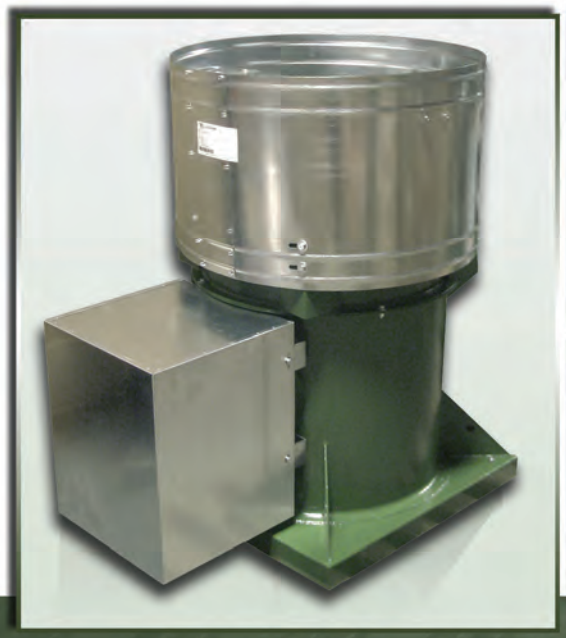
CANARM® HVAC

COMMERCIAL PRODUCT CATALOGUE

Book 1 of 2 2021

DUCT VENTILATION | ROOF MOUNT VENTILATION | UTILITY, PRESSURE & RADIAL BLOWERS | DAMPERS & LOUVRES | ACCESSORIES & MOTORS | CONTROLS & THERMOSTATS | ERV HRV | GREENHOUSE GROW OP | LIGHTING & BULBS

















CANARM.... PROVIDING CUSTOMERS WITH VALUE, KNOWLEDGE AND QUALITY PRODUCTS

WWW.CANARM.COM

CANADA BEST MANAGED COMPANIES Platinum member

TABLE OF CONTENTS

DUCT VENTILATION

DFRC-ES SERIES Circular Duct Fans 1
VK SERIES Inline Centrifugal Fans 2
VK PS SERIES Dryer Booster Fans 3
VKM SERIES Inline Centrifugal Fans 4
CEP SERIES Ceiling Exhaust Fans 5
CEPD SERIES Ceiling Exhaust Fans 6
CEPD140-4 Ceiling Exhaust Fans 7
L SERIES Ceiling Exhausters 8
L-L SERIES Inline Ceiling Exhausters 10
L & L-L Accessories 12
BPT SERIES Bathroom Exhaust Fans 13
SCENTINEL-IDB Forward Curved Odour Control Blower Kit 14
BTA/WTA/HTA SERIES Belt Drive Tube Axial Duct Fans 15
DDA SERIES Direct Drive Tube Axial Duct Fans 16
Tube Axial Duct Fan Options & Accessories 17
JFHVA SERIES Air Make Up Jet Fans 18

ROOF MOUNT VENTILATION

A2X/EC SERIES Spun Aluminum Exhausters 19
ALX-UD & ALX-UD-EC SERIES 20
Upblast Direct Drive Spun Aluminum Roof Exhausters
ALX-UB SERIES 22
Upblast Belt Drive Spun Aluminum Roof Exhausters
ALX-DD & ALX-DD-EC SERIES 24
Downblast Direct Drive Spun Aluminum Roof Exhausters
ALX-DB SERIES 26
Downblast Belt Drive Spun Aluminum Roof Exhausters
RTA-SH SERIES 28
Smoke & Heat Removal Belt Drive Roof Exhausters
RTA SERIES Belt Drive Roof Exhausters 29
RD SERIES Direct Drive Roof Exhausters 30
RB SERIES Belt Drive Roof Exhausters 31
ROOF CURBS 32

UTILITY, PRESSURE & RADIAL BLOWERS

PW SERIES Direct Drive Pressure Blower 33
KE SERIES Direct Drive Radial Blade Blower 34
D SERIES Direct Drive Forward Curved Blower 35
D500 SERIES Direct Drive Utility Blowers 36
U SERIES Portable Utility Fan & Smoke Ejector 37
PORTABLE UTILITY FAN & U Series Smoke Ejector Accessories 39
PLASTEC SERIES Polypropylene Blowers 40
JET SERIES Polypropylene Inline Fans 41
STORM SERIES Polypropylene Blowers 42

DAMPERS & LOUVRES

MODELS 3000, 3100, 3200 Backdraft Dampers 43
MODELS 3000M, 3100M, 3200M Motorized Backdraft Dampers 43
EAL-2, EAL-2F Fixed Louvres 44
EAL-4, EAL-4F Fixed Louvres 44
EAL-6, EAL-6F Fixed Louvres 45
EAL-4-0, EAL-4-0F Operating Louvres 45
SCD SERIES Steel Control Dampers Standard Construction 46
SCD-LL SERIES Steel Control Dampers Low Leakage Construction 46
SCD-LL-HD Heavy Duty Control Dampers Low Leakage Construction 47
SCD-RD SERIES Steel Round Control Dampers Standard Construction 48
SCD-RD-LL Steel Round Control Dampers Low Leakage Construction 48
TYPE A Fire Dampers Vertical & Horizontal 49
TYPE B Fire Dampers Vertical & Horizontal 49
CD-RD Round Ceiling Dampers Standard Construction 50
AD - AF Aluminum Control Dampers 50
ADI - AFI Aluminum Control Dampers 51

MOTORS

ECsmart MOTORS 52

CONTROLS & THERMOSTATS

CTS-M5160 Carbon Monoxide Detector 53
K-KONTROL SERIES Thermostats 53
TF115 SUNNE SERIES Thermostats 53
RANCO SERIES Thermostats 53
TS15 SERIES Two Speed Control 54
MC SERIES Manual Variable Speed Controls 54
MSC-4 SERIES Variable Speed Controls 54
MTC-4C SERIES Modulating Temperature Control 54
VFD-B SERIES Variable Speed AC Motor Drives 55
VFD - LENZE SERIES Variable Frequency Multi-Function Micro Drive 55
DISCONNECT SWITCHES 55
CONTROLS & OPERATORS 56

MISC.

VKM-ANTIRADON SERIES Inline Centrifugal Metal Fan 57
TURBO TUBE TT SERIES Powerful Mixed Flow Fans 57
TURBO TUBE PRO SERIES Super High Powered Inline Fans 57
TURBO TUBE SILENT SERIES Quiet & Energy Efficient Inline Mixed Flow Fans 57
TURBO TUBE SILENT M SERIES 57
Quiet & Energy Efficient Fans in Metal Noise Absorbing Case
VKP SERIES Inline Centrifugal Fans - Back Curved Impeller 57
VCN SERIES Outdoor Wall Mounted Centrifugal Fans 58
TWINFRESH COMFO RA1-50-2 Single Room Total Recovery Ventilator 58
VENTO EXPERT A50-1 PRO & A50 PRO 58
Single Room Heat & Energy Recovery Units
HRV MICRA 60 Single Room Heat Recovery Ventilator 58
HRV MICRA 150 Single Room Heat Recovery Ventilator 58
FRIGATE HRV 60S/120S & ERV 60S/120S 59
Heat Recovery Ventilator, Energy Recovery Ventilator
BRIG HRV 120/170 & 200/300 Heat Recovery Ventilator 59
BUCKET FANS 59
OV1 SERIES Axial Fans 59
LD / MA SERIES Axial Fans 59
VKOM SERIES Axial Fans 59
CANARM LIGHTING & FANS 60

CONTACTS ..... Back

NOTE:
Commercial products ship from our Brockville, Ontario location and ship collect. Contact your Sales Representative for details.

IN A HURRY?
Get select blowers and axial fans fast when you're in a hurry or need an emergency replacement. Ask your Sales Representative for details.

DFRC-ES SERIES CIRCULAR DUCT FANS

High efficiency inline duct fans are ideal for residential and commercial ventilation applications such as range hoods, bath fans & dryers.



DFRC-ES Series in-line duct fans from Canarm are versatile, energy efficient and can effectively ventilate meeting rooms, bathrooms and other hard to ventilate areas. DFRC-ES fans can also be used to boost airflow in long runs of round duct.

Available in 4”, 5”, 6”, 8”, 10” and 12” diameters the DFRC-ES series features a high quality external rotor motor and a quiet, efficient backward curved impeller for effective airflow even under higher static pressures.

FEATURES

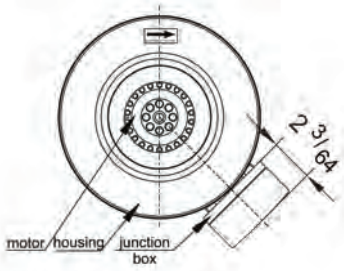
- Available in 4”, 5”, 6”, 8”, 10” and 12” diameters.
- Quiet and efficient backward curved impeller
- Powerful, efficient external rotor motor
- Speed controllable with Canarm MC series controls
- High flow against high static pressure
- Remove noise from main living area by mounting remotely
- Quick and easy installation.

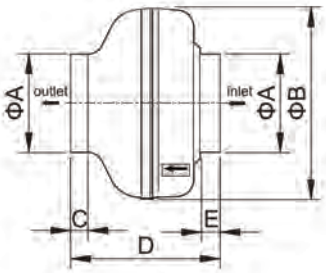
PERFORMANCE DATA

MODEL	PART #	DIAMETER	POWER RATING (V)	INPUT POWER (W)	ELECTRIC CURRENT (A)	SPEED (RPM)	SOUND LEVEL (dB)	NET WEIGHT	CFM @ STATIC PRESSURE									ENERGY EFFICIENCY (CFM/WATT)
									0.0" SP	0.2" SP	0.4" SP	0.6" SP	0.8" SP	1.0" SP	1.5" SP	2.2" SP	2.5" SP	
DFRC-4ES	DJT10-25H	4"	120	40	0.35	2912	60	7 lbs	157	135	113	89	67	29	--	--	--	3.2
DFRC-5ES	DJT12-35H	5"	120	53	0.45	2593	62	7 lbs	202	167	133	107	81	52	21	--	--	3.0
DFRC-6ES	DJT15-46H	6"	120	74	0.63	2534	61	8 lbs	273	236	198	163	131	92	47	--	--	3.1
DFRC-8ES	DJT20-56H	8"	120	128	1.19	3158	70	13 lbs	484	457	426	393	350	306	241	89	--	3.5
DFRC-10ES	DJT25-66H	10"	120	140	1.20	3028	71	13 lbs	598	556	509	460	412	359	260	87	--	3.9
DFRC-12ES	DJT31-66J	12"	120	203	1.77	2443	70	16 lbs	815	710	579	424	319	263	185	93	62	3.5

DIMENSIONS

MODEL	PART #	ØA	ØB	C	D	E	IMPELLER DIAMETER
DFRC-4ES	DJT10-25H	4"	9 1/2"	5/8"	8 3/8"	5/8"	Ø6 1/8"
DFRC-5ES	DJT12-35H	5"	9 1/2"	7/8"	7 1/2"	1"	Ø6 7/8"
DFRC-6ES	DJT15-46H	6"	10 5/8"	3/4"	7 5/8"	5/8"	Ø7 1/2"
DFRC-8ES	DJT20-56H	8"	13 1/2"	1 1/8"	9"	7/8"	Ø8 5/8"
DFRC-10ES	DJT25-66H	10"	13 1/2"	1 1/8"	9"	1 1/8"	Ø9 1/2"
DFRC-12ES	DJT31-66J	12"	15 3/4"	1 1/8"	10 1/4"	1 1/8"	Ø9 7/8"





ACCESSORIES



MOUNTING CLAMPS



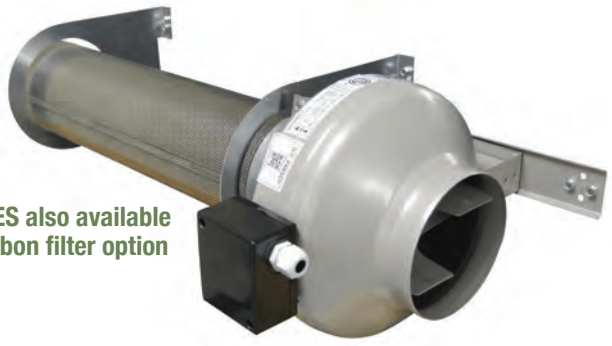
BACKDRAFT DAMPERS



EXHAUST & SUPPLY GRILL



MC CONTROLS



DFRC-6ES also available with carbon filter option

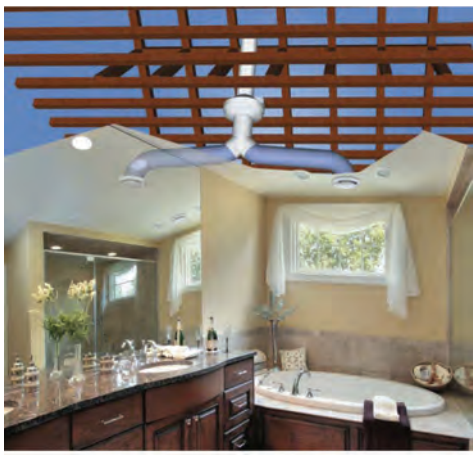


VK SERIES

Inline Centrifugal Fans for High Static Pressure Applications

Suitable for a wide range of residential and commercial exhaust or supply air applications, such as bathroom exhaust, kitchen ventilation, restaurants, living areas, whole house ventilation, duct boosting, workshops & smoking areas or equipment cooling.

The VENTS VK Series duct mounted centrifugal inline fans assure efficient and reliable operation. The fans are fitted with backward curved centrifugal impeller driven by powerful sealed external rotor motor with lifelong bearings and thermal protection. This powerful combination enables the VENTS VK fans to deliver exceptional airflow performances even in high static pressure systems. The fans' casing is made of high quality, UV-resistant plastic (flame rating– 5VA). The VK Series is specially designed for simple installation and maintenance free operation. Fans are supplied with an easy to fit mounting bracket and can be mounted at any angle and at any point along the duct.



FEATURES

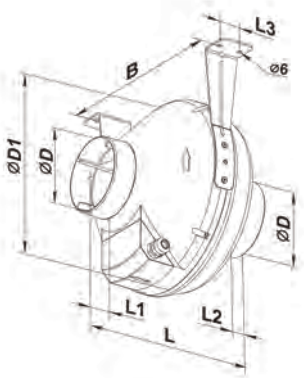
- Sizes available from 4" - 12 3/8".
- High static pressure applications.
- Backward curved centrifugal impeller.
- Quiet external rotor motor with thermal overload protection.
- Ideal for long duct runs.
- Quiet and powerful.
- Vibration free operation.
- Energy efficient.
- Maintenance free.
- Easy installation.
- Corrosion resistant.
- UV resistant, UL94 certified plastic
- Pre-wired and supplied with mounting bracket for easy installation.
- 5 year warranty.

PERFORMANCE SPECIFICATIONS

MODEL	RPM*	SONES	DUCT DIA.	WATTS*	CFM VS. STATIC PRESSURE (Ps) IN WG										VOLTS
					0"	0.125"	0.2"	0.25"	0.375"	0.5"	0.75"	1.0"	1.25"	1.5"	
VK 100	3088	8.5	4"	106	162	155	150	147	141	134	120	104	87	67	120 / 60
VK 125	2960	7.1	5"	114	235	222	214	207	193	178	151	123	99	72	120 / 60
VK 150	2907	7.2	6"	113	317	300	289	282	265	247	212	178	132	68	120 / 60
VK 200	3016	8.1	8"	140	507	481	465	455	423	395	343	287	238	189	120 / 60
VK 250	2604	10.2	10"	293	735	699	675	658	625	558	507	432	369	307	120 / 60
VK 315	2641	11.5	12 3/8"	269	871	817	779	758	703	635	501	393	324	266	120 / 60

* The parameters RPM, Watts are indicated at 0.2 in WG static pressure.

DIMENSIONS



MODEL	DIMENSIONS (Inches)							WEIGHT (lbs)
	ØD	ØD1	B	L	L1	L2	L3	
VK 100	3 15/16"	9 13/16"	10 5/8"	9 1/16"	1 3/16"	1 1/16"	1 3/16"	4.7
VK 125	4 15/16"	9 13/16"	10 5/8"	8 11/16"	1 3/16"	1 1/16"	1 3/16"	4.9
VK 150	5 7/8"	11 13/16"	12 3/16"	11 1/4"	1 3/16"	1 3/16"	1 3/16"	5.7
VK 200	7 7/8"	13 3/8"	13 15/16"	10 7/8"	1 3/16"	1 3/16"	1 9/16"	8.8
VK 250	9 13/16"	13 3/8"	13 15/16"	10 7/16"	1 3/16"	1 3/16"	1 9/16"	9.9
VK 315	12 3/8"	15 3/4"	16 5/16"	16 5/16"	1 9/16"	2 3/16"	1 9/16"	11.2



VK PS SERIES
Dryer Booster Fans

Designed to solve dryer vent problems where more airflow is needed.

The VENTS VK PS dryer booster fans assure efficient and reliable operation. The pre-installed pressure switch allows the VK PS fan to run when it senses the dryer on. The controller cycles the fan until the dryer has stopped. The fans are fitted with backward curved centrifugal impeller, which prevents lint from getting stuck in the fan. The fans are driven by powerful sealed external rotor motor with lifelong bearings and thermal protection. This powerful combination enables the VK PS to deliver exceptional airflow performance even in long duct runs. The fans' casing is made of high quality, UV-resistant plastic (UL94 certified plastic). The fans are specially designed for simple installation and years of maintenance free operation.



FEATURES

- Pressure switch for fan activation and mounting bracket included as shown in above picture.
- Sizes available from 4" - 6".
- High static pressure applications.
- Backward curved centrifugal impeller.
- Quiet external rotor motor with thermal overload protection.
- Ideal for long duct runs.
- Quiet and powerful.
- Vibration free operation.
- Energy efficient.
- Maintenance free.
- Easy installation.
- Corrosion resistant.
- UV resistant, UL94 certified plastic.
- Pre-wired and supplied with mounting bracket for easy installation.
- 5 year warranty.

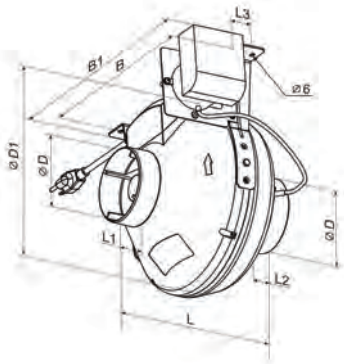
PERFORMANCE SPECIFICATIONS

MODEL	RPM*	SONES	DUCT DIA.	WATTS*	CFM VS. STATIC PRESSURE (Ps) IN WG										VOLTS / Hz
					0"	0.125"	0.2"	0.25"	0.375"	0.5"	0.75"	1.0"	1.25"	1.5"	
VK 100 PS	3088	8.5	4"	106	162	155	150	147	141	134	120	104	87	67	120 / 60
VK 125 PS	2960	7.1	5"	114	235	222	214	207	193	178	151	123	99	72	120 / 60
VK 150 PS	2907	7.2	6"	113	317	300	289	282	265	247	212	178	132	68	120 / 60

* The parameters RPM, Watts are indicated at 0.2 in WG static pressure.

DIMENSIONS

MODEL	DIMENSIONS (Inches)								WEIGHT (lbs)
	ØD	ØD1	B	B1	L	L1	L2	L3	
VK 100 PS	3 15/16"	9 13/16"	10 5/8"	13 3/8"	9 1/16"	1 3/16"	1 1/16"	1 3/16"	4.7
VK 125 PS	4 15/16"	9 13/16"	10 5/8"	13 3/8"	8 11/16"	1 3/16"	1 1/16"	1 3/16"	4.9
VK 150 PS	5 7/8"	11 13/16"	12 3/16"	13 3/8"	11 1/4"	1 3/16"	1 3/16"	1 3/16"	5.7



ACCESSORIES

- Lint Trap (LT-250-45)



VKM SERIES
Inline Centrifugal Metal Fan

For high static pressure applications - ideal for bathroom exhaust, kitchen ventilation, living areas, whole house ventilation, duct boosting, workshops & smoking areas, offices, bars & restaurants and warehouses.

VENTS VKM series inline centrifugal duct fans are designed for residential and commercial ventilation applications. In-line configuration simplifies installation and offer maintenance free operation.
All VKM models are designed for standard diameter round ducting and range from 4" to 12" in size with airflows ranging up to 985 CFM. The fan's housing is made of steel with polymer coating. The quiet and efficient backward curved impeller is capable of operating in high-pressure systems.
The VKM series can eliminate many ventilation problems as they are designed to boost airflow through long or complex duct runs. The most common uses are bathroom exhaust, range hood exhaust and duct boosting.

FEATURES

- High air volume and static pressure applications.
- Quiet & efficient, vibration free operation.
- Durable and corrosion resistant casing.
- Reliable external rotor motor design.
- Permanently lubricated ball bearing motor for maintenance free operation.
- Automatic reset thermal overload protection.
- Pre-wired and supplied with mounting bracket for easy installation.
- Rated for continuous operation.
- Strong construction for long life.
- Five year warranty.

HVI CERTIFIED
Intertek

Conforms to UL Std. UL705
Certified to CSA Std. CSA 22.2#113

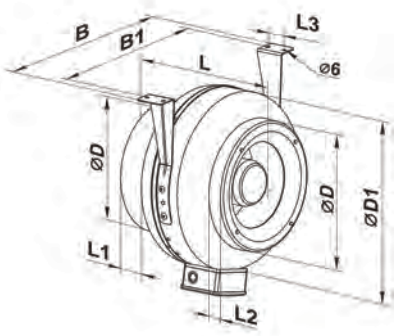
PERFORMANCE SPECIFICATIONS

MODEL	RPM*	SONES	WATTS*	AMPS*	DUCT DIA.	CFM VS. STATIC PRESSURE (Ps) IN WG										VOLTS
						0"	.125"	0.2"	.25"	.375"	0.5"	.75"	1"	1.25	1.5	2.5"	
VKM 100	3000	6.91	108	0.90	4"	174	167	162	159	151	142	124	106	84	60	-	120
VKM 125	2950	6.8	112	0.97	5"	239	228	222	222	217	205	192	165	130	102	72	-	120
VKM 150	2400	6.6	110	0.90	6"	325	292	275	265	241	214	172	139	107	67	-	120
VKM 200	2520	7.6	195	1.63	8"	541	502	480	464	428	391	320	265	222	183	36	120
VKMS 200	2745	8.3	240	2.14	8"	657	640	632	625	608	590	550	498	434	370	112	120
VKM 250	2516	8.2	232	1.95	10"	678	638	613	599	550	479	408	340	292	248	90	120
VKM 305	2981	8.35	244	2.10	12"	784	756	738	727	698	669	611	542	480	428	168	120
VKMS 305	2320	8.42	272	2.42	12"	985	920	890	869	818	773	680	594	512	441	210	120
VKM 355 Q **	2250	7.3	297	1.3	14"	1300	1259	1236	1177	1118	1059	941	618	235	-	-	230
VKM 400 **	1585	7.5	673	3.05	15.75"	1765	1706	1618	1545	1510	1471	1294	1088	882	588	-	230
VKM 450 **	1560	7.4	1250	5.4	17.75"	3096	3110	2972	2942	2897	2795	2589	2295	1765	1236	-	230

* The parameters RPM, Watts, Amps are indicated at 0.2 in WG static pressure.
** Special oder - please call factory

DIMENSIONS

MODEL	DIMENSIONS (Inches)								Weight (lbs)
	ØD	ØD1	B	B1	L	L1	L2	L3	
VKM 100	3 15/16"	10"	11 3/4"	10 3/16"	8 1/16"	13/16"	1"	1 3/16"	9.7
VKM 125	4 15/16"	10"	11 3/4"	10 3/16"	8 1/16"	13/16"	1"	1 3/16"	9.5
VKM 150	5 7/8"	11 15/16"	13 3/4"	12 3/16"	8 11/16"	1"	1"	1 3/16"	11.9
VKM 200	7 7/8"	13 9/16"	15 3/8"	13 3/4"	9 7/8"	1"	1 1/8"	1 9/16"	14.6
VKMS 200	7 7/8"	13 9/16"	15 3/8"	13 3/4"	9 7/8"	1"	1 1/8"	1 9/16"	14.6
VKM 250	9 13/16"	13 9/16"	15 3/8"	13 3/4"	9 3/16"	1"	1 1/4"	1 9/16"	16.1
VKM 305	12"	15 7/8"	17 3/4"	16 5/16"	10 1/4"	15/16"	1 3/16"	1 9/16"	17.6
VKMS 305	12"	15 7/8"	17 3/4"	16 5/16"	10 1/4"	15/16"	1 3/16"	1 9/16"	17.6
VKM 355 Q	14"	18 1/8"	20 1/2"	20 1/2"	19 15/16"	2 3/8"	2 3/8"	2 3/4"	41.5
VKM 400	15 3/4"	22 7/16"	26 1/8"	25"	22 7/16"	2 3/8"	2 3/8"	2 3/4"	55.2
VKM 450	17 3/4"	23 15/16	27 9/16"	26 3/8"	25 3/8"	2 3/8"	2 3/8"	3 1/8"	60



ACCESSORIES



CEP SERIES

Ultra Quiet Ceiling Exhaust Fans

Canarm's CEP fans come complete with high efficiency motors meeting Energy Star requirements. The CEP fans are ultra quiet and easily customizable using plug and play accessories.

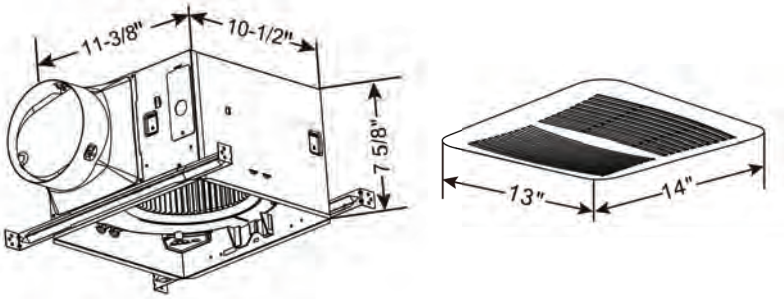
FEATURES

- Ultra quiet.
- High performance and efficiency.
- Permanently lubricated 120V motor with overload disconnect.
- 6" Poly Collar with built in backdraft damper.
- Premium low profile poly grille.
- ETL listed for tub and shower when connected to a GFCI.
- HVI and Energy Star approved.
- Plug and Play accessories.

ACCESSORIES

- Humidistat
- Speed Control - internal or remote
- Light Kit
- Ceiling Radiation Damper

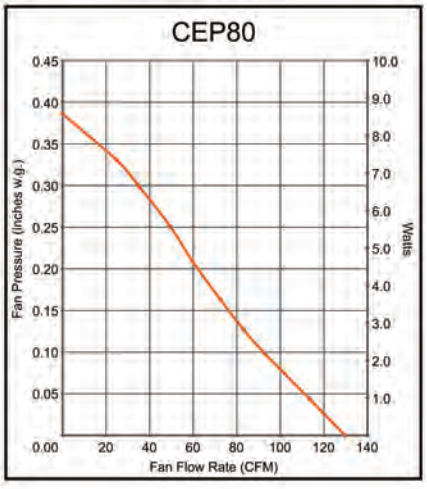
DIMENSIONS

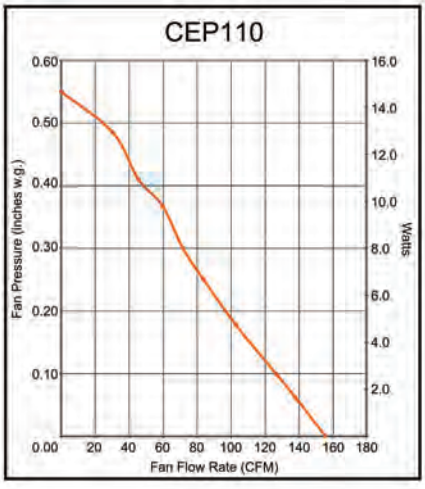


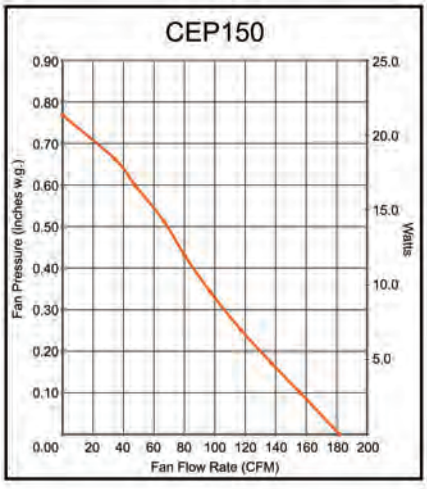
PERFORMANCE SPECIFICATIONS

MODEL	FOR BATHROOM SIZE UP TO	STATIC PRESSURE (IN W.G.)	CFM	SONES	WATTS	POWER (V/HZ)	DUCT DIAMETER
CEP80	75 FT^2	0.1 0.25	80 69	0.4 1.1	22.8 22.5	120/60	6"
CEP110	105 FT^2	0.1 0.25	110 86	<0.3 1.2	30.8 30.4	120/60	6"
CEP150	140 FT^2	0.1 0.25	140 123	0.5 1.2	35 34.2	120/60	6"

FAN CURVES









NEW

CEPD SERIES

Ultra Quiet Ceiling Exhaust Fans with DC Motor

Canarm's ultra quiet CEPD fans come complete with high efficiency DC motors and are Energy Star approved. Built in speed controls are standard and allow for fine tuning CFM to your needs. Optional accessories are available such as a light kit or radiation damper, and a motion sensor and humidstat are available on special order.

FEATURES

- High performance and efficiency.
- Variable speed totally enclosed DC motor with thermal protection.
- Built in speed control.
- 6" Poly Collar with built in backdraft damper.
- Premium low profile poly grille.
- ETL listed for tub and shower when connected to a GFCI.
- HVI and Energy Star approved.

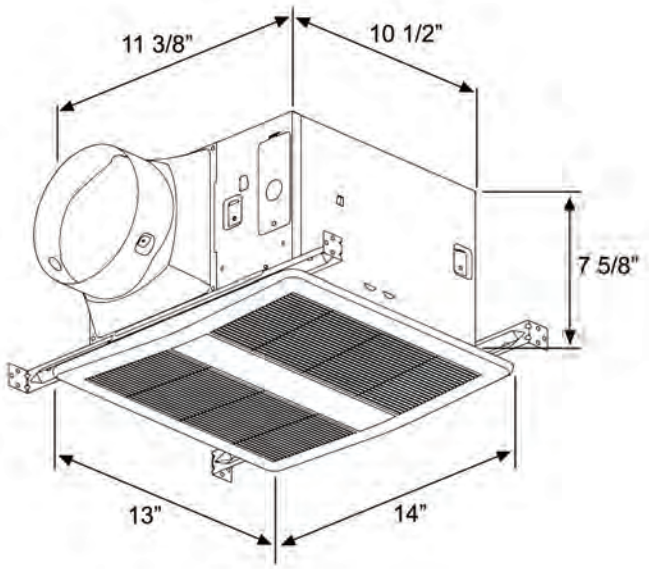
ACCESSORIES

- Light Kit
- Ceiling Radiation Damper
- Factory Options (Special Order):
  - Humidistat
  - Motion Sensor

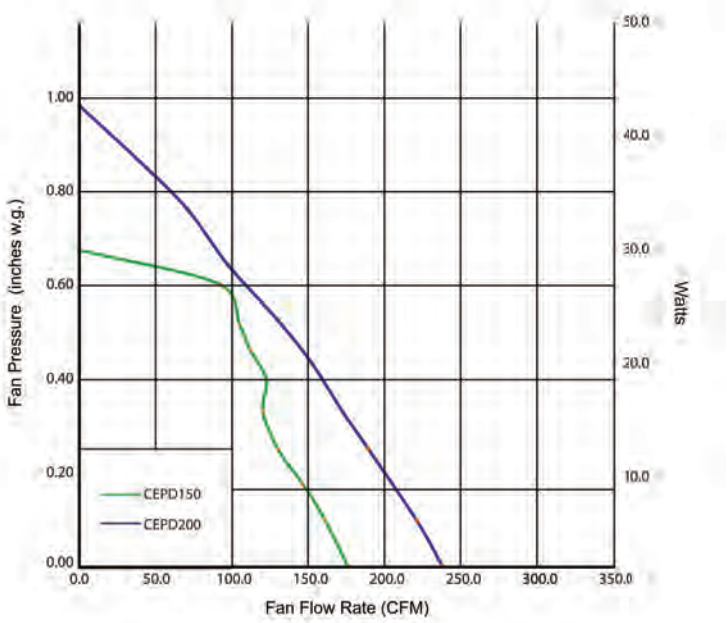
PERFORMANCE SPECIFICATIONS

MODEL	STATIC PRESSURE (IN W.G.)	CFM	SONES	WATTS	POWER (V/HZ)	DUCT DIAMETER
CEPD150	0.1 0.25	150 130	0.9 1.4	12	120/60	6"
CEPD200	0.1 0.25	200 188	2.0 2.0	24	120/60	6"

DIMENSIONS



FAN CURVES





NEW

CEPD140-4

Ultra Quiet Ceiling Exhaust Fans with DC Motor

Canarm's CEPD140-4 fan is ultra quiet and includes a DC motor for energy efficiency. Choose from 4 different CFM's using built in dip switches, and a second adjustable speed for continuous operation for whole house/building ventilation.

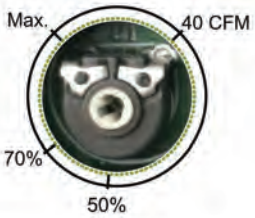
FEATURES

- Ultra quiet.
- High performance and efficiency.
- Two speed totally enclosed DC motor with thermal protection.
- Selectable 80, 90, 110, 140 CFM
- Continuous low speed operation (adjustable).
- Time delay 5-30 minutes.
- Complies with ASHRAE 62.2 whole house fan to meet minimum ventilation required by local building codes.
- 6" Poly Collar with built in backdraft damper.
- Premium low profile poly grille.
- ETL listed for tub and shower when connected to a GFCI.
- HVI and Energy Star approved.

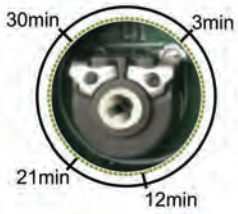
ACCESSORIES

- Light Kit
- Ceiling Radiation Damper
- Factory Options (Special Order):
  - Humidistat
  - Motion Sensor

CONTROL CENTRE



SPEED SETTING

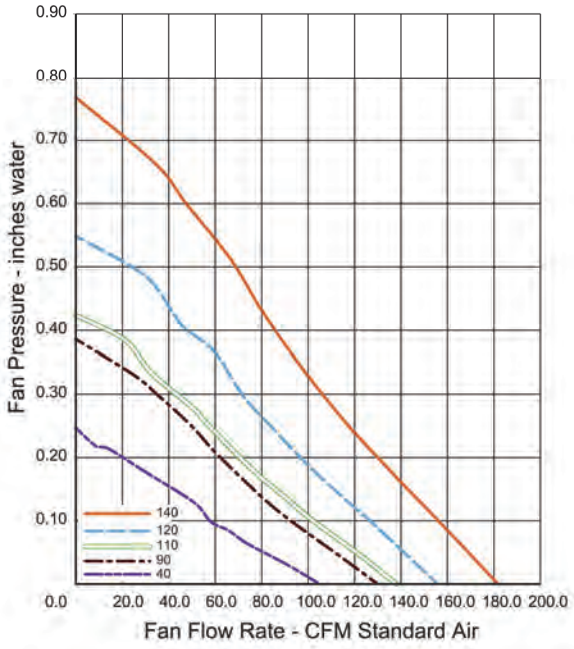


TIME DELAY SETTING

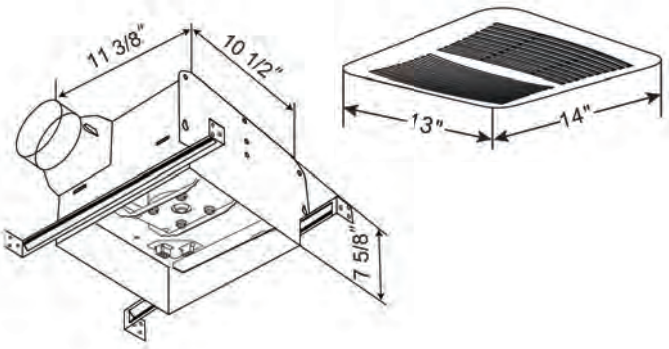
PERFORMANCE SPECIFICATIONS

MODEL	STATIC PRESSURE (IN W.G.)	CFM	SONES	WATTS	POWER (V/HZ)	DUCT DIAMETER
CEPD140-4	0.1	80	< 0.3	6.0	120/60	6"
		90	< 0.3	6.5		
		110	< 0.3	8.7		
		140	0.5	12.4		
	0.25	49	0.9	7.8	120/60	6"
		57	0.9	8.3		
		83	1.0	10.6		
		117	1.0	14.5		

FAN CURVES



DIMENSIONS



L SERIES

Ceiling Exhausters by Broan Nutone



L100/L150/L200/L250/L300
POLY GRILLE



L900/L1500
METAL GRILLE



L400/L500/L700
METAL GRILLE

FEATURES

- Low RPM for quiet operation
- Resilient anti-vibration blower mounts
- Dynamically balanced polymeric centrifugal blower wheel(s) for quiet efficient performance
- Permanently lubricated thermally protected 120v motor with plug disconnect, designed for continuous operation
- Round or rectangular duct connection
- Quiet automatic backdraft damper(s)
- Standard horizontal discharge (field convertible to vertical discharge)
- Wall or ceiling mount
- 8 position mounting brackets
- Insulated housing
- White polymeric (L100-300) or enamel coated steel (L400-1500) ceiling grille
- L100-300 UL listed for use over bathtubs or showers when connected to GFCI branch circuit

PERFORMANCE SPECIFICATIONS

MODEL	CFM @ .125" SP	SONES	AMPS	WATTS	SOUND INSULATION	DUCT
White Polymeric Grille						
L100	109	0.9	1.1	87	Yes	6"
L150	157	1.5	1.3	100	Yes	6"
L200	210	1.7	1.8	127	Yes	8"
L250	259	2.2	2.1	166	Yes	8"
L300	308	2.9	2.8	212	Yes	8"
L400	434	2.3	1.4	146	Yes	4 1/2" x 18 1/2"
L500	514	3.3	2.2	232	Yes	4 1/2" x 18 1/2"
L700	701	4.7	2.9	313	Yes	4 1/2" x 18 1/2"
L900	901	4.1	3	306	--	8" x 12"
L1500	1513	8.4	5	468	--	8" x 12"

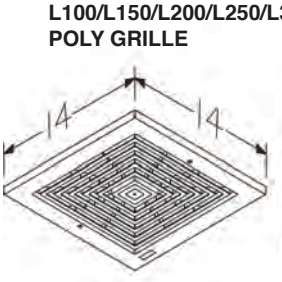
OPTIONS & ACCESSORIES

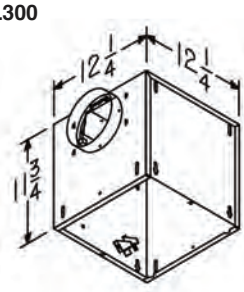
- Internal or remote speed control
- Wall cap, roof jack, roof cap (self-flash or curb mounted)
- Inline adapter, rectangular to round discharge adapter (L400-1500)
- RIS hanging isolators
- White enamel coated steel ceiling grille (L100-300)

Models L100, L150, L200, L250 and L300 are UL listed for use over bathtubs and showers when connected to a GFCI-protected branch circuit.

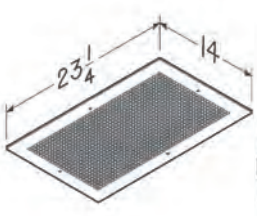
DIMENSIONS

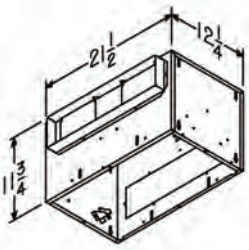
L100/L150/L200/L250/L300
POLY GRILLE



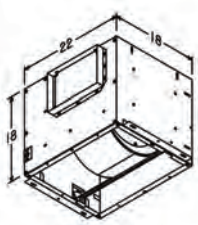


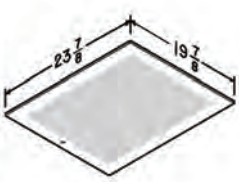
L400/L500/L700
METAL GRILLE





L900/L1500
METAL GRILLE



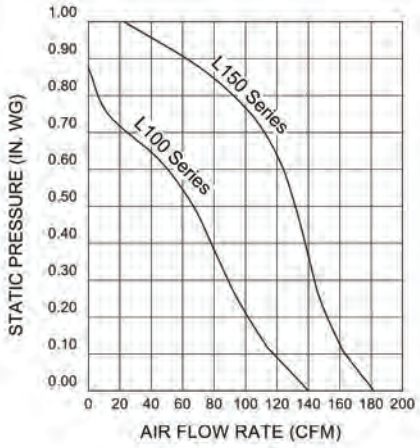


L SERIES

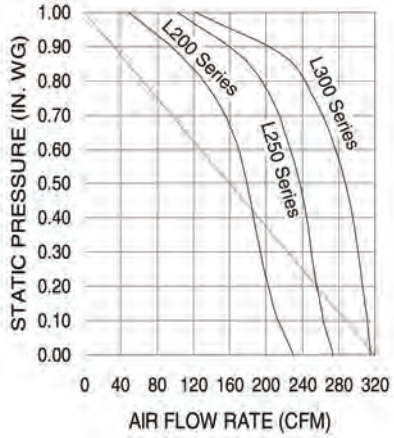
Ceiling Exhausters by Broan Nutone

FAN CURVES

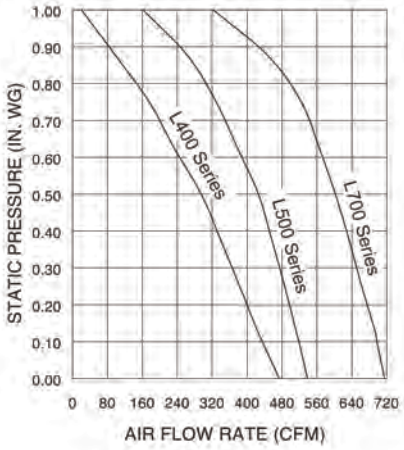
L100/L150



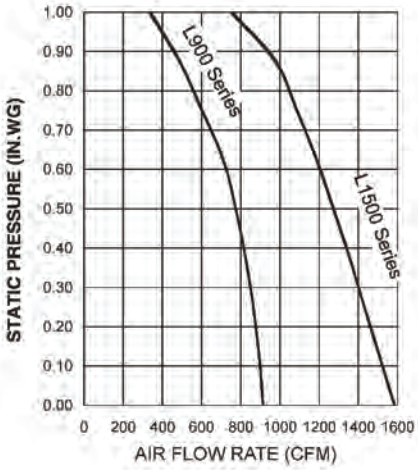
L200/L250/L300



L400/L500/L700



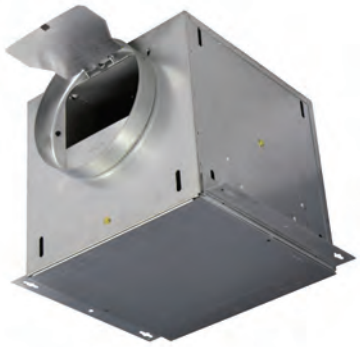
L900/L1500



Model	Watts / Amps	Nom RPM	CFM @ INWG										Unit Weight	Discharge Size
			FA	0.100	0.125	0.250	0.375	0.500	0.625	0.750	0.875	1.000		
L100	87 / 1.1	640 / Sones	136 / 0.5	115 / 0.8	109 / 0.9	93 / 1.3	80 / 1.8	65 / 2.3	44 / 3.0	12 / 3.5			22.8 lbs	6" Rd
L150	100 / 1.3	710 / Sones	181 / 1.3	161 / 1.4	157 / 1.5	141 / 2.2	132 / 2.6	124 / 3.1	114 / 3.6	94 / 4.1	62 / 4.6		23.1 lbs	
L200	127 / 1.8	740 / Sones	231 / 1.6	214 / 1.8	210 / 1.7	196 / 2.3	186 / 2.9	177 / 3.5	165 / 4.1	144 / 4.9	113 / 5.3	51 / 5.3	23 lbs	8" Rd
L250	166 / 2.1	830 / Sones	272 / 2.1	261 / 2.3	259 / 2.2	250 / 2.9	242 / 3.3	233 / 3.9	218 / 4.4	201 / 4.8	165 / 5.5	99 / 5.8	23.1 lbs	
L300	212 / 2.6	905 / Sones	312 / 2.8	309 / 2.9	308 / 2.9	303 / 3.3	296 / 3.5	287 / 3.9	273 / 4.3	254 / 4.7	219 / 5.1	125 / 5.6	23.1 lbs	
L400	146 / 1.4	735 / Sones	480 / 2.0	442 / 2.4	434 / 2.3	388 / 2.8	344 / 3.3	299 / 3.8	229 / 4.5	182 / 4.8	114 / 5.4	33 / 5.6	33.8 lbs	18-1/2" x 4-1/2"
L500	232 / 2.2	810 / Sones	538 / 3.0	520 / 3.1	514 / 3.3	491 / 3.6	463 / 4.0	434 / 4.4	389 / 5.0	339 / 5.7	282 / 6.2	186 / 6.7	33.8 lbs	
L700	313 / 2.9	960 / Sones	722 / 4.5	704 / 4.6	701 / 4.7	667 / 4.8	640 / 5.0	607 / 5.2	571 / 5.6	534 / 6.2	453 / 7.1	333 / 7.2	33.9 lbs	
L900	306 / 3.0	650 / Sones	918 / 3.8	905 / 4.0	901 / 4.1	877 / 4.0	842 / 4.2	793 / 4.3	725 / 4.4	636 / 4.9	536 / 4.5	390 / 5.3	64.2 lbs	12" x 8"
L1500	468 / 5.0	955 / Sones	1,578 / 8.6	1,526 / 8.4	1,513 / 8.4	1,438 / 8.1	1,371 / 7.5	1,285 / 7.0	1,198 / 6.7	1,103 / 6.2	1,000 / 5.8	816 / 5.8	64.3 lbs	

L-L SERIES

Ceiling Exhausters by Broan Nutone



L100L/L150L/L200L/L250L/L300L
IN-LINE VENTILATORS



L400L/L500L/L700L
IN-LINE VENTILATORS



L900L/L1500L
IN-LINE VENTILATORS

FEATURES

- Low RPM for quiet operation
- Resilient anti-vibration blower mounts
- Dynamically balanced polymeric centrifugal blower wheel(s) for quiet efficient performance
- Permanently lubricated thermally protected 120v motor with plug disconnect, designed for continuous operation
- Round or rectangular duct connections
- Quiet automatic backdraft damper(s)
- Standard straight through inline discharge (field convertible to right angle discharge)

PERFORMANCE SPECIFICATIONS

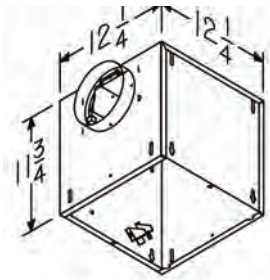
MODEL	CFM @ .125" SP	SONES	AMPS	WATTS	DUCT
In-Line Ventilator (No Grille)					
L100L	106	0.7	1.1	87	6"
L150L	147	1.1	1.3	100	6"
L200L	195	1.9	1.8	127	8"
L250L	245	2.3	2.1	166	8"
L300L	293	3.1	2.6	212	8"
L400L	406	1.6	1.4	146	4 1/2" x 18 1/2"
L500L	519	3.4	2.2	232	4 1/2" x 18 1/2"
L700L	681	3.7	2.9	313	4 1/2" x 18 1/2"
L900L	894	3.8	3	306	8" x 12"
L1500L	1214	6.7	5	468	8" x 12"

OPTIONS & ACCESSORIES

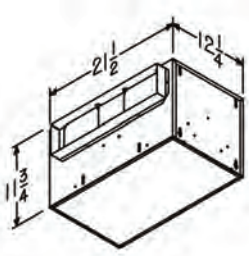
- Speed control
- Wall cap, roof jack, roof cap (self-flash or curb mounted)
- Rectangular to round inlet and/or discharge adapter (L400-1500)
- RIS hanging isolators

DIMENSIONS

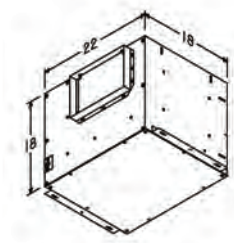
L100L/L150L/L200L/L250L/L300L
IN-LINE VENTILATORS



L400L/L500L/L700L
IN-LINE VENTILATORS



L900L/L1500L
IN-LINE VENTILATORS

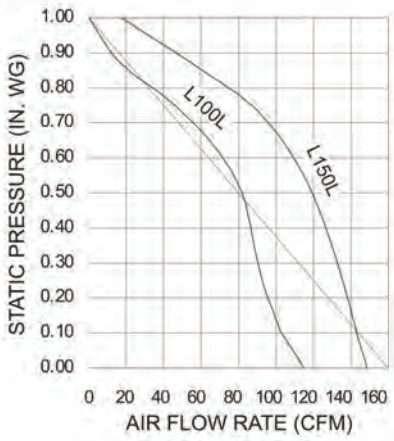


L-L SERIES

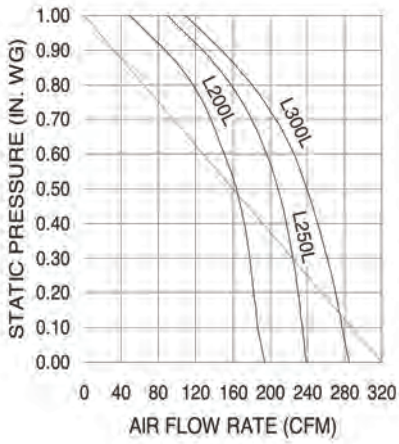
FAN CURVES

Ceiling Exhausters by Broan Nutone

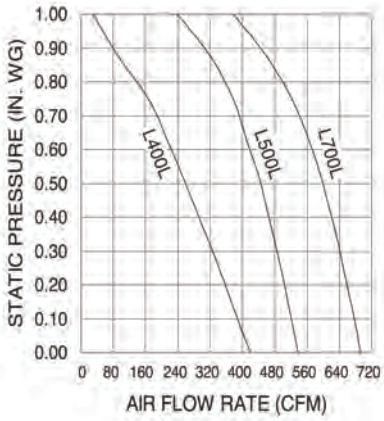
L100L/L150L



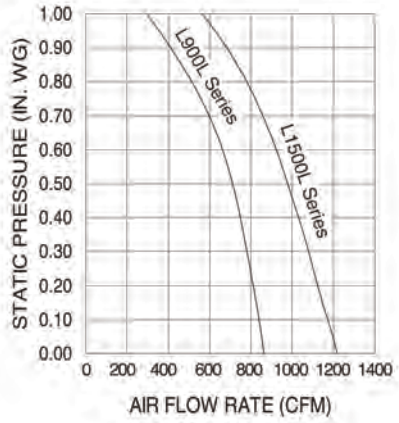
L200L/L250L/L300L



L400L/L500L/L700L



L900L/L1500L



Model	Watts / Amps	Nom RPM	CFM @ INWG										Unit Weight	Intake & Discharge Size
			FA	0.100	0.125	0.250	0.375	0.500	0.625	0.750	0.875	1.000		
L100L	87 / 1.1	760 / Sones	121 / 0.5	108 / 0.7	106 / 0.7	97 / 1.1	93 / 1.4	86 / 1.8	70 / 2.1	44 / 2.4	17 / 2.6	-- / --	22.9 lbs	6" Rd
L150L	100 / 1.3	920 / Sones	153 / 0.9	148 / 1.0	147 / 1.1	140 / 1.4	134 / 1.6	125 / 1.9	111 / 2.1	91 / 2.2	54 / 2.4	18 / 2.6	22.9 lbs	
L200L	127 / 1.8	865 / Sones	205 / 1.7	196 / 1.9	195 / 1.9	190 / 2.1	185 / 2.3	175 / 2.4	158 / 3.0	135 / 3.3	96 / 3.4	47 / 3.4	23.1 lbs	8" Rd
L250L	166 / 2.1	1005 / Sones	248 / 2.0	245 / 2.3	245 / 2.3	241 / 2.6	235 / 2.8	224 / 3.2	208 / 3.4	183 / 3.6	141 / 3.9	84 / 3.8	23.2 lbs	
L300L	212 / 2.6	1145 / Sones	300 / 2.9	294 / 3.0	293 / 3.1	285 / 3.3	274 / 3.4	259 / 3.5	243 / 3.6	214 / 3.7	168 / 4.0	113 / 3.9	23.2 lbs	
L400L	146 / 1.4	775 / Sones	450 / 1.4	415 / 1.6	406 / 1.6	360 / 1.9	313 / 2.2	271 / 2.6	223 / 2.9	167 / 3.4	90 / 3.6	-- / --	33.9 lbs	18-1/2" x 4-1/2"
L500L	232 / 2.2	890 / Sones	546 / 2.4	526 / 2.4	519 / 3.4	496 / 3.7	472 / 3.9	447 / 3.8	407 / 3.9	364 / 4.0	306 / 4.3	232 / 4.3	33.9 lbs	
L700L	313 / 2.9	1090 / Sones	704 / 3.6	686 / 3.8	681 / 3.7	656 / 3.9	631 / 4.0	604 / 4.2	575 / 4.3	533 / 4.4	480 / 4.7	412 / 5.0	34 lbs	
L900L	306 / 3.0	810 / Sones	930 / 3.7	902 / 3.8	894 / 3.8	853 / 3.8	807 / 3.7	754 / 3.8	685 / 3.9	587 / 4.0	442 / 4.0	300 / 4.1	64.4 lbs	12" x 8"
L1500L	468 / 5.9	1055 / Sones	1,275 / 6.8	1,225 / 6.8	1,214 / 6.7	1,152 / 6.5	1,092 / 6.3	1,029 / 6.0	958 / 6.0	871 / 6.0	764 / 6.0	631 / 6.1	64.5 lbs	

L & L-L SERIES ACCESSORIES

CEILING RADIATION DAMPERS

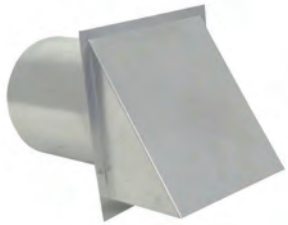
Models RD1/RD2/RD3



When excessive heat is detected, the breakaway fusible link triggers the closing of the raditiona damper's fire resistant screen to prevent smoke and fire from travelling through the ductwork.

WALL CAPS

Models WC4A/WC6A/WC8A/WC10A/WC12A



INLINE ADAPTOR KITS FOR CEILING EXHAUST FANS

Models IA961L/IA981L/IA982L/IA983L





ROOF CAPS

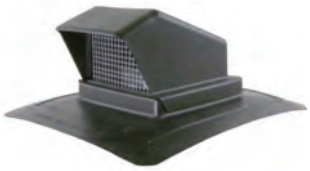
Models RCSF6/RCSF8/RCSF10/RCSF12/RCCM6/ RCCM8/RCCM10/RCCM12





ROOF JACKS

Models RJ636/RJ634/RJ437/RJ4P/RJ6P









TRANSITIONS

Models TRN423/TRN81212



CONTROLS

MC80L



MC3/MC5



BPT SERIES BATHROOM EXHAUST FANS

- Canarm BPT series bathroom ventilators are high quality, low noise units which meet the needs of today's quality builders and contractors.
- With CFM ratings of 70, 110 and 150, we have units to meet every size bathroom.

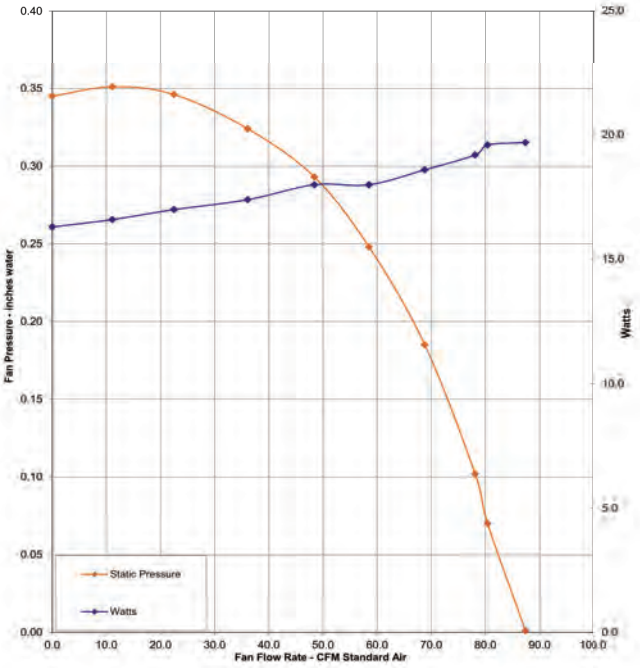
BPT12-13H1

FOR BATHROOM SIZE UP TO 75 FT²

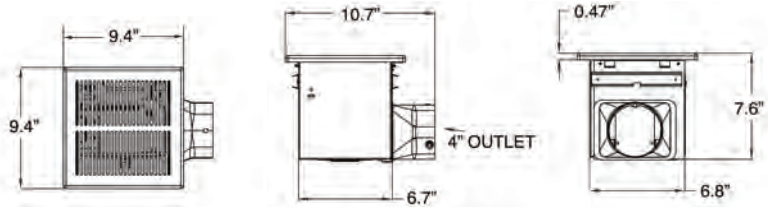


- 70 CFM
- 1 sone
- 17 Watts
- 120 V Motor
- 4" outlet
- Comes with plastic grill
- Shipping weight: 8.0 lbs.

FAN CURVES



DIMENSIONS



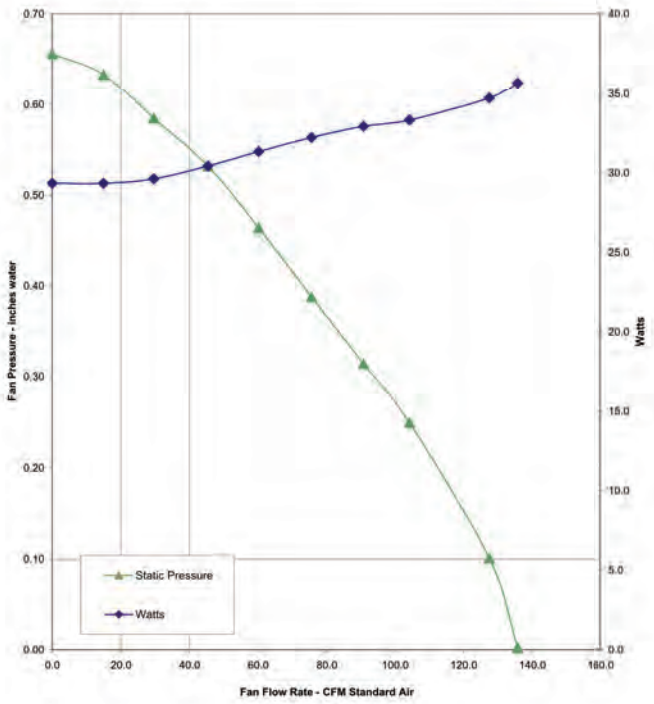
BPT18-34A-5

FOR BATHROOM SIZE UP TO 105 FT²

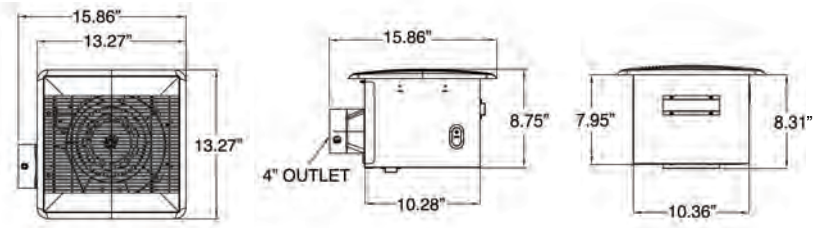


- 110 CFM
- 1 sone
- 31 Watts
- 120 V Motor
- 4" outlet
- Comes with plastic grill
- Shipping weight: 13.9 lbs.

FAN CURVES



DIMENSIONS



SCENTINEL-IDB

Forward Curved Odour Control Blower Kit



SCT-IDB12 with 16 filters shown

- Carbon infused odour treatment system for recirculating, redistributing or exhausting air.
- Durable galvanized, steel construction.
- Delhi blowers will not “surge”, “hunt” or “stall.”
- Ideal for indoor applications.
- Optional variable pitch motor pulley permits field adjustment (typically + or - 15%) to match air delivery needs.
- Quiet forward curved blowers operate at 1/2 the RPM of other inline blowers.

Note

Advanced high efficiency filter system.
Includes modular corrosion resistant canister filters with maximum absorbent media.

INDUSTRIES SERVED

- Licensed Medical Cannabis Producers
- Commercial HVAC
- Ventilation
- Heating
- Cooling
- Construction

FEATURES

- **Wheel Diameters:** 6”, 10” or 12”
- **CFM:** Up to 2000 in a single blower.
- Constructed from galvanized steel for durability.
- Forward Curved blowers operate at low RPM for low noise levels.
- Heavy duty ball bearings suitable for -65º F to +250º F.
- Saddle type motor mounting platform provides extended belt tension adjustment range on all IDB models.

TYPICAL APPLICATIONS FOR OUR ODOUR CONTROL BLOWERS

- An odour abatement fan for licensed medical cannabis producers.
- Can be used as exhaust, redistribution or recirculation.
- As an air moving module for systems built up with other components such as heating/cooling coils.
- Noise sensitive areas - the low RPM forward curved wheel typically radiates less vibration than higher RPM backward inclined wheel solutions.

PERFORMANCE SPECIFICATIONS

TYPICAL MAXIMUM CFM @ SP							
MODEL	1/2" SP	1" SP	1 1/2" SP	2" SP	2 1/2" SP	Max HP	# FILTERS
SCT-IDB10	1000	1000	1000	1000	1000	1 1/2	8
SCT-IDB12	2000	2000	2000	2000	1500	1 1/2	16
SCT-DFRC6ES	160	95	50	–	–	–	1

NOTE: SP from filters is 0.70” SP

NEW



SCT-DFRC6ES with 1 filter



SCT-IDB12 with 16 filters shown



BELT DRIVE TUBE AXIAL DUCT FANS

Designed for duct connected applications such as paint booth exhaust, air make-up fans, general exhaust, etc.

BTA - For clean, dry air with a maximum temperature of 200˚F (95˚C)

WTA - For moisture laden air with a maximum temperature of 200˚F (95˚C)

HTA - For clean, dry air with a maximum temperature of 375˚F (190˚C)

To order WTA or HTA models, replace "BTA" with "WTA" or "HTA" in the table below.

Paint color on HTA models is beige.

FEATURES

BTA

- Adjustable motor base.
- Heavy duty pillow block ball bearings with high temperature grease.
- Extended lube lines with external grease fittings.
- TEFC motors are standard.
- Cast aluminum blades up to 48"; fans 54" & 60" have polypropylene reinforced fiberglass blades.
- Airfoil shaped belt tube for improved efficiency; motor, belts, drives and bearings are isolated from air stream.

WTA

- Heavy duty pillow block bearings with moisture displacement collars + stainless steel shaft.

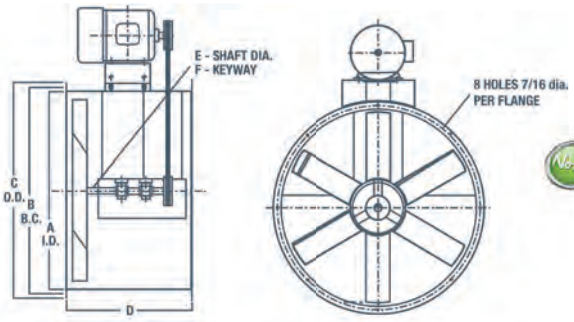
HTA

- Paint color is beige on these models, high temperature bearings and grease.

Non-stock, made-to-order products are non-returnable and cannot be cancelled.

DIMENSIONS

FAN SIZE	A	B	C	D	E	F	WEIGHT (LBS) (less motors & accessories)
12"	12"	14"	15 1/8"	17"	3/4"	3/16"	53
15"	15 3/8"	17"	18 3/8"	17"	3/4"	3/16"	62
18"	18 3/8"	20"	21 3/8"	21"	1"	1/4"	76
24"	24 3/8"	25 7/8"	27 3/8"	21"	1 3/16"	1/4"	132
30"	30 3/8"	32 3/8"	33 3/8"	21"	1 7/16"	3/8"	174
34"	34 3/8"	36 3/8"	37 3/8"	27"	1 7/16"	3/8"	225
36"	36 3/8"	38 3/8"	39 3/8"	27"	1 7/16"	3/8"	239
42"	42 3/8"	44 3/8"	45 3/8"	32"	1 7/16"	3/8"	326
48"	48 3/8"	50 3/8"	51 3/8"	32"	1 15/16"	1/2"	420
54"	54 3/8"	56 3/8"	57 3/8"	40"	1 15/16"	1/2"	552
60"	60 3/8"	62 3/8"	63 3/8"	40"	1 15/16"	1/2"	601



PERFORMANCE SPECIFICATIONS

BLADE DIAMETER	MODEL # SINGLE PHASE	MODEL # THREE PHASE	RPM	H.P.	dBA @ 5 ft.	CFM @ STATIC PRESSURE 0"	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"
12"	BTA12T10075A	BTA12T30075A*	2535	3/4	60	2100	2020	1950	1890	1800	-	-	-	-
	BTA12T10075B	BTA12T30075B*	2865	3/4	64	2370	2330	2240	2190	2120	1940	1590	-	-
	BTA12T10075	BTA12T30075*	3290	3/4+	70	2720	2660	2610	2550	2500	2380	2200	1890	-
	BTA12T10200	BTA12T30200*	3645	2+	74	3020	2970	2910	2860	2810	2720	2600	2420	2150
15"	BTA15T10075A	BTA15T30075A*	1850	3/4	61	2780	2640	2480	2290	2050	-	-	-	-
	BTA15T10075B	BTA15T30075B*	2105	3/4	66	3170	3040	2910	2710	2580	2110	-	-	-
	BTA15T10075	BTA15T30075*	2405	3/4	72	3620	3510	3410	3350	3150	2810	2380	-	-
	BTA15T10100	BTA15T30100*	2660	1.0	75	4000	3910	3810	3690	3590	3320	2990	2570	1140
	BTA15T10150	BTA15T30150*	3040	1.5+	81	4580	4490	4390	4330	4220	3940	3780	3480	3150
18"	BTA18T10075A	BTA18T30075A*	1556	3/4	58	4110	3930	3760	3540	3260	1760	-	-	-
	BTA18T10075B	BTA18T30075B*	1785	3/4	61	4680	4530	4380	4210	4020	3440	1930	-	-
	BTA18T10100	BTA18T30100*	1920	1.0	63	5040	4890	4750	4610	4440	4010	3290	1800	1210
	BTA18T10150	BTA18T30150*	2255	1.5	68	5920	5790	5670	5550	5430	5140	4770	4210	3410
	BTA18T10200	BTA18T30200*	2510	2.0	72	6590	6490	6360	6280	6150	5930	5650	5260	4790
24"	BTA24T10075	BTA24T30075*	1180	3/4	58	6750	6325	5880	5360	4700	2180	-	-	-
	BTA24T10100	BTA24T30100*	1295	1.0	61	7400	7020	6620	6180	5690	4690	1980	-	-
	BTA24T10150	BTA24T30150*	1475	1.5	64	8430	8090	7680	7390	7000	6010	4320	3110	-
	BTA24T10200	BTA24T30200*	1620	2.0	67	9260	8960	8640	8330	7990	7220	6190	6080	4130
	BTA24T10300	BTA24T30300*	1890	3.0	72	10800	10670	10290	10060	9730	8890	8480	7640	6510
30"	BTA30T10100	BTA30T30100*	965	1.0	58	10800	10050	9190	8100	6810	2620	-	-	-
	-	BTA30T30150*	1095	1.5	61	12320	11650	11000	10130	9140	5210	2770	-	-
	BTA30T10200	BTA30T30200*	1225	2.0	64	13810	13170	12550	11930	11100	9120	5260	5320	-
	BTA30T10300	BTA30T30300*	1380	3.0	67	15490	14910	14540	13930	13270	11790	10860	9830	4130
	BTA30T10500	BTA30T30500*	1635	5.0	73	18410	17850	17540	17160	16590	15470	14280	12820	10810
34"	BTA34T10150	BTA34T30150*	895	1.5	61	15100	14000	12880	11300	9420	4800	-	-	-
	BTA34T10200	BTA34T30200*	960	2.0	62	16200	15180	14060	12880	11300	5280	3450	-	-
	BTA34T10300	BTA34T30300*	1125	3.0	66	19000	18120	17220	16270	15200	12350	8070	5320	-
	BTA34T10500	BTA34T30500*	1320	5.0	72	22300	21550	20770	20130	19060	17220	14900	10860	8310
	BTA34T10750	BTA34T30750*	1520	7.5	75	25700	25010	24350	23730	23040	21610	19830	17820	14760
36"	BTA36T10200	BTA36T30200*	910	2.0	63	17820	16650	15420	13980	12190	7310	-	-	-
	BTA36T10300	BTA36T30300*	1045	3.0	66	20490	19220	18410	17550	16020	12050	8270	5190	-
	BTA36T10500	BTA36T30500*	1245	5.0	71	24410	23610	22650	21780	20070	18650	15890	11520	9140
	BTA36T10750	BTA36T30750*	1425	7.5	75	27930	27110	26380	25790	24830	23230	21220	18850	15290
42"	BTA42T10200	BTA42T30200*	770	2.0	60	20690	19920	17310	15080	11320	-	-	-	-
	BTA42T10300	BTA42T30300*	895	3.0	64	24120	22840	21430	19620	17680	10290	-	-	-
	BTA42T10500	BTA42T30500*	1005	5.0	67	27070	25980	24640	23230	21810	17750	10780	6820	-
	BTA42T10750	BTA42T30750*	1205	7.5	72	32420	31520	30640	29530	28290	25760	22510	16620	12290
	BTA42T11000	BTA42T31000*	1335	10.0	75	35910	35170	34340	33410	32390	30120	27730	24640	19620
48"	BTA48T10300	BTA48T30300*	745	3.0	63	25790	24330	22450	20510	17780	-	-	-	-
	BTA48T10500	BTA48T30500*	885	5.0	67	30710	29440	27810	26370	24690	20570	14310	-	-
	BTA48T10750	BTA48T30750*	1005	7.5	71	34830	33850	32310	31080	29810	26690	22390	17120	-
	BTA48T11000	BTA48T31000*	1105	10.0	73	38300	37270	36210	34760	33670	31090	28120	23710	18930
	-	BTA48T31500*	1265	15.0	76	43870	42900	42230	40860	39850	37760	35620	32760	29450
54"	BTA54T10500	BTA54T30500*	710	5.0	69	39490	37130	34510	31680	28260	-	-	-	-
	BTA54T10750	BTA54T30750*	810	7.5	72	45020	42890	40760	38660	35890	29810	20380	-	-
	BTA54T11000	BTA54T31000*	905	10.0	75	50330	48450	46590	44640	42420	37520	31620	22910	15230
	-	BTA54T31500*	1025	15.0	78	57010	55520	53850	52110	50170	46260	42140	36610	28880
60"	BTA60T10750	BTA60T30750*	690	7.5	68	54300	51240	48620	45760	41310	27620	18390	-	-
	BTA60T11000	BTA60T31000*	755	10.0	70	59420	56770	54150	51490	48410	39330	26420	17510	-
	-	BTA60T31500*	870	15.0	73	68490	66320	63840	61710	59300	53450	45310	32880	25690
	-	BTA60T32000*	955	20.0	76	75110	73090	70670	68880	67010	62340	55910	47640	35870

For three phase motors, substitute "*" with "M" for 230/460 volt (If 208V required please specify) or "P" for 575 volt.
+ Motor RPM is 3450. All others are 1750.
dBA ratings shown are measured at 0" static pressure and should be used as a guideline only

OPTIONS & ACCESSORIES

For a complete listing of all available options and accessories available for this fan and ordering guidelines, see **Tube Axial Duct Fan Options & Accessories.** When ordering, replace "T" (in chart above) with ALL letters of the options and accessories required, as shown on **Tube Axial Duct Fan Options & Accessories.**.

Options must be requested at time of order, as they cannot be added later.



DDA - DIRECT DRIVE TUBE AXIAL DUCT FANS

Minimum maintenance. Maximum efficiency.

DDA - For clean, dry air with a maximum temperature of 100˚F (40˚C)

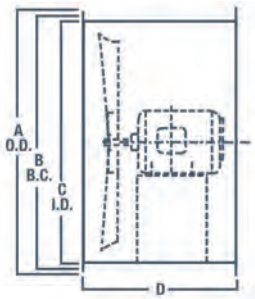
FEATURES

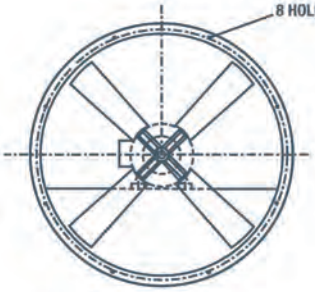
- Cast aluminum blades are standard.
- TEFC motors are standard.

Non-stock, made-to-order products are non-returnable and cannot be cancelled.

DIMENSIONS

FAN SIZE	A	B	C	D	WEIGHT (LBS) (less motors & accessories)
12"	15 1/8"	14"	12"	17"	37
14"	17 3/8"	16"	14 3/8"	17"	TBA
15"	17 7/8"	17"	15 3/8"	17"	42
16"	19 3/8"	18"	16 3/8"	21"	TBA
18"	20 7/8"	20"	18 3/8"	21"	55
20"	23 3/8"	22"	20 3/8"	21"	TBA
24"	27 3/8"	25 7/8"	24 3/8"	21"	102
30"	33 3/8"	32 3/8"	30 3/8"	21"	138
34"	37 3/8"	36 3/8"	34 3/8"	27"	169
36"	39 3/8"	38 3/8"	36 3/8"	27"	181
42"	45 3/8"	44 3/8"	42 3/8"	32"	225
48"	51 3/8"	50 3/8"	48 3/8"	32"	308





PERFORMANCE SPECIFICATIONS

BLADE DIAMETER	MODEL # SINGLE PHASE	MODEL # THREE PHASE	RPM	H.P.	dBA @ 5 ft.	CFM @ STATIC PRESSURE 0"	1/4"	1/2"	3/4"	1"	1 1/4"
12"	DDA12T10033B	DDA12T30033B*	1750	1/3	49	1450	1230	313	-	-	-
	DDA12T10200A	DDA12T30200A*	3450	2.0	72	2860	2740	2640	2530	2410	2140
14"	DDA14T10033C	DDA14T30033C*	1140	1/3	53	1450	443	-	-	-	-
	DDA14T10033B	DDA14T30033B*	1750	1/3	60	2220	1920	1350	512	185	-
15"	DDA15T10033B	DDA15T30033B*	1750	1/3	65	2630	2320	1840	-	-	-
16"	DDA16T10033C	DDA16T30033C*	1140	1/3	56	2150	1640	340	-	-	-
	DDA16T10050B	DDA16T30050B*	1750	1/2	66	3300	3040	2690	1750	825	370
18"	DDA18T10033C	DDA18T30033C*	1140	1/3	59	2990	2450	845	-	-	-
	DDA18T10075B	DDA18T30075B*	1750	3/4	71	4590	4280	3910	3260	1750	-
20"	DDA20T10033C	DDA20T30033C*	1140	1/3	60	4530	3180	739	-	-	-
	DDA20T10100B	DDA20T30100B*	1750	1.0	76	6950	6155	5300	3225	1860	853
	DDA20T10200B	DDA20T30200B*	1750	2.0	78	7893	7486	6506	5336	4060	2513
24"	DDA24T10050C	DDA24T30050C*	1140	1/2	52	4990	4180	2920	1210	-	-
	DDA24T10100C	DDA24T30100C*	1140	1.0	57	6520	5630	4380	1920	813	-
	DDA24T10150C	DDA24T30150C*	1140	1.5	61	8710	7630	6020	2380	720	-
	DDA24T10150B	DDA24T30150B*	1750	1.5	65	7660	7160	6620	5980	5170	4020
	DDA24T10200B	DDA24T30200B*	1750	2.0	66	9210	8660	8090	7470	6660	5540
	DDA24T10300B	DDA24T30300B*	1750	3.0	71	11500	10900	10200	9490	8680	7540
30"	DDA30T10100C	DDA30T30100C*	1140	1.0	57	8680	7480	6000	3630	1550	-
	DDA30T10150C	DDA30T30150C*	1140	1.5	61	11800	10600	8950	6070	3070	-
	-	DDA30T30200C*	1140	2.0	62	12780	11490	9850	7320	3620	-
	-	DDA30T30300C*	1140	3.0	68	16400	14700	12700	6840	4120	-
	DDA30T10300B	DDA30T30300B*	1750	3.0	69	13300	12550	11700	11000	9980	8830
	DDA30T10500B	DDA30T30500B*	1750	5.0	73	18200	17350	16550	15200	14600	13880
	DDA30T10750B	DDA30T30750B*	1750	7.5	77	22600	21980	20650	19030	18300	17550
34"	-	DDA34T30200C*	1140	2.0	64	15300	13800	12000	10490	6070	3440
	-	DDA34T30300C*	1140	3.0	67	19300	17700	15600	12900	8620	6110
	-	DDA34T30500C*	1140	5.0	70	22500	20550	18300	13100	10200	6860
	DDA34T10500B	DDA34T30500B*	1750	5.0	76	18700	17820	16800	15700	14600	13660
	DDA34T10750B	DDA34T30750B*	1750	7.5	76	23500	22600	21500	20400	19300	18160
	-	DDA34T31000B*	1750	10.0	78	27800	26750	25500	24250	23300	22150
	-	DDA34T31500B*	1750	15.0	81	31300	30300	29100	28250	26600	25130
36"	-	DDA36T30200C*	1140	2.0	66	14000	12400	10600	8390	5530	-
	-	DDA36T30300C*	1140	3.0	67	19400	17550	15600	13100	8980	6450
	-	DDA36T30500C*	1140	5.0	68	23600	22050	19700	16850	11700	9220
	DDA36T10500B	DDA36T30500B*	1750	5.0	70	16200	15200	14200	12800	12200	11050
	-	DDA36T30750C*	1140	7.5	72	26100	23800	21600	18350	12900	9730
	DDA36T10750B	DDA36T30750B*	1750	7.5	78	21500	20400	19400	18350	17100	15850
	-	DDA36T31000B*	1750	10.0	79	29700	28550	27300	26150	24900	23700
	-	DDA36T31500B*	1750	15.0	81	34320	32960	31970	30680	29280	28030
42"	-	DDA42T30200D*	860	2.0	61	19200	16300	12400	6720	-	-
	-	DDA42T30300D*	860	3.0	63	23210	20230	16280	8980	3940	-
	-	DDA42T30500D*	860	5.0	66	28900	25600	20800	11100	6290	-
	-	DDA42T30500C*	1140	5.0	68	25500	23550	21100	18300	14200	10100
	-	DDA42T30750C*	1140	7.5	70	30690	28750	26190	23350	19410	12780
	-	DDA42T31000C*	1140	10.0	73	38300	35700	33100	29450	23000	15400
	-	DDA42T31000B*	1750	10.0	76	26700	25200	23750	22380	21100	19570
	-	DDA42T31500B*	1750	15.0	80	39100	38080	36700	34640	33500	32040
	-	DDA42T32000B*	1750	20.0	82	43300	42280	40860	39170	37600	36140
48"	-	DDA48T30500D*	860	5.0	66	29820	26940	23790	12790	12790	6740
	-	DDA48T30750D*	860	7.5	68	35700	32450	28600	16800	16800	8270
	-	DDA48T31000C*	1140	10.0	74	39500	37400	35000	29800	29800	26050
	-	DDA48T31500C*	1140	15.0	76	47300	45050	42300	36200	36200	33490
	-	DDA48T32000C*	1140	20.0	79	53900	51450	48400	42300	42300	37120

For three phase motors, substitute "*" with "M" for 230/460 volt (If 208V required please specify) or "P" for 575 volt.
dBA ratings shown are measured at 0" static pressure and should be used as a guideline only

OPTIONS & ACCESSORIES

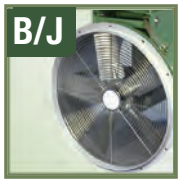
For a complete listing of all available options and accessories available for this fan and ordering guidelines, see **Tube Axial Duct Fan Options & Accessories.**.
When ordering, replace "T" (in chart above) with ALL letters of the options and accessories required, as shown on **Tube Axial Duct Fan Options & Accessories.**.

Options must be requested at time of order, as they cannot be added later.

TUBE AXIAL DUCT FAN OPTIONS & ACCESSORIES



DISCONNECT SWITCH



MC - GUARDS



CR - COMPANION RING



SCV - VERTICAL SUPPORT CLIPS



SCH - HORIZONTAL SUPPORT CLIP



SPL - SUPPORT LEGS



MCVR - MOTOR & BELT COVER



ID - INSPECTION DOOR



BLG - BELT GUARD



WC - WEATHER COVER

REFERENCE	ITEM	DESCRIPTION	SPECIAL ORDERING GUIDELINES
A	**Disconnect Switch** (Accessory)	See page K4 in Controls & Thermostats section for more information.	Ships loose. Available as an accessory ordered separately.
B	**Inlet Guard** (Accessory)	• Spiral plated OSHA guard. • Fits intake or exhaust. • Can be used in conjunction with companion ring.	To order installed, add letter to part number. Also available as an accessory ordered separately.
J	**Outlet Guard** (Accessory)		
C	**Companion Rings** (Accessory)	• 1/4" plate angle ring. • Used to attach guards or ducts to tube axial fans.	To order installed, add letter to part number. Also available as an accessory ordered separately.
D	**Vertical Support Clips** (Accessory)	• 1/4" plate vertical support clips are welded onto fan. • Four clips per end.	Must be requested at time of order.
K	**Horizontal Support Clips** (Accessory)	• 1/4" plage horizontal support clips. • Bolts to the vertical support clips welded onto the fan. • Two clips per end.	Must be requested at time of order. Must be used with vertical clips (D). **Eg)** For a BTA18T10050 with horizontal clips & belt guard, use BTA18DKG10050. **Note:** "D" for vertical clips must be indicated as well as the "K" for horizontal clips.
E	**Support Legs** (Option)	• Heavy duty support legs are welded to the fan. • Suitable for mounting tube axial to the floor. • 4" Standard, 16" available. Consult factory. • Sold in pairs.	Must be requested at time of order.
F	**Motor & Belt Covers** (Accessory)	• 18 gauge galvanized steel. • Acts as both motor and belt cover. • 3/4" expanded metal screen allows motor heat to escape. • Bolts to motor mount.	For HTA/BTA/WTA Fans only. To order installed, add letter to part number. Also available as an accessory ordered separately.
G	**Belt Guard** (Accessory)	• Belt and guards protect the belt and drives. • 18 gauge galvanized steel.	For HTA/BTA/WTA Fans only. Not required with motor cover. To order installed, add letter to part number. Also available as an accessory ordered separately.
H	**Inspection Door** (Option)	• 10" x 12" inspection door. • Hinged and bolted. • Air dry finish. • Can be installed in location specified by customer.	Must be requested at time of order.
I	**Specials (not shown)**	Can include: • Explosion Proof Motors • Steel Fan Blades • Optional Coating	Must be requested at time of order.
L	**Weather Cover** (Accessory)	• 18 gauge galvanized steel. • Acts as both motor and belt cover. • Enclosed for weather protection. • Bolts to motor mount.	For HTA/BTA/WTA Fans only. To order installed, add letter to part number. Also available as an accessory ordered separately.
W (Not Shown)	**Wired Junction Box** (Option)	• Wired junction box using BX cable.	• For BTA models only! • Must be requested at time of order.

ORDERING EXAMPLES:

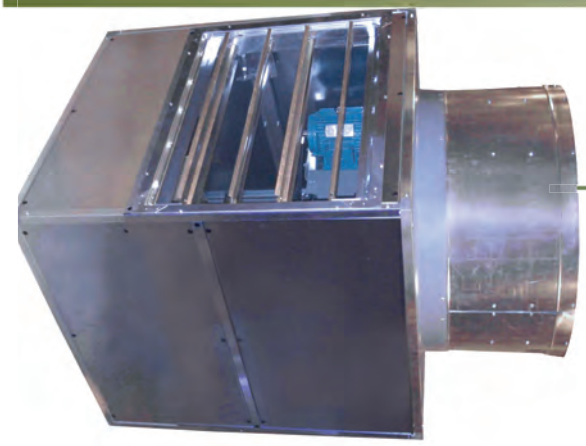
EX 1) If ordering a BTA18T10050 with support legs (E) and an inspection door (H), use **BTA18EH10050**.

EX 2) If ordering a BTA18T10050 with horizontal clips & belt guard, use **BTA18DKG10050**.

	ACCESSORIES			OPTIONS INSTALLED WELDED TO TUBE		
FAN SIZE	COMPANION RING	GUARD	HORIZONTAL CLIP	SUPPORT LEG	VERTICAL CLIP	INSPECTION DOOR
12"	CR12P	MC12G	SCH12-60 *(Must order vertical clip option to use horizontal clip accessory)*	SPL12	SCV12-60	ID12
15"	CR15P	MC15G		SPL15		ID15
18"	CR18P	MC18G		SPL18		ID18
24"	CR24P	MC24G		SPL24		ID24
30"	CR30P	MC30G		SPL30		ID30
34"	CR34P	MC34G		SPL34		ID34
36"	CR36P	MC36G		SPL36		ID36
42"	CR42P	MC42G		SPL42		ID42
48"	CR48P	MC48G		SPL48		ID48
54"	CR54P	MC54G		SPL54		ID54
60"	CR60P	MC60G		SPL60		ID60

ACCESSORIES	
FRAME SIZE	BELT GUARD
48-145T	BLGD1
182T-184T	BLGD2
213T-256T	BLGD3
284 AND UP	BLGD4

ACCESSORIES		
BTA SIZE	WEATHER COVER	MOTOR COVER
12" - 18"	MCVR1-WP	MCVR1
24" - 30"	MCVR2-WP	MCVR2
34" - 36"	MCVR3-WP	MCVR3
42" - 48"	MCVR4-WP	MCVR4
54" - 60"	MCVR5-WP	MCVR5



JFHVA AIR MAKE UP JET FANS

Provides significant energy savings by inexpensively distributing make-up air strategically and comfortably throughout a building.

Air Make-Up Jet Fan systems utilize a propeller fan in conjunction with a modulating face and by-pass control dampers to mix cold outside air with warm inside air, which results in inexpensive, tempered make-up air that can be distributed evenly throughout the work space, providing greater comfort and energy savings.

FEATURES

- Sturdily constructed of galvanized steel with cast aluminum fan blades.
- Outlet duct with straightening vanes to attach air tube.
- TEFC motors are standard.
- Adjustable motor base.
- Large access door hinged and latched on bottom (all models).
- Face and bypass dampers (FBC and FOC optional construction).
- Modulating damper motors (FBC and FOC optional construction).
- Transformers & Remote thermostats (FBC and FOC optional construction).
- NEMA control box enclosure (FBC & FOC optional construction).
- All face and bypass damper linkage enclosed inside cabinet (FBC).
- Optional construction available.

Non-stock, made-to-order products are non-returnable and cannot be cancelled.

PERFORMANCE SPECIFICATIONS

BLADE DIAMETER	MODEL # SINGLE PHASE	MODEL # THREE PHASE	RPM	H.P.	CFM	dBA @ 5 ft.
24"	JFHVA24FBC10075	JFHVA24FBC30075*	1180	3/4	4700	68
	JFHVA24FBC10100	JFHVA24FBC30100*	1295	1	5690	70
	JFHVA24FBC10150	JFHVA24FBC30150*	1475	1 1/2	7000	73
30"	JFHVA30FBC10100	JFHVA30FBC30100*	965	1	6610	69
	JFHVA30FBC10150	JFHVA30FBC30150*	1095	1 1/2	9140	72
	JFHVA30FBC10200	JFHVA30FBC30200*	1225	2	11100	74
36"	JFHVA36FBC10150	JFHVA36FBC30150*	830	1 1/2	8430	72
	JFHVA36FBC10200	JFHVA36FBC30200*	910	2	12190	74
	JFHVA36FBC10300	JFHVA36FBC30300*	1045	3	16020	78
42"	JFHVA42FBC10200	JFHVA42FBC30200*	770	2	11320	74
	JFHVA42FBC10300	JFHVA42FBC30300*	895	3	17680	76
	JFHVA42FBC10500	JFHVA42FBC30500*	1005	5	21810	79
48"	JFHVA48FBC10200	JFHVA48FBC30200*	645	2	11070	71
	JFHVA48FBC10300	JFHVA48FBC30300*	745	3	17880	74
	JFHVA48FBC10500	JFHVA48FBC30500*	885	5	24690	79
	JFHVA48FBC10750	JFHVA48FBC30750*	1005	7 1/2	29810	82

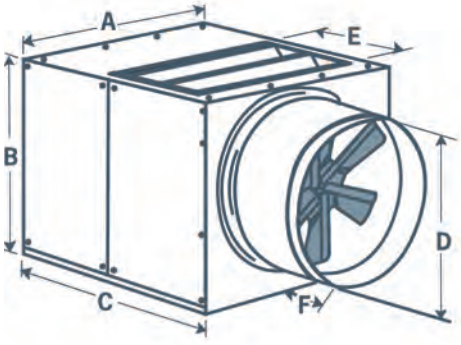
For three phase motors, substitute "*" with "M" for 230/460 volt (If 208V required please specify) or "P" for 575 volt

OPTIONAL CONSTRUCTION: "T" - Jet Fan with Cabinet, Snout, and Straightening Vanes;
"FOC" - Same as above, but with a Face Damper & Controls;
"FBC" - Fan complete with Face and Bypass & Controls (standard)

DIMENSIONS

Fan Size	A	B	C	D	F
24"	32"	32"	36"	25"	18 7/8"
30"	38"	38"	42"	31"	18 7/8"
36"	44"	44"	48"	37"	26 3/4"
42"	50"	50"	54"	42 7/8"	24 1/4"
48"	56"	56"	60"	48 7/8"	27 1/4"

***Please note that this fan is currently under review and the dimensions may change. Please call for details.**



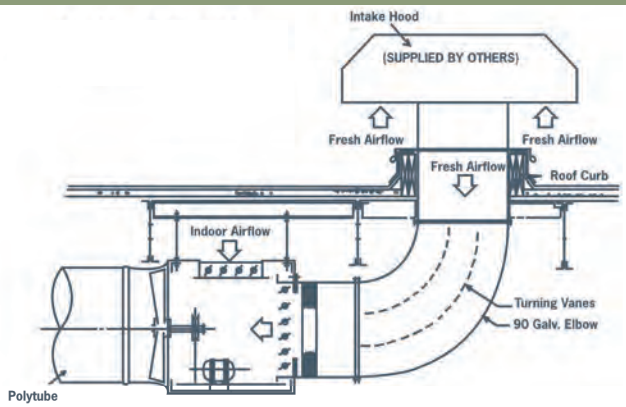
OPTIONS

Canarm supplies the Make-Up fan only. All other components are supplied by others.

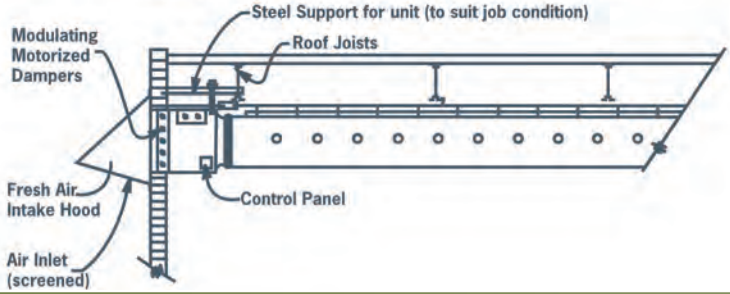
- Polyethylene Fabric Ducts
- Face Dampers (by Canarm)
- Drawband
- Cables
- Roof Curb
- Intake Wall & Roof Hoods
- Reducer
- Hardware Kit

TYPICAL INSTALLATIONS

TYPICAL INSTALLATION - ROOF MOUNT



TYPICAL INSTALLATION - SIDEWALL MOUNT



with
EC MOTORS
for energy savings

A2X/EC SERIES SPUN ALUMINUM EXHAUSTERS

Ideal for exhausting air from restaurants, offices, warehouses or commercial buildings. The A2X series spun aluminum exhaust fan can be used as either a roof top or wall mount exhaust fan.



UPBLAST MODEL

FEATURES

- New low profile design
- Sizes, 10” to 15” with more to follow soon
- Newly designed inlet, wheels improving performance up to 30% by size
- Available with high efficiency EC direct drive motors.
- Roof Exhaust - wall mountable
- Now UL762 approved with guard

Canarm certifies that the A2X Series shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publications 211 & 311 and comply with the requirements of the AMCA Certified Ratings Programme.

SPECIFICATIONS

A2X UPBLAST, DIRECT DRIVE WITH EC MOTOR - PSC MODELS WILL VARY

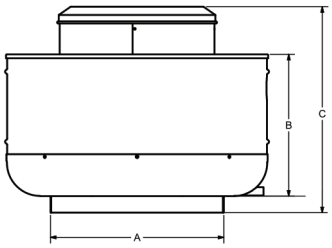
MODEL	MODEL with EC Motor	MAX RPM	MAX HP	0	0.125	0.25	0.5	0.75	1	1.25	1.5
A2X105-UD	A2X105-UD033EC	1800	1/3	1276	1221	1166	1043	890	680	-	-
A2X120-UD	A2X120-UD033EC	1550	1/3	1744	1670	1595	1429	1224	945	-	-
A2X120-UD	A2X120-UD050EC	1800	1/2	2026	1961	1897	1764	1615	1430	1204	577
A2X135-UD	A2X135-UD050EC	1200	1/2	1800	1700	1590	1300	925	-	-	-
A2X135-UD	A2X135-UD075EC	1725	3/4	2598	2524	2451	2303	2130	1939	1709	1415
A2X135-UD	A2X135-UD100EC	1800	1	2711	2640	2570	2429	2267	2100	1884	1631
A2X150-UD	A2X150-UD050EC	1200	1/2	2450	2350	2230	1950	1600	-	-	-
A2X150-UD	A2X150-UD100EC	1625	1	3357	3270	3184	3010	2811	2607	2340	2033

A2X DOWNBLAST, DIRECT DRIVE WITH EC MOTOR - PSC MODELS WILL VARY

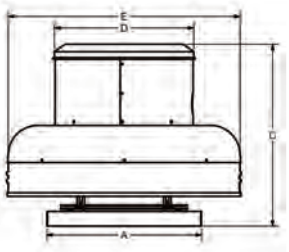
MODEL	MODEL with EC Motor	MAX RPM	MAX HP	0	0.125	0.25	0.5	0.75	1	1.25	1.5
~~A2X105-DD~~	~~A2X105-DD033EC~~	~~1550~~	~~1/3~~	~~1258~~	~~1208~~	~~1154~~	~~1052~~	~~908~~	~~686~~		
A2X120-DD	A2X120-DD033EC	1525	1/3	1692	1621	1550	1372	1152	849	-	-
A2X120-DD	A2X120-DD050EC	1750	1/2	1941	1880	1818	1682	1512	1312	1079	-
A2X120-DD	A2X120-DD075EC	1800	3/4	1997	1937	1877	1749	1584	1394	1176	578
A2X135-DD	A2X135-DD050EC	1200	1/2	1760	1675	1560	1275	870	-	-	-
A2X135-DD	A2X135-DD075EC	1725	3/4	2561	2492	2423	2285	2098	1892	1660	1380
A2X135-DD	A2X135-DD100EC	1800	1	2672	2606	2540	2408	2237	2052	1835	1592
A2X150-DD	A2X150-DD050EC	1200	1/2	2444	2333	2223	1939	1579	680	-	-
A2X150-DD	A2X150-DD100EC	1600	1	3259	3176	3093	2900	2700	2450	2205	1895



DOWNBLAST MODEL



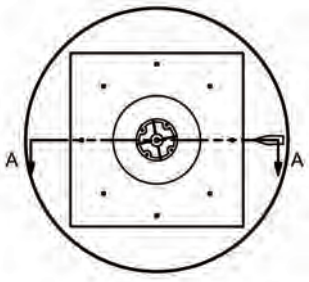
UPBLAST

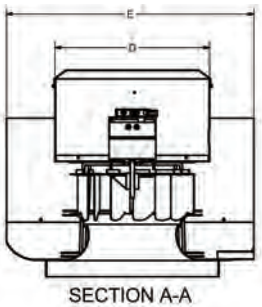


DOWNBLAST

DIMENSIONS

MODEL	WHEEL DIA.	DRIVE	A	B	C	D	E
A2X105	10.5"	DIRECT	19"	13.0"	19.687"	13.125"	19.852"
A2X120	12.25"	DIRECT	19"	13.0"	21.0625"	15.313"	23.160"
A2X135	13.5"	DIRECT	21"	17.25"	23.0625"	16.875"	25.523"
A2X150	15"	DIRECT	21"	17.25"	24.0625"	18.750"	28.359"





SECTION A-A

NEW | now with EC MOTORS for energy savings

ALX-UD & ALX-UD-EC SERIES - UPBLAST DIRECT DRIVE SPUN ALUMINUM EXHAUSTERS



Ideal for exhausting air from restaurants, offices, warehouses or commercial buildings. The ALX series spun aluminum exhaust fan can be used as either a roof top or wall mount exhaust fan.

For Performance Specifications please see next page.



FEATURING PERFECT SPEED EC MOTORS - UP TO 82% EFFICIENCY

ENERGY SAVINGS OF UP TO 70% OVER REGULAR DUTY PSC MOTORS

Intertek
705 762

FEATURES

- Spun aluminum housing will not rust, chip or peel.
- Aluminum backward inclined wheel is non-overloading.
- Available with PSC or EC motors
- Variable speed PSC motors available on ALX 090/105/120/135
- All motors are 1 Phase 120/240V operation and can be operated at 50 or 60 Hz.
- All units can be wall mounted.
- Quick release latches for easy motor access

EC MOTORS ONLY

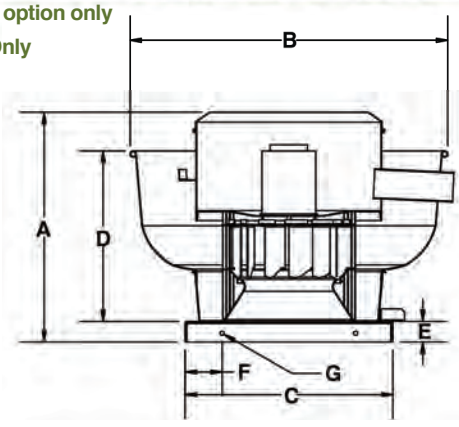
- EC motors offer true variable speed operation and up to 70% energy savings over PSC motors.
- On-board speed adjustment allows simple setup and balancing with LED display.
- Can be controlled remotely up to 50' using a remote mount potentiometer or 0-10V.

DIMENSIONS

MODEL	DIMENSIONS (INCHES)										WEIGHT (lbs)
	A	B	C	C2	D	E	F	G Ø	Wheel Diameter	Roof Opening	
ALX090-UD**	14.25	17.75	19.00	-	9.50	2.00	-	-	9.00	13.00	30
ALX105-UD	18.00	25.00	19.00	21.00	13.00	1.50	3.50	0.38	10.50	15.00	35
ALX120-UD	19.00	25.00	19.00	21.00	13.00	1.50	3.50	0.38	12.25	15.00	37
ALX135-UD	22.25	32.13	21.00	24.75	17.13	2.00	3.75	0.44	13.50	17.00	53
ALX150-UD	23.13	32.13	21.00	24.75	17.13	2.00	3.75	0.44	15.00	17.00	58
ALX165-UD	27.13	37.50	24.75	28.00	21.13	2.00	4.00	0.44	16.50	20.75	100
ALX180-UD*	31.75	37.50	28.00	24.75	21.13	2.00	4.00	0.44	18.25	20.75	116
ALX210-UD*	36.25	43.75	33.13	40.00	25.50	2.50	4.00	0.44	21.00	29.00	178

*EC motor option only

** UL705 Only



OPTIONS

- Motorized damper (UL705 models only)
- Gravity (automatic) damper (UL705 models only)
- Wall mount bracket (for all sizes up to 24")
- Bird screen (UL705 only)
- Grease collection box (required for UL762)
- Curb hinge
- Disconnect switches
- Roof Curbs
- MC series solid state variable speed controls (ALX105-135 models)
- Remote mount potentiometer (available soon - EC models)
- • Other base (curb cap) options available. See C2 in dimensions table.

DISCONNECT SWITCHES

- Wire disconnect switches are available.
  See Controls & Thermostats section for details.

UL762

UL762 certified, refer to our UL762 Catalogue page *C* in *Roof Mount Ventilation* for all installation requirements

amca CERTIFIED RATINGS SOUND AIR PERFORMANCE

Canarm certifies that the ALX-UD Series shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publications 211 & 311 and comply with the requirements of the AMCA Certified Ratings Programme.

ALX-UD & ALX-UD-EC SERIES - UPBLAST DIRECT DRIVE SPUN ALUMINUM EXHAUSTERS



PERFORMANCE SPECIFICATIONS & CFM RATINGS

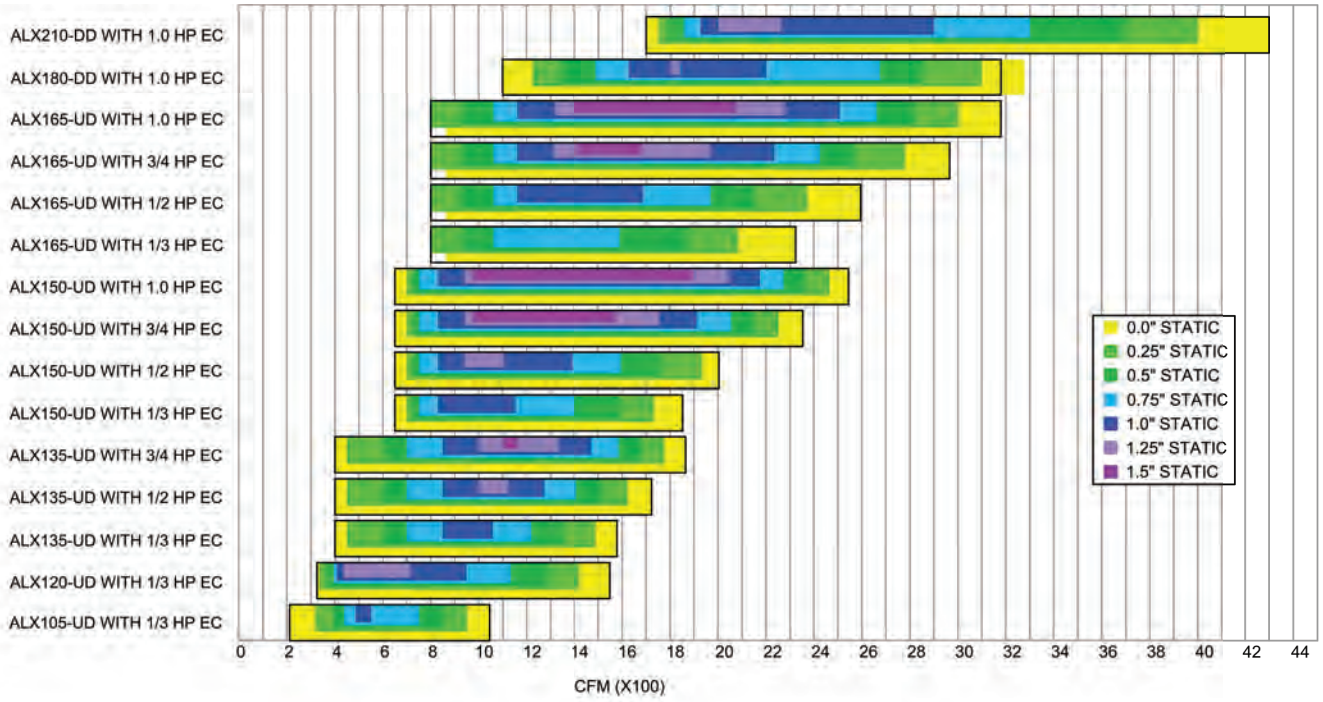
UNIT	MOTOR			AIRFLOW (CFM) @ STATIC PRESSURE															
	HP	VARIABLE SPEED	MAX. RPM	0.0"		.25"		.5"		.75"		1.00"		1.25"		1.5"		2.0"	
				High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
ALX090-UD008V***	1/12	Y	1650	525	275	425	100	340	100	-	-	-	-	-	-	-	-	-	-
ALX105-UD013V	1/8	Y*	1650	950	526	850	451	725	300	-	-	-	-	-	-	-	-	-	-
ALX105-UD033EC	1/3	Y	1800	1051	217	954	319	866	393	732	440	534	483	-	-	-	-	-	-
ALX120-UD033V	1/3	Y*	1650	1400	977	1300	826	1175	751	1050	601	850	451	-	-	-	-	-	-
ALX120-UD050EC	1/2	Y	1800	1548	325	1422	336	1282	367	1133	395	947	408	633	438	-	-	-	-
ALX135-UD050V	1/2†	Y	1650	1950	-	1900	-	1800	-	1650	-	1550	-	1400	-	1300	-	-	-
ALX135-UD033EC	1/3	Y	1350	1578	400	1491	450	1346	600	1212	700	1053	850	-	-	-	-	-	-
ALX135-UD050EC	1/2	Y	1550	1850	400	1775	450	1650	600	1525	700	1375	850	1200	1000	-	-	-	-
ALX135-UD075EC	3/4	Y	1750	2100	400	2000	450	1900	600	1800	700	1700	850	1575	1000	1450	1100	-	-
ALX150-UD100S	1	N	1650	2450	-	2375	-	2275	-	2150	-	2050	-	1875	-	1700	-	-	-
ALX150-UD033EC	1/3	Y	1100	1735	600	1594	579	1403	663	1157	767	-	-	-	-		-	-	-
ALX150-UD050EC	1/2	Y	1350	2003	581	1934	688	1754	680	1595	733	1389	823	1114	765	-	-	-	-
ALX150-UD075EC	3/4	Y	1550	2353	696	2261	711	2161	733	2048	674	1917	827	1751	940	1574	980	1269	1052
ALX150-UD100EC	1	Y	1700	2544	647	2462	643	2361	732	2276	680	2173	830	2050	940	1896	972	1496	1144
ALX165-UD150S	1 1/2	N	1650	3400	-	3300	-	3200	-	3000	-	2900	-	2800	-	2600	-	2200	-
ALX165-UD050EC	1/2	Y	1200	2595	861	2372	800	2155	921	1970	1068	1687	1155	-	-	-	-	-	-
ALX165-UD075EC	3/4	Y	1350	2965	861	2780	800	2579	921	2427	1068	2236	1155	1986	1318	1682	1405	-	-
ALX165-UD100EC	1	Y	1500	3179	878	3004	851	2816	921	2662	1068	2507	1155	2293	1318	2064	1405	1749	1524
ALX180-UD100EC	1	Y	1200	3400	1100	3200	1225	3000	1350	2700	1475	2400	1625	2025	1750	-	-	-	-
ALX210-UD100EC	1		900	4300	1700	4000	1750	3725	1800	3400	1850	2900	1950	2200	2025	-	-	-	-

*** Using MC5 (for 115V or MC5-230 (for 230V)**
**** Using MC10 (for 115V or MC5-230 (for 230V)**
***** UL705 Only**
†3/4HP motor may be subbed due to motor availability

Minimum motor speed 425 RPM (EC Models)

EC motors can be controlled using the built in potentiometer on motor or by using a 0 to 10 V controller, or by a remote potentiometer.

ALX UPBLAST SERIES AIRFLOW RANGE WITH EC MOTORS





ALX-UB SERIES - UPBLAST BELT DRIVE SPUN ALUMINUM EXHAUSTERS

Intertek
705 762

Ideal for exhausting air from restaurants, offices, warehouses or commercial buildings. The ALX series spun aluminum exhaust fan can be used as either a roof top or wall mount exhaust fan.

Now stocked (or with a 3-5 day lead time) complete with pre-set motor and drives using adjustable motor pulley for field adjustment!

For Performance Specifications please see next page.



AVAILABLE WITH MOTORS & DRIVES FACTORY INSTALLED. CONSULT OUR DELAIR FAN SELECTION SOFTWARE FOR DETAILS.



QUICK RELEASE LATCHES FOR EASY MOTOR ACCESS

FEATURES

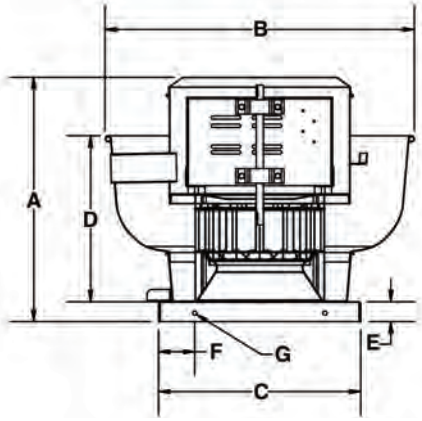
- Spun aluminum housing will not rust, chip or peel.
- Aluminum backward inclined wheel is non-overloading.
- Belt drive.
- Available with a variety of field or factory installed 1 phase & 3 phase motors.
- Units up to 24" (max 2HP) can be wall mounted.
- Quick release latches for easy motor access.

DIMENSIONS

NOTE: DUE TO MOTOR MANUFACTURERS VARIANCES IN DESIGN, PLEASE SEE USER MANUAL FOR MOTOR DIMENSIONAL GUIDELINES.

MODEL	DIMENSIONS (INCHES)											Net Weight (Without Motors)
	A	B	C	C2	D	E	F	G Ø	Shaft Size	Wheel Diameter	Roof Opening	
ALX135-UB	25.25	32.13	21.00	24.75	17.13	2.00	3.75	0.44	3/4"	13.50	17.00	43 lbs
ALX150-UB	26.13	32.13	21.00	24.75	17.13	2.00	3.75	0.44	3/4"	15.00	17.00	45 lbs
ALX165-UB	31.13	37.50	24.75	28.00	21.13	2.00	4.00	0.44	3/4"	16.50	20.75	108 lbs
ALX180-UB	31.75	37.50	28.00	24.75	21.13	2.00	4.00	0.44	3/4"	18.25	20.75	116 lbs
ALX210-UB	36.25	43.75	33.13	40.00	25.50	2.50	4.00	0.44	1"	21.00	29.00	178 lbs
ALX245-UB	37.00	43.75	33.13	40.00	25.50	2.50	4.00	0.44	1"	24.50	29.00	183 lbs
ALX300-UB	40.00	52.75	40.00	-	33.50	2.00	-	-	1 3/16"	30.00	36.00	410 lbs
ALX360-UB	45.56	63.44	44.00	-	43.44	2.00	-	-	1 3/16"	36.00	40.00	470 lbs

Note: Net weights for belt drive units do not include motor & drives.



OPTIONS

- Motorized damper (UL705 models only)
- Gravity (automatic) damper (UL705 models only)
- Wall mount bracket (for all sizes up to 24")
- Bird screen (UL705 only)
- Grease collection box (required for UL762)
- Curb hinge
- Disconnect switches
- VFD's for 3 phase motors
- Roof curbs
- Other base (curb cap) options available. See C2 in dimensions table.

DISCONNECT SWITCHES

- Wire disconnect switches are available.
  See Controls & Thermostats section for details.

UL762

UL762 certified, refer to our UL762 Catalogue page *C* in *Roof Mount Ventilation* for all installation requirements

amca CERTIFIED RATINGS SOUND AND AIR PERFORMANCE

Canarm certifies that the ALX-UB Series shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publications 211 & 311 and comply with the requirements of the AMCA Certified Ratings Programme.



ALX-UB SERIES - UPBLAST BELT DRIVE SPUN ALUMINUM EXHAUSTERS

PERFORMANCE SPECIFICATIONS

ALX UB WITH MOTORS & DRIVES and wired disconnect

							Values @ 0.5" SP									
Single	Three Phase	RPM Range	HP	RPM	BHP	Sones	0	0.125	0.25	0.375	0.5	0.75	1	1.25	1.5	1.75
ALX135UBT10025**		862-1293	1/4	1078	0.15	8.6	1204	1133	1053	970	870	-	-	-	-	-
ALX135UBT10033**		932-1398	1/3	1260	0.24	12.8	1405	1348	1284	1220	1143	964	-	-	-	-
ALX135UBT10050**		1122 - 1552	1/2	1458	0.36	16.5	1629	1581	1523	1466	1405	1274	1124	-	-	-
ALX150UBT10050**		932-1398	1/2	1288	0.41	20	1901	1849	1801	1738	1666	1470	1239	-	-	-
ALX150UBT10075**		1078-1617	3/4	1528	0.67	27	2261	2218	2175	2132	2079	1949	1786	1599	1364	-
ALX150UBT10100	ALX150UBT30100*	1341-1820	1	1653	0.85	31	2443	2405	2367	2328	2280	2175	2040	1877	1705	1489
ALX165UBT10100	ALX165UBT30100*	1097-1489	1	1323	0.66	21	2598	2554	2471	2419	2350	2170	1954	1709	-	-
ALX165UBT10150	ALX165UBT30150*	1254-1646	1.5	1554	1.03	26	3050	3006	2929	2903	2847	2724	2576	2391	2192	-
ALX180UBT10100	ALX180UBT30100*	980-1293	1	1241	0.95	25	3504	3416	3327	3217	3114	2871	2584	2261	-	-
ALX180UBT10200	ALX180UBT30200*	1097-1489	2	1403	1.35	30	3967	3886	3805	3717	3636	3438	3202	2952	2673	2342
ALX210UBT10150	ALX210UBT30150*	862-1132	1.5	1017	1.38	21	4792	4640	4488	4336	4152	3761	3321	2705	-	-
ALX245UBT10150	ALX245UBT30150*	673-889	1.5	790	1.22	18.9	5668	5450	5208	4955	4655	3907	2998	-	-	-
ALX245UBT10200	ALX245UBT30200*	745-979	2	862	1.58	22	6186	5968	5772	5542	5289	4678	3930	2975	-	-
ALX245UBT10300	ALX245UBT30300*	862-1132	3	964	2.20	28	6913	6738	6562	6338	6146	5666	5075	4403	3588	-

** 115V only. All other motors will be wired at high voltage.
For three phase motors, substitute "" with "M" for 230/460 volt (wired for 460V) or "P" for 575 volt

UL705 = 1Ø Only

ALX UB WITHOUT MOTORS & DRIVES

	MODEL	MIN HP	MAX HP	MAX RPM	TYPICAL MAXIMUM CFM @ SP								
					0"	0.25"	0.5"	0.75"	1"	1.25"	1.5"	2"	2.25"
Use Delair to price with motors and drives	ALX135-UB		3/4	1800	2009	1900	1800	1700	1600	1500	1400	-	-
	ALX150-UB	1/4	1.5	1800	2700	2600	2500	2400	2300	2200	2000	1700	-
	ALX165-UB	1/4	2	1800	3600	3500	3400	3300	3200	3000	2900	2600	2400
	ALX180-UB	1/4	2	1500	4200	4100	3900	3800	3600	3300	3100	2500	1700
	ALX210-UB	1/2	3	1300	6100	5900	5700	5400	5100	4800	4400	3600	2900
	ALX245-UB	1/2	5	1200	8600	8300	8000	7700	7300	6900	6400	5300	4700
	ALX300-UB	3/4	5*	950	12000	11500	11000	10300	9800	9000	8250	7000	6000
	ALX360-UB	3/4	7.5*	850	22000	20500	20000	19250	18500	17000	16000	14000	12500

Consult our Delair fan selection software for fan curves and performance data.
Download Delair at www.canarm.com/delair

* Motor adaptor plate required for 3HP+

NEW | now with EC MOTORS for energy savings

ALX-DD & ALX-DD-EC SERIES DOWNBLAST DIRECT DRIVE SPUN ALUMINUM EXHAUSTERS



QUICK RELEASE LATCH FOR EASY MOTOR ACCESS

Intertek 705

Ideal for exhausting air from factories, offices, warehouses or commercial buildings. The ALX series spun aluminum exhaust fan can be used as either a roof top or wall mount exhaust fan.

For Performance Specifications please see next page.

Consult our Delair fan selection software for fan curves and performance data

Download Delair at www.canarm.com/delair



FEATURING PERFECT SPEED EC MOTORS - UP TO 82%EFFICIENCY

ENERGY SAVINGS OF UP TO 70% OVER REGULAR DUTY PSC MOTORS

FEATURES

- Spun aluminum housing will not rust, chip or peel.
- Aluminum backward inclined wheel is non-overloading.
- Available with PSC or EC Motors
- Variable speed PSC Motors available on ALX 090/105/120/135
- All motors are 1 Phase 120/240V operation and can be operated at 50 or 60 Hz.
- All units can be wall mounted.
- Quick release latches for easy motor access on ALX135 – ALX165.

EC MOTORS ONLY

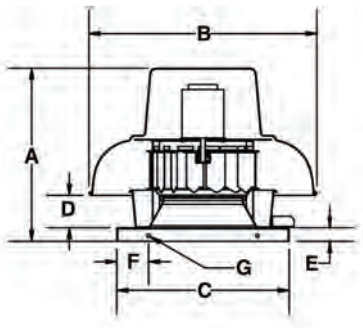
- EC motors offer true variable speed operation and up to 70% energy savings over PSC motors.
- On-board speed adjustment allows simple setup and balancing with LED display.
- Can be controlled remotely up to 50' using a remote mount potentiometer or 0-10V.

DIMENSIONS

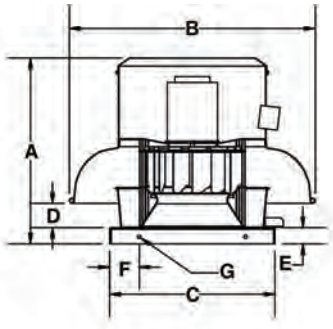
MODEL	DIMENSIONS (INCHES)										WEIGHT (lbs)
	A	B	C	C2	D	E	F	G Ø	Wheel Diameter	Roof Opening	
ALX090-DD	14.5	20.75	19	-	-	2	-	-	9	13	30
ALX105-DD	18.00	25.00	19.00	21.00	2.50	1.50	3.50	0.38	10.50	15.00	33
ALX120-DD	19.00	25.00	19.00	21.00	3.50	1.50	3.50	0.38	12.25	15.00	35
ALX135-DD	22.25	31.25	21.00	24.75	3.13	2.00	3.75	0.44	13.50	17.00	51
ALX150-DD	23.13	31.25	21.00	24.75	3.75	2.00	3.75	0.44	15.00	17.00	56
ALX165-DD	27.13	36.25	24.75	28.00	5.00	2.00	4.00	0.44	16.50	20.75	100
ALX180-DD*	31.75	36.25	28.00	24.75	5.50	2.00	4.00	0.44	18.25	20.75	114
ALX210-DD*	36.25	43.75	33.13	40.00	5.25	2.50	4.00	0.44	21.00	29.00	176

*EC motor option only

ALX105 / 120 - DD



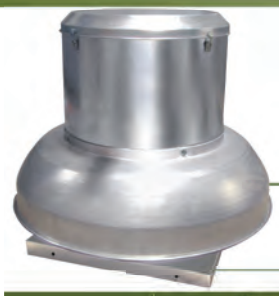
ALX135 / 150 / 165 / 180 - DD



OPTIONS & ACCESSORIES

- Motorized damper
- Gravity (automatic) damper
- Wall mount bracket (for all sizes up to 24")
- Bird screen
- Curb hinge
- Disconnect switches
- Roof Curbs
- MC series solid state variable speed controls (ALX 150/120 and 135)
- Remote mount potentiometer (available soon - EC models)
- Other base (curb cap) options available. See C2 in dimensions table.

Canarm certifies that the ALX-DD Series shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publications 211 & 311 and comply with the requirements of the AMCA Certified Ratings Programme.



ALX-DD & ALX-DD-EC SERIES - DOWNBLAST DIRECT DRIVE SPUN ALUMINUM EXHAUSTERS

PERFORMANCE SPECIFICATIONS & CFM RATINGS

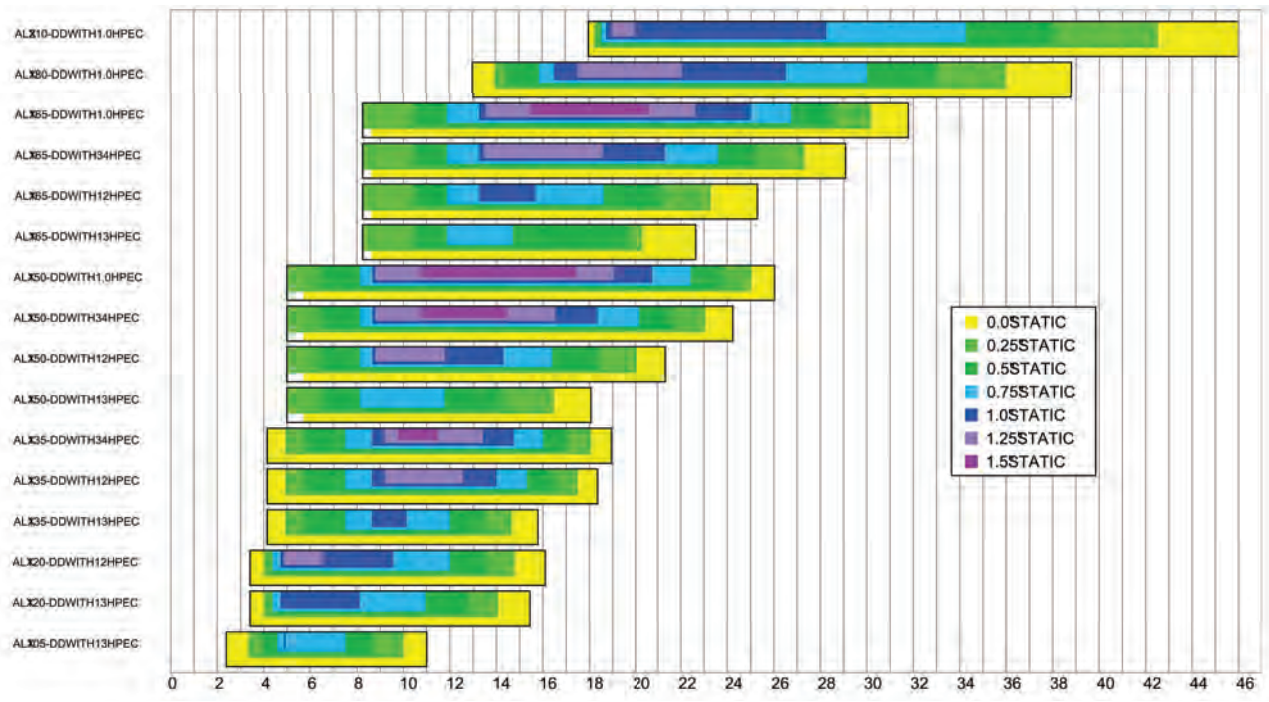
Unit	Motor			Airflow (CFM) @ Static Pressure															
	HP	Variable Speed	Max RPM	0.0"		.25"		.5"		.75"		1.00"		1.25"		1.5"		2.0"	
				High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
ALX090-DD008V	1/12	Y	1650	500	250	425	100	300	100	-	-	-	-	-	-	-	-	-	-
ALX105-DD013V	1/8	Y*	1650	950	526	875	451	760	225	-	-	-	-	-	-	-	-	-	-
ALX105-DD033EC	1/3	Y	1800	1100	239	1003	335	877	396	729	460	486	486	-	-	-	-	-	-
ALX120-DD033V	1/3	Y*	1650	1300	977	1200	901	1000	751	800	601	600	451	-	-	-	-	-	-
ALX120-DD033EC	1/3	Y	1700	1544	341	1406	400	1279	436	1095	438	810	472	-	-	-	-	-	-
ALX120-DD050EC	1/2	Y	1800	1610	341	1477	400	1357	436	1201	438	955	472	571	484	-	-	-	-
ALX135-DD050V	1/2!	Y	1650	1950	-	1900	-	1800	-	1650	-	1550	-	1400	-	1300	-	-	-
ALX135-DD033EC	1/3	Y	1350	1578	414	1469	494	1341	574	1194	750	1009	865	-	-	-	-	-	-
ALX135-DD050EC	1/2	Y	1550	1843	414	1747	494	1645	574	1530	750	1405	865	1258	919	-	-	-	-
ALX135-DD075EC	3/4	Y	1800	2150	414	2075	494	2000	574	1900	750	1700	865	1600	919	1450	977	-	-
ALX150-DD100S	1	N	1650	2600	-	2500	-	2400	-	2250	-	2075	-	1950	-	1775	-	-	-
ALX150-DD033EC	1/3	Y	1250	1806	570	1649	499	1425	633	1179	812	-	-	-	-	-	-	-	-
ALX150-DD050EC	1/2	Y	1475	2133	570	2003	499	1842	633	1640	812	1430	866	1175	879	-	-	-	-
ALX150-DD075EC	3/4	Y	1675	2424	570	2312	499	2182	633	2016	812	1837	866	1654	879	1448	1072	-	-
ALX150-DD100EC	1	Y	1700	2625	570	2575	499	2450	633	2300	812	2150	866	2000	879	1800	1072	1325	1116
ALX165-DD150S	1 1/2	N	1650	3500	-	3400	-	3200	-	3100	-	2900	-	2700	-	2600	-	2100	-
ALX165-DD033EC	1/3	Y	1100	2264	860	2034	825	1787	1044	1470	1194	-	-	-	-	-	-	-	-
ALX165-DD050EC	1/2	Y	1250	2529	860	2328	825	2115	1044	1861	1194	1568	1320	-	-	-	-	-	-
ALX165-DD075EC	3/4	Y	1450	2909	860	2731	825	2546	1044	2362	1194	2132	1320	1879	1441	-	-	-	-
ALX165-DD100EC	1		1600	3250	860	3100	825	3000	1044	2850	1194	2650	1320	2500	1441	2350	1545	-	-
ALX180-DD100EC	1	Y	1200	3800	1300	3625	1380	3325	1450	3000	1550	2650	1650	2200	1750	-	-	-	-
ALX210-DD100EC	1	Y	900	4400	1800	4000	1825	3600	1875	3200	1900	2400	1925	-	-	-	-	-	-

*** Using MC5 (for 115V or MC5-230 (for 230V)**
**** Using MC10 (for 115V or MC5-230 (for 230V)**

Minimum motor speed 425 RPM (EC Models)

EC motors can be controlled using the built in potentiometer on motor or by using a 0 to 10 V controller, or by a remote potentiometer.

ALX DOWNBLAST SERIES AIRFLOW RANGE WITH EC MOTORS





ALX-DB SERIES - DOWNBLAST BELT DRIVE SPUN ALUMINUM EXHAUSTERS

Ideal for exhausting air from factories, offices, warehouses or commercial buildings. The ALX series spun aluminum exhaust fan can be used as either a roof top or wall mount exhaust fan.

Now stocked (or with a 3-5 day lead time) complete with pre-set motor and drives using adjustable motor pulley for field adjustment!

For Performance Specifications please see next page.

Intertek 705



AVAILABLE WITH MOTORS & DRIVES FACTORY INSTALLED. CONSULT OUR DELAIR FAN SELECTION SOFTWARE FOR DETAILS. SEE NEXT PAGE.



QUICK RELEASE LATCH FOR EASY MOTOR ACCESS

FEATURES

- Spun aluminum housing will not rust, chip or peel.
- Aluminum backward inclined wheel is non-overloading.
- Belt drive
- Available with a variety of field or factory installed 1 phase & 3 phase motors.
- Units up to 24" (max 2HP) can be wall mounted.
- Quick release latches for easy motor access.
- Standard bird screen.

DIMENSIONS

NOTE: DUE TO MOTOR MANUFACTURERS VARIANCES IN DESIGN, PLEASE SEE USER MANUAL FOR MOTOR DIMENSIONAL GUIDELINES.

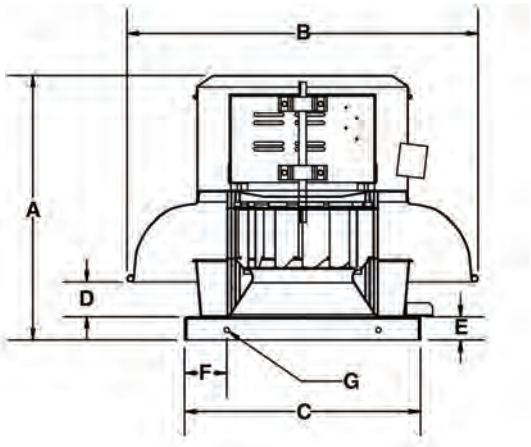
MODEL	DIMENSIONS (INCHES)											Net Weight (Without Motors)
	A	B	C	C2	D	E	F	G Ø	Shaft Size	Wheel Diameter	Roof Opening	
ALX135-DB	25.25	31.25	21.00	24.75	3.13	2.00	3.75	0.44	3/4"	13.50	17.00	41 lbs
ALX150-DB	26.13	31.25	21.00	24.75	3.75	2.00	3.75	0.44	3/4"	15.00	17.00	43 lbs
ALX165-DB	31.13	36.25	24.75	28.00	5.00	2.00	4.00	0.44	3/4"	16.50	20.75	106 lbs
ALX180-DB	31.75	36.25	28.00	24.75	5.50	2.00	4.00	0.44	3/4"	18.25	20.75	114 lbs
ALX210-DB	36.25	43.75	33.13	40.00	5.25	2.50	4.00	0.44	1"	21.00	29.00	176 lbs
ALX245-DB	37.00	43.75	33.13	40.00	5.88	2.50	4.00	0.44	1"	24.50	29.00	181 lbs
ALX300-DB	40.00	52.82	40.00	-	-	2.00	-	-	1 3/16"	30	36.00	380 lbs
ALX360-DB	45.56	63.31	44	-	-	2	-	-	1 3/16"	36	40	470 lbs

Note: Net weights for belt drive units do not include motor & drives.

Canarm certifies that the ALX-DB Series shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publications 211 & 311 and comply with the requirements of the AMCA Certified Ratings Programme.

OPTIONS & ACCESSORIES

- Motorized damper
- Gravity (automatic) damper
- Wall mount bracket (for all sizes up to 24")
- Roof curb
- Disconnect switch
- Hinge kits
- VFD for 3 phase motors
- Other base (curb cap) options available. See C2 in dimensions table.





ALX-DB SERIES - DOWNBLAST BELT DRIVE SPUN ALUMINUM EXHAUSTERS

PERFORMANCE SPECIFICATIONS

ALX DB WITH MOTORS & DRIVES and wired disconnect

Values @ 0.5" SP															
Single	Three Phase	RPM Range	HP	RPM	BHP	Sones	0	0.125	0.25	0.375	0.5	0.75	1	1.25	1.5
ALX135DBT10025**	_	862-1293	1/4	1091	0.18	9.6	1303	1236	1162	1063	967	-	-	-	-
ALX135DBT10033**	_	932-1398	1/3	1255	0.27	12.9	1498	1443	1383	1306	1226	1050	-	-	-
ALX135DBT10050**	_	1121 - 1552	1/2	1441	0.4	16.3	1722	1674	1623	1565	1501	1351	1191	-	-
ALX150DBT10050**	_	932-1398	3/4	1185	0.35	16.6	1856	1784	1708	1616	1497	1143	-	-	-
ALX150DBT10075**	_	1078-1617	3/4	1401	0.56	23	2196	2132	2072	2004	1920	1732	1548	1297	-
ALX150DBT10100	ALX150DBT30100*	1340-1820	1	1515	0.7	26	2376	2320	2264	2196	2132	1964	1792	1604	1353
ALX165DBT10100	ALX165DBT30100*	1097-1489	1	1249	0.61	21	2600	2611	2509	2407	2300	2089	1828	1427	-
ALX165DBT10150	ALX165DBT30150*	1254-1646	1 1/2	1455	0.94	26	3100	3076	2993	2898	2800	2630	2427	2204	1980
ALX180DBT10100	ALX180DBT30100*	980-1293	1	1111	0.83	21	3682	3583	3420	3263	3090	2706	2239	-	-
ALX180DBT10200	ALX180DBT30200*	1097-1489	2	1242	1.14	27	4089	4002	3878	3755	3605	3296	3966	2526	1936
ALX210DBT10150	ALX210DBT30150*	862-1132	1 1/2	977	1.12	19.3	4860	4746	4551	4344	4104	3570	2920	-	-
ALX245DBT10150	ALX245DBT30150*	673-889	1 1/2	800	1.38	19.4	5910	5668	5415	5081	4759	4068	3170	-	-
ALX245DBT10200	ALX245DBT30200*	745-979	2	871	1.76	23	6428	6210	5979	5691	5404	4794	4080	-	-
ALX245DBT10300	ALX245DBT30300*	862-1132	3	973	2.44	27	7188	6992	6797	6566	6313	5761	5231	4563	3769

** 115V only. All other motors will be wired at high voltage.
For three phase motors, substitute "" with "M" for 230/460 volt (wired for 460V) or "P" for 575 volt

UL705 = 1Ø Only

ALX DB WITHOUT MOTORS & DRIVES

	MODEL	MIN HP	MAX HP	MAX RPM	TYPICAL MAXIMUM CFM @ SP								
					0"	0.25"	0.5"	0.75"	1"	1.25"	1.5"	2"	2.25"
Use Delair to price with motors and drives	ALX135-DB		3/4	1800	2200	2100	2000	1900	1800	1600	1500	-	-
	ALX150-DB	1/4	1	1800	2800	2700	2600	2500	2400	2200	2100	1700	1400
	ALX165-DB	1/4	2	1800	3800	3700	3600	3400	3300	3100	3000	2600	2400
	ALX180-DB	1/4	2	1500	4900	4700	4500	4300	3900	3700	3500	2700	1000
	ALX210-DB	1/2	3	1300	6500	6200	5900	5600	5300	4900	4400	3100	2000
	ALX245-DB	1/2	5	1200	8900	8500	8200	7800	7400	6900	6500	5400	4700
	ALX300-DB	3/4	5*	860	13500	13250	13000	12250	11500	11000	10250	8500	7500
	ALX360-DB	3/4	7.5*	800	23250	22500	22000	21250	20500	19000	18250	16000	-

Consult our Delair fan selection software for fan curves and performance data.
Download Delair at www.canarm.com/delair

* Motor adaptor plate required for 3HP+



RTA-SH - SMOKE & HEAT REMOVAL BELT DRIVE ROOF EXHAUSTERS

Belt drive, heavy duty construction ideal for industrial & commercial applications.

RTA-SH model suitable for normal use in clean, dry air with a maximum ambient temperature of 93° C (200° F).
RTA-SH is designed to exhaust smoke in the event of a fire. It is in compliance with smoke control systems requirements of 500°F for 4 hours and 1000°F for 15 minutes. Two spring loaded arms are released when temperatures reach above 165°F to force open the dampers.

FEATURES

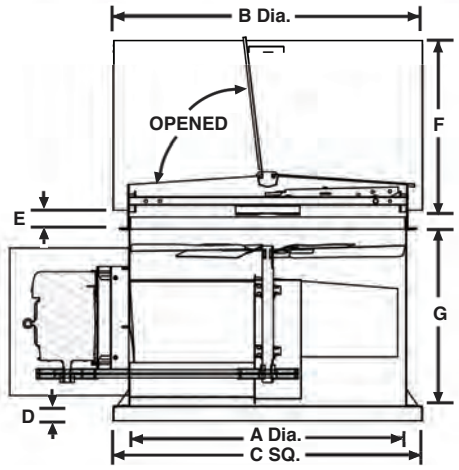
- TEFC, ball bearing motor is out of air stream and is accessible from the roof
- Galvanized steel wind-band and rain-proof butterfly dampers.
- Heavy duty pulleys and belts out of air stream

HIGH HEAT FEATURES

- Heavy gauge steel prop
- High heat cast iron pillow block bearings (out of air stream), complete with external grease fittings
- 500° F for 4 hours and 1000° F for 15 minutes
- Arms rated for snow load of 10 lbs/ft^2

DIMENSIONS

MODEL #	A Dia.	B Dia.	C Sq.	D	E	F	G
RTA-SH42	42 3/8"	48 5/8"	48"	2 1/2"	2	27	27
RTA-SH48	48 1/2"	54 5/8"	54"	2 1/2"	2	30	31
RTA-SH54	54 1/2"	60 5/8"	60"	2 1/2"	2	36	40



SPECIFICATIONS

To order RWTA models, replace "RTA" with "RWTA" in the table below.

BLADE DIAMETER	MODEL # SINGLE PHASE	MODEL # THREE PHASE	FAN RPM	H.P	0" S.P. CFM	0" S.P. BHP	1/4" S.P. CFM	1/4" S.P. BHP	1/2" S.P. CFM	1/2" S.P. BHP	3/4" S.P. CFM	3/4" S.P. BHP	1" S.P. CFM	1" S.P. BHP	Min. CFM	dBA @ 10Ft.
42"	RTA42SHT10200	RTA42SHT30200*	770	2	19920	1.65	15080	1.80	-	-	-	-	-	-	14000	61
42"	RTA42SHT10300	RTA42SHT30300*	895	3	22840	2.60	19620	2.80	14940	2.9	-	-	-	-	14000	65
42"	RTA42SHT10500	RTA42SHT30500*	1005	5	25980	3.66	23230	3.89	19980	4.01	-	-	-	-	14000	67
42"	RTA42SHT10750	RTA42SHT30750*	1205	7.5	31520	6.26	29530	6.54	27040	6.78	24230	6.89	20270	7.07	14000	72
42"	RTA42SHT11000	RTA42SHT31000*	1335	10	35170	8.49	33410	8.76	31270	9.08	29020	9.32	26230	9.39	14000	75
48"	RTA48SHT10300	RTA48SHT30300*	745	3	24330	2.55	20510	2.76	-	-	-	-	-	-	18000	63
48"	RTA48SHT10500	RTA48SHT30500*	885	5	29440	4.10	26370	4.46	22380	4.72	-	-	-	-	18000	67
48"	RTA48SHT10750	RTA48SHT30750*	1005	7.5	33850	5.93	31080	6.47	28330	6.81	24740	6.96	-	-	18000	71
48"	RTA48SHT11000	RTA48SHT31000*	1105	10	37270	7.89	34760	8.54	32520	8.99	29760	9.11	26140	9.29	18000	73
48"	-	RTA48SHT31500*	1265	15	42900	11.70	40860	12.30	38790	13.13	36270	13.54	34290	13.66	18000	76
54"	RTA54SHT10500	RTA54SHT30500*	710	5	37130	4.26	31680	4.67	-	-	-	-	-	-	23000	68
54"	RTA54SHT10750	RTA54SHT30750*	810	7.5	42890	6.20	38660	6.85	33210	6.99	25390	6.87	-	-	23000	71
54"	RTA54SHT11000	RTA54SHT31000*	905	10	48450	8.54	44640	9.41	40140	9.73	34980	9.78	27220	9.53	23000	74
54"	-	RTA54SHT31500*	1025	15	55520	12.10	52110	12.92	48280	13.81	44310	14.17	39660	14.22	23000	78

For three phase motors, substitute "*" with "M" for 230/460 volt (If 208V required please specify) or "P" for 575 volt
BHP does not include drive losses
dBA ratings shown are measured at 0" static pressure and should be used as a guideline only

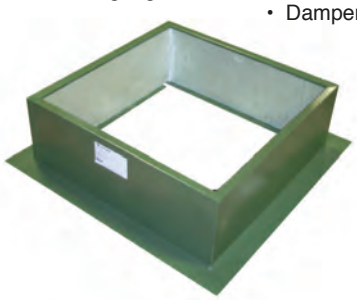
Roof Exhausters are non-stock items and are non-cancelable and non-refundable without prior authorization.

ACCESSORIES

RC ROOF CURB

- For Canarm Roof Exhaust fans.
- Sturdy powder coated, 16 gauge steel.
- 3" flanges
- 1" SM insulation
- Damper shelf

FAN SIZE	MODEL NUMBER
42"	RC42
48"	RC48
54"	RC54



DISCONNECT SWITCHES

- Wire disconnect switches are available.
  See **Controls & Thermostats** section for details.



RTA - BELT DRIVE ROOF EXHAUSTERS

Belt drive, heavy duty construction ideal for industrial & commercial applications.

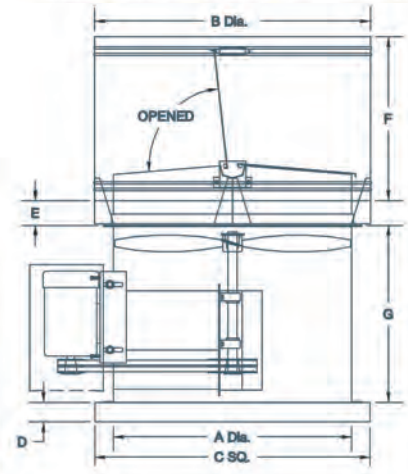
RTA model suitable for use in clean, dry air with a maximum ambient temperature of 93º C (200º F).
RWTA models are suitable for use in moisture laden air with a maximum ambient temperature of 93º C (200º F).
RWTA models feature a Teflon shaft seal, poly housing bearings and stainless steel insert.

FEATURES

- TEFC, ball bearing motor is out of air stream and is accessible from the roof, maximum ambient temperature of 40º C (104º F).
- Galvanized steel wind-band and rain-proof butterfly dampers.
- Cast iron pillow block bearings (out of air stream), complete with external grease fittings.
- Cast aluminum blades on 12" to 48" sizes.
- Polypropylene blades reinforced with fiberglass on 54" to 60" size
- Heavy duty pulleys and belts out of air stream

DIMENSIONS

MODEL #	A Dia.	B Dia.	C Sq.	D	E	F	G
RTA18	18 3/8"	24 5/8"	24"	2 1/2"	2	17	18
RTA24	24 3/8"	30 5/8"	30"	2 1/2"	2	19	21
RTA30	30 3/8"	36 5/8"	36"	2 1/2"	2	23	21
RTA36	36 3/8"	42 5/8"	42"	2 1/2"	2	25	27
RTA42	42 3/8"	48 5/8"	48"	2 1/2"	2	27	27
RTA48	48 1/2"	54 5/8"	54"	2 1/2"	2	30	31
RTA54	54 1/2"	60 5/8"	60"	2 1/2"	2	36	40
RTA60	60 1/2"	66 5/8"	68"	2 1/2"	2	36	40



SPECIFICATIONS

To order RWTA models, replace "RTA" with "RWTA" in the table below.

BLADE DIAMETER	MODEL # SINGLE PHASE	MODEL # THREE PHASE	FAN RPM	H.P	0" S.P. CFM	0" S.P. BHP	1/4" S.P. CFM	1/4" S.P. BHP	1/2" S.P. CFM	1/2" S.P. BHP	3/4" S.P. CFM	3/4" S.P. BHP	1" S.P. CFM	1" S.P. BHP	Min. CFM	dBA @ 10Ft.
18"	RTA18T10050	RTA18T30050*	1556	1/2	3930	0.40	3540	0.45	2830	0.49	-	-	-	-	2600	59
	RTA18T10075	RTA18T30075*	1785	3/4	4530	0.58	4210	0.65	3780	0.73	-	-	-	-	2600	62
	RTA18T10100	RTA18T30100*	1920	1	4890	0.72	4610	0.79	4250	0.86	3680	0.94	-	-	2600	64
	RTA18T10150	RTA18T30150*	2255	1.5	5790	1.15	5550	1.23	5300	1.76	4990	1.40	4530	1.49	2600	68
	RTA18T10200	RTA18T30200*	2510	2	6490	1.59	6280	1.68	6030	1.76	5960	1.86	5510	1.96	2600	72
24"	RTA24T10075	RTA24T30075*	1180	3/4	6325	0.64	5360	0.70	-	-	-	-	-	-	4700	58
	RTA24T10100	RTA24T30100*	1295	1	7020	0.84	6180	0.91	5020	0.96	-	-	-	-	4700	61
	RTA24T10150	RTA24T30150*	1475	1.5	8090	1.22	7390	1.32	6550	1.38	5380	1.42	-	-	4700	65
	RTA24T10200	RTA24T30200*	1620	2	8960	1.60	8330	1.71	7620	1.79	6740	1.86	5460	1.88	4700	67
	RTA24T10300	RTA24T30300*	1890	3	10670	2.49	10060	2.63	9460	2.79	8910	2.84	8240	2.94	4700	72
30"	RTA30T10100	RTA30T30100*	965	1	10050	0.86	8100	0.92	-	-	-	-	-	-	7300	59
	RTA30T10150	RTA30T30150*	1095	1.5	11650	1.26	10130	1.34	7860	1.37	-	-	-	-	7300	62
	RTA30T10200	RTA30T30200*	1225	2	13170	1.74	11930	1.85	10210	1.92	-	-	-	-	7300	65
	RTA30T10300	RTA30T30300*	1380	3	14910	2.48	13930	2.60	12620	2.69	10980	2.74	8240	2.74	7300	67
	RTA30T10500	RTA30T30500*	1635	5	17850	4.08	17160	4.25	16100	4.38	14960	4.48	13570	4.58	7300	72
36"	RTA36T10200	RTA36T30200*	910	2	16650	1.80	13980	1.86	-	-	-	-	-	-	10000	63
	RTA36T10300	RTA36T30300*	1045	3	19220	2.72	17550	2.80	14440	2.8	-	-	-	-	10000	66
	RTA36T10500	RTA36T30500*	1245	5	23610	4.56	21780	4.68	19870	4.75	17380	4.75	12980	4.68	10000	71
	RTA36T10750	RTA36T30750*	1425	7.5	27110	6.81	25790	6.95	22410	7.09	22260	7.13	20080	7.13	10000	75
42"	RTA42T10200	RTA42T30200*	770	2	19920	1.65	15080	1.80	-	-	-	-	-	-	14000	61
	RTA42T10300	RTA42T30300*	895	3	22840	2.60	19620	2.80	14940	2.9	-	-	-	-	14000	65
	RTA42T10500	RTA42T30500*	1005	5	25980	3.66	23230	3.89	19980	4.01	-	-	-	-	14000	67
	RTA42T10750	RTA42T30750*	1205	7.5	31520	6.26	29530	6.54	27040	6.78	24230	6.89	20270	7.07	14000	72
	RTA42T11000	RTA42T31000*	1335	10	35170	8.49	33410	8.76	31270	9.08	29020	9.32	26230	9.39	14000	75
48"	RTA48T10300	RTA48T30300*	745	3	24330	2.55	20510	2.76	-	-	-	-	-	-	18000	63
	RTA48T10500	RTA48T30500*	885	5	29440	4.10	26370	4.46	22380	4.72	-	-	-	-	18000	67
	RTA48T10750	RTA48T30750*	1005	7.5	33850	5.93	31080	6.47	28330	6.81	24740	6.96	-	-	18000	71
	RTA48T11000	RTA48T31000*	1105	10	37270	7.89	34760	8.54	32520	8.99	29760	9.11	26140	9.29	18000	73
	--	RTA48T31500*	1265	15	42900	11.70	40860	12.30	38790	13.13	36270	13.54	34290	13.66	18000	76
54"	RTA54T10500	RTA54T30500*	710	5	37130	4.26	31680	4.67	-	-	-	-	-	-	23000	68
	RTA54T10750	RTA54T30750*	810	7.5	42890	6.20	38660	6.85	33210	6.99	25390	6.87	-	-	23000	71
	RTA54T11000	RTA54T31000*	905	10	48450	8.54	44640	9.41	40140	9.73	34980	9.78	27220	9.53	23000	74
	--	RTA54T31500*	1025	15	55520	12.10	52110	12.92	48280	13.81	44310	14.17	39660	14.22	23000	78
60"	RTA60T10750	RTA60T30750*	690	7.5	51240	6.45	45760	7.18	35770	7.09	-	-	-	-	29000	68
	RTA60T11000	RTA60T31000*	755	10	56770	8.48	51490	9.21	40470	9.43	31650	8.72	-	-	29000	70
	--	RTA60T31500*	870	15	66320	12.52	61710	13.80	56720	14.43	49520	14.34	38320	13.51	29000	74
	--	RTA60T32000*	955	20	73090	16.62	68880	17.70	65690	18.78	59270	18.80	52250	18.83	29000	76

For three phase motors, substitute "*" with "M" for 230/460 volt (If 208V required please specify) or "P" for 575 volt
BHP does not include drive losses
dBA ratings shown are measured at 0" static pressure and should be used as a guideline only

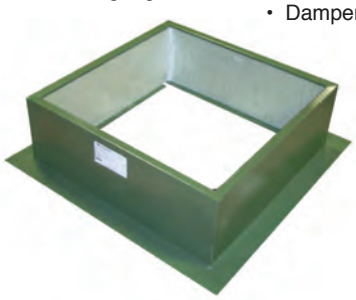
Roof Exhausters are non-stock items and are non-cancelable and non-refundable without prior authorization.

ACCESSORIES

RC ROOF CURB

- For Canarm Roof Exhaust fans.
- Sturdy powder coated, 16 gauge steel.
- 3" flanges
- 1" SM insulation
- Damper shelf

FAN SIZE	MODEL NUMBER
18"	RC18
24"	RC24
30"	RC30
36"	RC36
42"	RC42
48"	RC48
54"	RC54
60"	RC60



DISCONNECT SWITCHES

- Wire disconnect switches are available.
  See **Controls & Thermostats** section for details.



RD - DIRECT DRIVE ROOF EXHAUSTERS

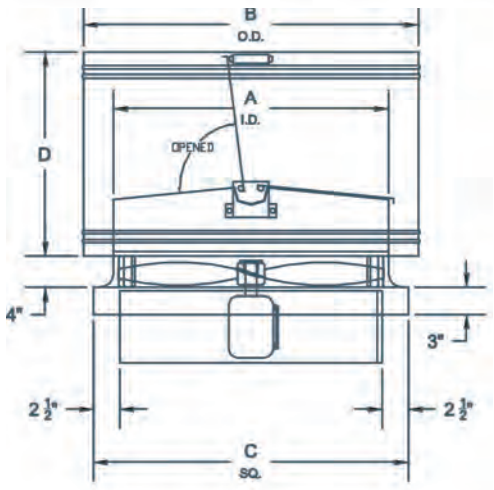
Sturdily constructed - ideal for industrial and commercial applications.

FEATURES

- Heavy duty galvanized blades.
- Galvanized steel wind-band and rain-proof butterfly dampers that rotate easily on brass bushings.
- TEFC, ball bearing motor is in the air stream, within the building, maximum ambient temperature of 40ºC (104ºF).
- Not recommended for dirty or dust laden applications.

DIMENSIONS

MODEL #	A I.D.	B O.D.	C SQ.	D
RD24	25"	31 1/2"	29 1/2"	19"
RD30	31"	37 1/2"	35 1/2"	22"
RD36	37"	43 1/2"	41 1/2"	25"
RD42	43"	49 1/2"	47 1/2"	27"
RD48	49"	55 1/2"	53 1/2"	30"



SPECIFICATIONS

BLADE DIAMETER	MODEL # SINGLE PHASE	MODEL # THREE PHASE	FAN RPM	H.P.	0" S.P. CFM	0" S.P. BHP	1/8" S.P. CFM	1/8" S.P. BHP	1/4" S.P. CFM	1/4" S.P. BHP	3/8" S.P. CFM	3/8" S.P. BHP	Min. CFM	dBA @ 10Ft.
24"	RD24T10075C	RD24T30075C*	1140	3/4	6549	0.74	6017	0.78	5527	0.83	-	-	4700	73
24"	RD24T10100B	RD24T30100B*	1725	1	6761	0.89	6453	0.93	6128	1.00	5792	1.09	4700	81
24"	RD24T10300B	RD24T30300B*	1725	3	9909	2.57	9558	2.62	9207	2.68	8886	2.75	4700	84
30"	--	RD30T30150C*	1140	1.5	11600	1.31	10925	1.40	10193	1.49	9127	1.59	7300	79
30"	RD30T10500B	RD30T30500B*	1725	5	17552	4.53	17106	4.66	16661	4.80	16215	4.94	7300	90
36"	--	RD36T30200D*	860	2	16364	1.87	15172	1.99	13864	2.08	11597	2.15	10000	80
36"	--	RD36T30500C*	1140	5	21692	4.35	20793	4.52	19893	4.69	18903	4.80	10000	88
42"	--	RD42T30500C*	1140	5	23209	3.04	22619	3.29	21962	3.52	21019	3.70	14000	85
42"	--	RD42T30750C*	1140	7.5	32476	7.70	31490	7.70	30518	7.76	29586	8.02	14000	88
48"	--	RD48T30750D*	860	7.5	35654	5.93	33411	6.06	31857	6.34	30219	6.62	18000	89
48"	--	RD48T30750C*	1140	7.5	32564	4.95	31677	5.35	30688	5.68	29636	5.99	18000	92

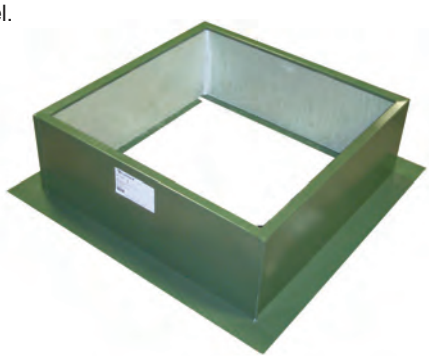
For three phase motors, substitute "*" with "M" for 208-230/460 volt or "P" for 575 volt
BHP does not include drive losses
dBA ratings shown are measured at 0" static pressure and should be used as a guideline only

ACCESSORIES

RC ROOF CURB

- For Canarm Roof Exhaust fans.
- Sturdy powder coated, 16 gauge steel.
- 3" flanges
- 1" SM insulation
- Damper shelf

FAN SIZE	MODEL NUMBER
18"	RC18
24"	RC24
30"	RC30
36"	RC36
42"	RC42
48"	RC48
54"	RC54
60"	RC60



DISCONNECT SWITCHES

- Wire disconnect switches are available.
  See **Controls & Thermostats** section for details.

Roof Exhausters are non-stock items and are non-cancelable and non-refundable without prior authorization.



RB - BELT DRIVE ROOF EXHAUSTERS

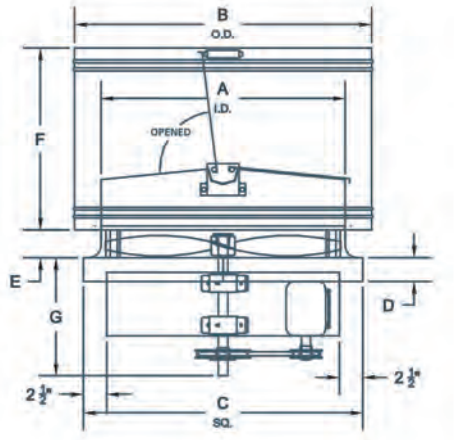
Sturdily constructed belt drive roof exhausters ideal for industrial and commercial applications.

FEATURES

- TEFC, ball bearing motor, maximum ambient temperature 40º C (104º F).
- Heavy duty galvanized blades.
- Galvanized steel wind-band and rain-proof butterfly dampers that rotate easily on brass bushings.
- Cast iron pillow block bearings.
- Heavy duty pulleys and belts.
- Not recommended for dirty or dust laden applications.

DIMENSIONS

MODEL #	A Dia.	B Dia.	C Sq.	D	E	F	G (MAX.)
RB24	25"	31 1/2"	29 1/2"	3"	4"	19"	18 1/2"
RB30	31"	36 1/2"	35 1/2"	3"	4"	22"	18 1/2"
RB36	37"	43 1/2"	41 1/2"	3"	4"	25"	18 1/2"
RB42	43"	49 1/2"	47 1/2"	3"	4"	27"	18 1/2"
RB48	49"	55 1/2"	53 1/2"	3"	4"	30"	18 1/2"
RB54	55"	61 1/2"	59 1/2"	3"	4"	36"	21"
RB60	61"	70	68	2"	5"	42"	21"



Roof Exhausters are non-stock items and are non-cancelable and non-refundable without prior authorization.

SPECIFICATIONS

BLADE DIAMETER	MODEL # SINGLE PHASE	MODEL # THREE PHASE	FAN RPM	H.P.	0" SP CFM	0" SP BHP	1/8" SP CFM	1/8" SP BHP	1/4" SP CFM	1/4" SP BHP	3/8" SP CFM	3/8" SP BHP	MIN. CFM	Dba @ 5 Ft.
24"	RB24T10075	RB24T30075*	1090	3/4	6261	0.65	5706	0.68	5135	0.73	-	-	4700	72
	RB24T10100	RB24T30100*	1190	1	6836	0.84	6327	0.88	5893	0.93	5035	0.97	4700	74
	RB24T10150	RB24T30150*	1370	1.5	7870	1.29	7428	1.33	7018	1.38	6565	1.44	4700	78
	RB24T10200	RB24T30200*	1510	2	8674	1.72	8273	1.77	7876	1.82	7549	1.89	4700	81
30"	RB30T10075	RB30T30075*	875	3/4	8903	0.59	8019	0.66	-	-	-	-	7300	71
	RB30T10100	RB30T30100*	965	1	9819	0.79	9022	0.87	7951	0.96	-	-	7300	73
	RB30T10150	RB30T30150*	1005	1.5	11244	1.19	10548	1.28	9775	1.37	8605	1.47	7300	78
	RB30T10200	RB30T30200*	1220	2	12414	1.60	11783	1.70	11136	1.80	10285	1.91	7300	82
	RB30T10300	RB30T30300*	1405	3	14296	2.45	13749	2.56	13201	2.67	12588	2.79	7300	85
36"	RB36T10100	RB36T30100*	660	1	12559	0.84	10953	0.93	-	-	-	-	10000	72
	RB36T10150	RB36T30150*	750	1.5	14271	1.24	12898	1.35	11091	1.41	-	-	10000	75
	RB36T10200	RB36T30200*	835	2	15888	1.71	14661	1.84	13302	1.91	10747	1.97	10000	78
	RB36T10300	RB36T30300*	940	3	17886	2.44	16796	2.58	15636	2.69	14293	2.76	10000	83
42"	RB42T10200	RB42T30200*	685	2	19514	1.67	17906	1.73	16111	1.89	13318	1.97	14000	78
	RB42T10300	RB42T30300*	780	3	22220	2.47	20794	2.50	19341	2.68	17561	2.87	14000	83
	RB42T10500	RB42T30500*	925	5	26351	4.11	25136	4.11	23977	4.29	22681	4.51	14000	88
	RB42T10750	RB42T30750*	1080	7.5	30767	6.55	29726	6.55	28710	6.65	27726	6.89	14000	91
48"	RB48T10200	RB48T30200*	565	2	23424	1.68	20606	1.82	-	-	-	-	18000	77
	RB48T10300	RB48T30300*	640	3	26533	2.45	23933	2.59	21489	2.80	18256	2.97	18000	
	RB48T10500	RB48T30500*	745	5	30886	3.86	28495	4.00	26703	4.24	24279	4.48	18000	86
	RB48T10750	RB48T30750*	870	7.5	36068	6.14	33835	6.27	32299	6.55	30723	6.83	18000	90
54"	RB54T10300	RB54T30300*	530	3	30080	2.46	27332	2.58	24060	2.82	-	-	23000	79
	RB54T10500	RB54T30500*	625	5	35472	4.03	33139	4.21	30532	4.41	27599	4.72	23000	84
	RB54T10750	RB54T30750*	720	7.5	40863	6.16	38809	6.44	36754	6.52	34382	6.84	23000	88
	RB54T11000	RB54T31000*	795	10	45120	8.29	43236	8.67	41484	8.67	39344	8.99	23000	91
60"	RB60T10500	RB60T30500*	520	5	42969	4.22	38510	4.50	34050	4.78	-	-	29000	72
	RB60T10750	RB60T30750*	595	7.5	49167	6.32	45269	6.64	41372	6.96	35070	7.02	29000	87
	RB60T11000	RB60T31000*	650	10	53172	8.24	50144	8.59	46576	8.94	43008	9.28	29000	89
	--	RB60T31500*	745	15	61562	12.41	58449	12.80	55336	13.20	52223	13.60	29000	92

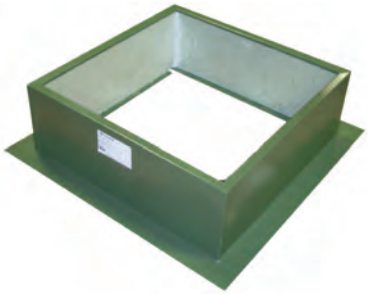
For three phase motors, substitute "*" with "M" for 230/460 volt (If 208V required please specify) or "P" for 575 volt
BHP does not include drive losses
dBA ratings shown are measured at 0" static pressure and should be used as a guideline only

ACCESSORIES

RC ROOF CURB

- For Canarm Roof Exhaust fans.
- Sturdy powder coated, 16 gauge steel.
- 3" flanges
- 1" SM insulation
- Damper shelf

FAN SIZE	MODEL NUMBER
18"	RC18
24"	RC24
30"	RC30
36"	RC36
42"	RC42
48"	RC48
54"	RC54
60"	RC60



DISCONNECT SWITCHES

- Wire disconnect switches are available.
  See **Controls & Thermostats** section for details.

ROOF CURBS

GALVANIZED ROOF CURBS - NON-VENTED - FOR 300, 700, SIS, ALX, SB-SBRM & SD-SDUB SERIES (Non-vented) 18" High (RCG) or 12" High (RCGL)

- RCG are 18" high
- RCGL are 12" high
- 18 gauge galvanized steel construction
- 1 3/4" flanges
- Insulated curbs available (RCGI or RCGLI)
- Shipped fully assembled



RCG ROOF CURB

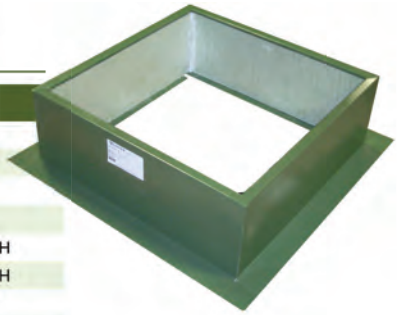
Part # (Non-Insulated)	Part # (Insulated)	Curb OD Dimension sq	Curb fits Models
RCG17.5 / RCGL17.5	RCGI17.5 / RCGLI17.5	17.5"	ALX105, ALX120, SD-SDUB-10, SD-SDUB-12
RCG18.5 / RCGL18.5	RCGI18.5 / RCGLI18.5	18.5"	307
RCG19.5 / RCGL19.5	RCGI19.5 / RCGLI19.5	19.5"	ALX135, ALX150, SB-SBRM-13, SD-SDUB-30, SD-SDUB-33, SD-SDUB-50, ALX105-C2, ALX120-C2
RCG22.5 / RCGL22.5	RCGI22.5 / RCGLI22.5	22.5"	309,709,SIS-09
RCG23.25 / RCGL23.25	RCGI23.25 / RCGLI23.25	23.25"	ALX165, SB-SBRM-15, SD-SDUB-85, ALX135-C2, ALX150-C2, ALX-180-C2
RCG26.5 / RCGL26.5	RCGI26.5 / RCGLI26.5	26.5"	ALX180, SIS-10, SB-SBRM-18, ALX165-C2
RCG30.5 / RCGL30.5	RCGI30.5 / RCGLI30.5	30.5"	312,712,715, SIS-12, SIG-12, SIG-15
RCG31.5 / RCGL31.5	RCGI31.5 / RCGLI31.5	31.5"	ALX210, ALX245, SB-SBRM-24
RCG34.5 / RCGL34.5	RCGI34.5 / RCGLI34.5	34.5"	315,718,SIS-15,SIS-18
RCG38.5 / RCGL38.5	RCGI38.5 / RCGLI38.5	38.5"	318, SB-SBRM-30, ALX210-C2, ALX245-C2, ALX300
RCG42.5 / RCGL42.5	RCGI42.5 / RCGLI42.5	42.5"	SIS-20, ALX360, SB-SBRM36

Please note Galvanized Curbs (RCG's) are for UL 705 only.
For UL762 the curb must be vented and be a minimum of 40" from roof to outlet - use RCGV curbs (below)

ROOF CURBS FOR RTA, RB OR RD

- 16 gauge galvanized or painted steel construction
- RC are insulated, painted, with 3" flanges and damper shelf
- RCG are non-insulated, galvanized, with 1 3/4" flanges
- RCGI are insulated, galvanized, with 1 3/4" flanges
- All are 10 1/4" high
- Non-vented
- Shipped fully assembled

ROOF CURBS FOR RTA, RB & RD SERIES (Non-vented) 10 1/4" High



Part # Painted	Part # Galv (Non-Insulated)	Part # Galv (Insulated)	Curb OD Dimension sq	Curb fits Models
RC18	RCG21.625	RCGI21.625	21.6"	RTA18
RC24	RCG29.125	RCGI29.125	29.1"	RTA-RB-RD24
RC30	RCG35.125	RCGI35.125	35.1"	RTA-RB-RD30
RC36	RCG41.125	RCGI41.125	41.1"	RTA-RB-RD36
RC42	RCG47.125	RCGI47.125	47.1"	RTA-RB-RD42-RTASH
RC48	RCG53.125	RCGI53.125	53.1"	RTA-RB-RD48-RTASH
RC54	RCG59.125	RCGI59.125	59.1"	RTA-RB54-RTASH
RC60	RCG67.125	RCGI67.125	67.1"	RTA-RB60

VENTED ROOF CURBS FOR ALX, SB-SBRM & SD-SDUB

- UL762 requires vents and minimum 40" from roof to outlet
- Curb height varies to meet UL762 (see table below)
- RCGV are 18" high
- RCGVL are 12" high
- RCGVH vary to meet UL762
- 18 gauge galvanized steel construction
- 1 3/4" flanges
- Non-insulated
- Shipped fully assembled



RCGV ROOF CURB

(Vented) RCGV ROOF CURBS FOR ALX, SB-SBRM & SD-SDUB SERIES

Part # Vented 18" high (RCGV) Vented 12" high (RCGVL)	Part # To meet UL762	UL762 Curb Height	Curb OD Dimension sq	Curb fits Models
RCGV17.5 / RCGVL17.5	RCGVH17.5	27"	17.5"	A2X105, A2X120, ALX105, ALX120, SD-SDUB-10, SD-SDUB-12
RCGV19.5 / RCGVL19.5	RCGVH19.5	25"	19.5"	A2X135, A2X150, ALX135, ALX150, SB-SBRM-13, SD-SDUB-30, SD-SDUB-33, SD-SDUB-50, HRE-13, ALX105-C2, ALX105-C2
RCGV23.25 / RCGVL23.25	RCGV23.25	18"	23.25"	ALX165, SB-SBRM-15, SD-SDUB-85, HRE-16, ALX135-C2, ALX150-C2, ALX180-C2
	RCGVH23.3	21.5"	23.25"	A2X165
RCGV26.5 / RCGVL26.5	RCGV26.5	18"	26.5"	ALX180, SB-SBRM-18, HRE-20, ALX165-C2
	RCGVH26.6	20.5"	26.5"	A2X180
RCGV31.5 / RCGVL31.5	RCGV31.5	18"	31.5"	ALX210, ALX245, SB-SBRM-24, HRE-24
	RCGVH31.5	19"	31.5"	A2X210
RCGV38.5 / RCGVL38.5	RCGV38.5	18"	38.5"	SB-SBRM-30, AXL210-C2, ALX245-C2, ALX300



PW SERIES
Direct Drive Pressure Blower

For high static applications.
Ideal for moving non-abrasive particles such as dust or fume exhaust.

FEATURES

- Wheels are constructed of heavy cast aluminum with straight radial blades.
- Wheels are self cleaning, dynamically balanced and designed for efficient operations.
- Welded 16 gauge steel housings and motor bases.
- TEFC motors are standard.
- Comes as clockwise rotation, bottom horizontal discharge (can be rotated at 45°+ increments).

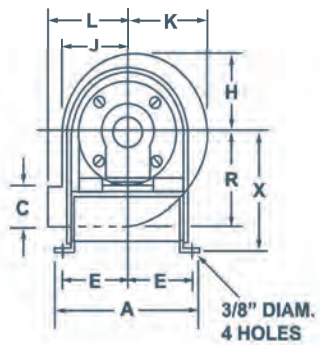
PERFORMANCE SPECIFICATIONS

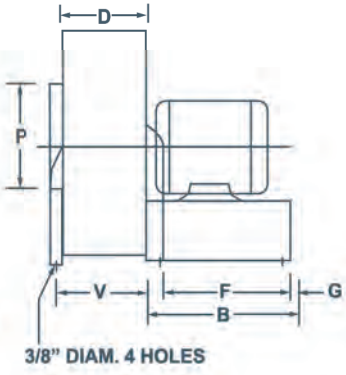
MODEL			H.P.	MOTOR FRAME	RPM	CFM @ STATIC PRESSURE															dBA @ 5 FT
SINGLE PHASE	THREE PHASE 208/230/460	THREE PHASE 575				1/4"	1/2"	1"	1 1/2"	2"	2 1/2"	3"	3 1/2"	4"	5"	6"	7"	8"	9"	10"	11"	12"	
PW-8S	PW-8M	PW-8P	1/3	56	3600	283	274	256	237	216	192	165	129	70	--	--	--	--	--	--	--	--	74
PW-9S	PW-9M	PW-9P	3/4	56	3600	475	465	445	423	399	374	346	316	282	195	--	--	--	--	--	--	--	77
PW-11S	PW-11M	PW-11P	1.5	56	3600	786	772	746	719	692	664	635	606	575	508	431	329	--	--	--	--	--	84
PW-12S	PW-12M	PW-12P	3	182T	3600	1185	1171	1145	1117	1090	1062	1033	1004	974	911	842	765	672	549	--	--	--	90
PW-14S	PW-14M	PW-14P	5	182T	3600	--	--	--	--	--	--	--	--	--	1685	1587	1482	1367	1236	1081	874	474	92
PW-14S-7.5**	PW-14M-7.5**	PW-14P-7.5**	7.5	213	3600	2100	2070	2037	1995	1952	1909	1866	1822	1777	1685	1587	1482	1367	1236	1081	874	474	92
MODEL PW: EXPLOSION PROOF DIRECT DRIVE PRESSURE BLOWERS																							
PW-8SX	PW-8MX	--	1/3	56	3600	283	274	256	237	216	192	165	129	70	--	--	--	--	--	--	--	--	74
PW-9SX	PW-9MX	--	3/4	56	3600	475	465	445	423	399	374	346	316	282	195	--	--	--	--	--	--	--	77
PW-11SX	--	--	1.5	56	3600	786	772	746	719	692	664	635	606	575	508	431	329	--	--	--	--	--	84
--	PW-11MX**	PW-12PX**	1.5	143T	3600	786	772	746	719	692	664	635	606	575	508	431	329	--	--	--	--	--	84
PW-12SX	PW-12MX	PW-12PX	3	182T	3600	1185	1171	1145	1117	1090	1062	1033	1004	974	911	842	765	672	549	--	--	--	90
PW-14SX	PW-14MX	PW-14PX	5	182T	3600	--	--	--	--	--	--	--	--	--	1685	1587	1482	1367	1236	1081	874	474	92
PW-14SX-7.5**	PW-14MX-7.5**	PW-14PX-7.5**	7.5	213	3600	2100	2070	2037	1995	1952	1909	1866	1822	1777	1685	1587	1482	1367	1236	1081	874	474	92

*** Fan should not be run at static pressure less than shown in above table, motor overload will result.** **** Special order models.**
dBA ratings shown are measured at 0" static pressure, and should be used as a guideline only.

DIMENSIONS

BLOWER	WHEEL	A	B	C	D	E	F	G	H	J	K	L	P	R	X	V
PW-8	7 3/4" x 2 1/4"	11"	8"	3"	3"	5"	7"	1/2"	5 3/8"	4 7/8"	5 7/8"	5 7/8"	4"	6 5/8"	9"	--
PW-9	9" x 2 3/4"	12 1/8"	8"	3 1/2"	3 1/2"	5 5/8"	7"	1/2"	6 3/8"	5 3/4"	6 7/8"	6 3/4"	5"	7 1/2"	9 7/8"	--
PW-11	10 5/8" x 3"	14 3/4"	9"	4"	3 1/2"	6 7/8"	7 1/2"	3/4"	7 1/4"	6 1/2"	8"	7 5/8"	6"	8 5/8"	11 3/4"	--
PW-12	12 1/2" x 3"	17"	8"	5"	4"	8"	6 1/2"	3/4"	8 1/4"	7 1/2"	9"	9 5/8"	7"	10"	10 5/8"	--
PW-14	13 1/2" x 4 3/8"	17 5/8"	11 1/4"	7 1/8"	5 3/4"	8"	9 3/4"	1"	10 1/2"	9 5/8"	11 3/8"	11"	8"	11 1/2"	12 5/8"	7 1/4"





RELATED PRODUCTS



KE SERIES
Direct Drive Radial Blade Blowers



D SERIES
Direct Drive Forward Curved Blowers



KE SERIES

Direct Drive Radial Blade Blower

For high static applications or greenhouse inflation or exhaust. Ideal for environments where air is laden with dust, grit or any other lightweight foreign material.

FEATURES

- Wheels are constructed of heavy cast aluminum with straight radial blades.
- Wheels are self cleaning, dynamically balanced and designed for efficient operations.
- Welded 16 gauge steel housings and motor bases.
- TEFC motors are standard.
- Comes as clockwise rotation, bottom horizontal discharge (can be rotated at 45º increments).

PERFORMANCE SPECIFICATIONS

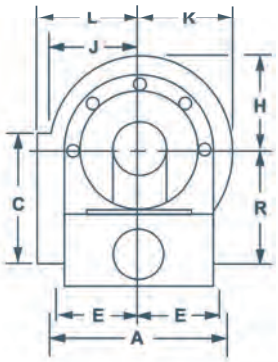
MODEL			H.P.	MOTOR FRAME	RPM	CFM @ STATIC PRESSURE												dBA @ 5 FT
SINGLE PHASE	THREE PHASE 208/230/460	THREE PHASE 575				0"	1/8"	1/4"	3/8"	1/2"	5/8"	3/4"	1"	1 1/4"	1 1/2"	1 3/4"	2"	2 1/4"	
KE-08S	KE-08M	KE-08P	1/3	56	1750	550	510	470	425	365	275	150	--	--	--	--	--	--	64
KE-09S	KE-09M	KE-09P	1/3	56	1750	880	825	765	705	635	565	480	200	--	--	--	--	--	69
KE-11S	KE-11M	KE-11P	1/2	56	1750	1430	1380	1335	1275	1225	1165	1100	945	730	430	--	--	--	75
KE-12S	KE-12M	KE-12P	1	56	1750	2375	2300	2220	2140	2060	1975	1890	1700	1485	1185	750	350	--	79
KE-14S	KE-14M	KE-14P	2	145T	1750	3420	3325	3230	3125	3025	2925	2820	2595	2350	2045	1620	1010	640	81
MODEL KE: EXPLOSION PROOF DIRECT DRIVE RADIAL BLADE BLOWERS																			
KE-08SX	KE-08MX	KE-08PX	1/3	56	1750	550	510	470	425	365	275	150	--	--	--	--	--	--	64
KE-09SX	KE-09MX	KE-09PX	1/3	56	1750	880	825	765	705	635	565	480	200	--	--	--	--	--	69
KE-11SX	KE-11MX	KE-11PX	1/2	56	1750	1430	1380	1335	1275	1225	1165	1100	945	730	430	--	--	--	75
KE-12SX	KE-12MX	KE-12PX	1	56	1750	2375	2300	2220	2140	2060	1975	1890	1700	1485	1185	750	350	--	79
--	KE-14MX	KE-14PX	2	145T	1750	3420	3325	3230	3125	3025	2925	2820	2595	2350	2045	1620	1010	640	81

dBA ratings shown are measured at 0" static pressure, and should be used as a guideline only.

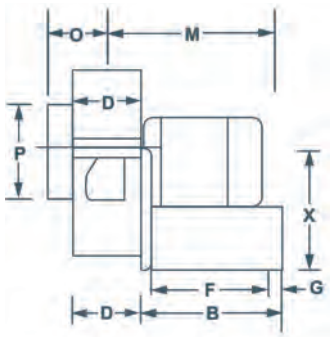
DIMENSIONS

BLOWER	WHEEL	A	B	C	D	E	F	G	H	J	K	L	M*	O	P	R	X
KE-08	7 3/4" x 4"	11"	8"	8 1/4"	5 3/8"	5"	7"	1/2"	6"	4 5/8"	6 3/4"	6 7/8"	10 3/4"	3 3/4"	8"	8"	8 1/2"
KE-09	9" x 5"	12 1/8"	8"	10 3/4"	6 1/2"	5 5/8"	7"	1/2"	6 3/4"	5 5/8"	7 3/4"	7 1/8"	11 3/4"	4 5/16"	9"	9 1/4"	9 7/8"
KE-11	10 7/8" x 5 5/8"	14 3/4"	9"	11 3/4"	8"	6 7/8"	7 1/2"	3/4"	8"	6 3/4"	9 1/8"	8 1/8"	13 1/4"	5 1/16"	10"	10 3/4"	11 3/4"
KE-12	12 1/2" x 7 1/2"*	16 3/8"	10 1/2"	13 1/4"	9 5/8"	7 3/8"	8 3/4"	1"	10 1/8"	8 1/2"	11 1/2"	10 1/2"	15 3/16"	6 3/8"	13 1/4"	13 1/4"	17"
KE-14	13 1/2" x 8 1/8"	17 5/8"	10 1/2"	14 5/8"	10 3/4"	8"	8 3/4"	1"	11 1/8"	9 3/8"	12 5/8"	11 3/8"	16 7/8"	7"	14 1/2"	14 5/8"	17"

*** Dimensions may vary depending on type of motor used.**



Clockwise rotation, bottom horizontal discharge shown.



Mounting holes are 3/8" diameter on all models up to KE-11 and 9/16" on the KE-12 and KE-14.

RELATED PRODUCTS



PW SERIES
Direct Drive Pressure Blowers



D SERIES
Direct Drive Forward Curved Blowers



D SERIES

Direct Drive Forward Curved Blower

For low static environments.
Ideal for light duty exhaust applications.

FEATURES

- Wheels are forward curved steel, dynamically balanced and designed for efficient operation.
- Welded 16 gauge steel housings and motor bases.
- TEFC motors are standard.
- Comes as clockwise rotation, bottom horizontal discharge (can be rotated at 45° increments).

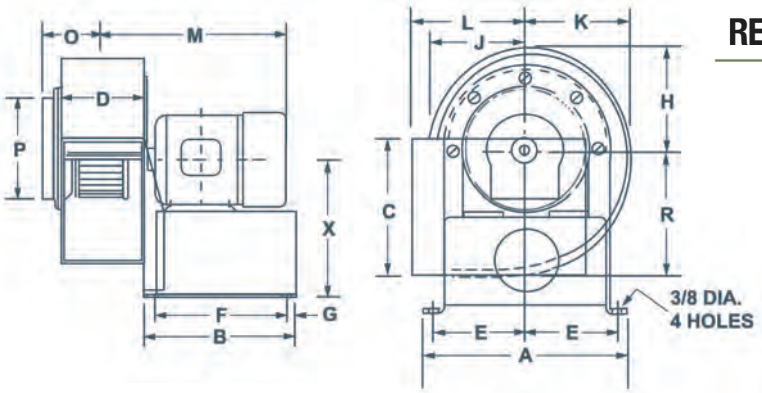
PERFORMANCE SPECIFICATIONS

MODEL			H.P.	RPM	CFM @ STATIC PRESSURE												dBA @ 5 FT
SINGLE PHASE	THREE PHASE 208/230/460	THREE PHASE 575			0"	1/8"	1/4"	3/8"	1/2"	5/8"	3/4"	1"	1 1/4"	1 1/2"	1 3/4"	2"	2 1/4"	
D6AAS	D6AAM	D6AAP	1/3	1140	330	250	100	--	--	--	--	--	--	--	--	--	--	51
D6ABS	D6ABM	D6ABP	1/3	1750	560	515	470	420	300	300	--	--	--	--	--	--	--	53
D8AS	D8AM	D8AP	1/3	1140	680	620	535	430	--	--	--	--	--	--	--	--	--	55
D8CS	D8CM	D8CP	1/3	1750	1085	1050	1005	960	865	865	750	580	--	--	--	--	--	57
D9CS	D9CM	D9CP	1/3	1140	1160	1125	1090	1035	855	855	--	--	--	--	--	--	--	56
D9FS	D9FM	D9FP	1	1750	--	--	-- -	1720	1675	1675	1620	1550	1445	1290	1100	--	--	58
D11ES	D11EM	D11EP	3/4	1140	1970	1870	1800	1710	1500	1500	1290	1020	--	--	--	--	--	61
D11GS	D11GM	D11GP	1 1/2	1750	--	--	--	--	--	--	--	--	1840	1730	1600	1450	1280	63

*** Fan should not be run at static pressure less than shown in above table, motor overload will result.**
dBA ratings shown are measured at 0" static pressure, and should be used as a guideline only.

DIMENSIONS

BLOWER	WHEEL	BORE	A	B	C	D	E	F	G	H	J	K	L	M*	O	P	R	X	WEIGHT (LBS) (LESS MOTOR)
D6AA	6 1/4" X 3"	5/8"	9 3/8"	8"	7 3/8"	4 1/4"	4 1/4"	7"	1/2"	5"	4"	6"	5"	11 5/8"	3 1/8"	6"	7 1/8"	9"	13
D6AB	6 1/4" X 3"	5/8"	9 3/8"	8"	7 3/8"	4 1/4"	4 1/4"	7"	1/2"	5"	4"	6"	5"	11 5/8"	3 1/8"	6"	7 1/8"	9"	13
D8A	7 3/4" X 3 7/8"	5/8"	11"	8"	8 1/4"	5 3/8"	5"	7"	1/2"	6"	4 5/8"	6 3/4"	6 7/8"	12 1/2"	3 3/4"	8"	8"	9"	18
D8C	7 3/4" X 3 7/8"	5/8"	11"	8"	8 1/4"	5 3/8"	5"	7"	1/2"	6"	4 5/8"	6 3/4"	6 7/8"	12 1/2"	3 3/4"	8"	8"	9"	18
D9C	9" X 4 1/2"	5/8"	12 1/8"	8"	10 3/4"	6 1/2"	5 5/8"	7"	1/2"	6 3/4"	5 5/8"	7 3/4"	7 1/8"	13"	4 3/8"	9"	9 1/4"	9 7/8"	25
D9F	9" X 4 1/2"	5/8"	12 1/8"	8"	10 3/4"	6 1/2"	5 5/8"	7"	1/2"	6 3/4"	5 5/8"	7 3/4"	7 1/8"	14 1/4"	4 3/8"	9"	9 1/4"	9 7/8"	25
D11E	10 5/8" X 5 1/4"	5/8"	14 3/4"	11 1/2"	11 3/4"	8"	6 7/8"	10"	3/4"	8"	6 3/4"	9 1/8"	8 1/8"	15 1/2"	5"	10"	10 3/4"	11 1/4"	36
D11G	10 5/8" X 4"	5/8"	14 3/4"	11 1/2"	11 3/4"	5 7/8"	6 7/8"	10"	3/4"	8"	6 3/4"	9 1/8"	8 1/8"	14 5/8"	4"	10"	10 3/4"	11 1/4"	36



RELATED PRODUCTS



PW SERIES
Direct Drive Pressure Blowers



KE SERIES
Direct Drive Radial Blade Blowers


D530


D507

D500 SERIES
Direct Drive Utility Blowers

FEATURES

- Designed for easy installations in common applications requiring moderate air quantities (up to 650 CFM) in low static systems (up to .75" W.G.).
- Available in CCW rotation only (as viewed from motor side).
- Use WM-13M solid state motor speed control to reduce CFM on Model D530.
- Use 3 speed selector for Low, Medium & High speed on D507.
- Ideal for applications where low noise levels are a "must" since the motor is out of the air stream and the blower can be remotely located.

PERFORMANCE SPECIFICATIONS

TYPICAL MAXIMUM CFM @ SP						
MODEL	1/8" SP	1/4" SP	3/8"	1/2"	5/8"	3/4"
D530	230	210	190	160	--	--
D507 - LOW	410	375	340	315	225	--
D507 - MED	495	460	390	355	300	--
D507 - HIGH	640	570	470	405	350	--

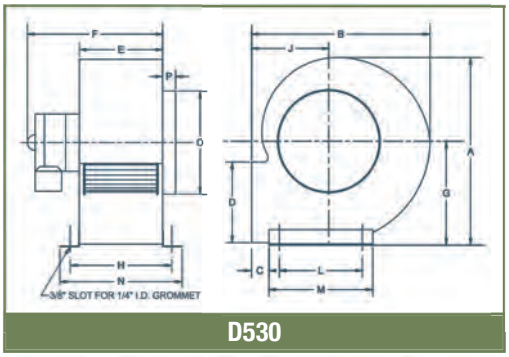
FOR FAN CURVES & FULL PERFORMANCE DATA, CONSULT OUR DELAIR SOFTWARE.

DOWNLOAD DELAIR @ WWW.CANARM.COM/DELAIR

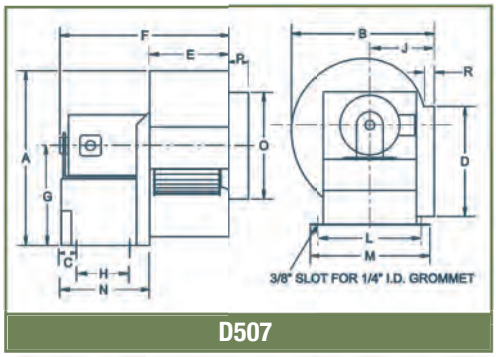
MODEL FEATURES

FEATURES	D530	D507
120V, 60 Hz CSA approved single speed shaded pole motor, continuous duty, suitable for use with WM-13 speed controller.	•	
120V, 60 Hz CSA approved 3 speed resilient mount PSC BALL BEARING motor.		•
Prelubricated bearings - no further lubrication required.	•	•
Built in automatic reset thermal protector.	•	•
Mount in horizontal or vertical position.	•	
Rotate housing on base for any of 8 discharge positions, keeping shaft horizontal.		•
Conduit wiring box.	•	•
Duct collar inlet.	•	•
Quiet operating forwardly curved zinc coated blower wheel.	•	•
Base slotted for 4 rubber blower feet	•	•
Rugged steel blower housings with baked green enamel finish.	•	•
Motor side access plate for motor and wheel servicing removal.	•	

DIMENSIONS



D530



D507

OPTIONS

MOTOR SPEED CONTROL

MODEL D530 - Use a # WM-13M (Part # 8890016) solid state control to lower the motor speed and reduce the air flow up to the % of full capacity listed: **D530 - 45%**

MODELS D507 - Use a 3 speed switch to select High (1050 RPM), Medium (850 RPM) or Low (740 RPM) operation.

MODEL	MOTOR RPM	A	B	D	E	F	H	L	M	N	O	WEIGHT (lbs) without motor
D530	1550	9 3/4"	9 1/8"	3 7/8"	4"	8 1/4"	4 7/8"	5"	6"	5 7/8"	4 7/8"	8
D507	1050	13 1/8"	12 1/4"	8 1/4"	6"	14"	5"	8"	9"	6 5/8"	7 7/8"	24



U SERIES PORTABLE UTILITY FAN

U series utility fans - formerly known as FANTRAXX smoke ejectors - are ideal for many utility applications and have been designed to meet fire service needs.
The units are available in various configurations and sizes to satisfy almost any application. These fans produce high volumes of air in compact and efficient designs. Sizes range from 12" up to 24" blade diameters. Available with totally enclosed or explosion proof motors ranging in size from 1/3HP to 1/2HP. Entire fan assemblies are certified as shown.

All **U series utility fans** are finished in a tough powder coat finish with cadmium plated safety guards. All motors are ball bearing and require no maintenance. Voltages other than those listed (including 50HZ) are available. Consult factory. All units are equipped with 6 feet of cord with a plug (explosion proof units are minus plug). Available accessories include hanger bars and hooks, collar adaptors, flexible hoses, hose connectors and misting adaptor kits.

FEATURES

- Available in 12" to 18" sizes.
- Totally enclosed ball bearing motor and explosion proof models available.
- Powder coated housing.
- Fans come complete with 6 foot 115V cord and plug (explosion proofmotors come without a plug).

Heavy duty models also available. See next page.

SPECIFICATIONS

BLADE DIAMETER	MODEL	MOTOR	HP	RPM	VOLTAGE	FULL LOAD AMPERAGE (115)	CFM	WEIGHT (LBS)	FAN DIMENSIONS
12"	U12-1	Totally enclosed	1/3	1725	115	3.8	1620	40	14 1/8" H X 14 1/8" W X 17" L
16"	U16-1	Totally enclosed	1/3	1725	115	3.8	3151	49	19 1/8" H X 19 1/8" W X 17" L
	U16-4	Explosion proof	1/3	1725	115	6.8	3151	54	
18"	U18-1	Totally enclosed	1/3	1725	115	3.8	3700	52	21 3/8" H X 21 3/8" W X 17" L
	U18-4	Explosion proof	1/3	1725	115	6.8	3700	57	

All Explosion Proof Fans have a single speed, dual voltage explosion proof motor that meets and conforms to all the standards that are listed below.

CLASS I, GROUP C *Atmospheres containing ethyl ether, ethylene, gases or vapors of equivalent hazard.*

CLASS I, GROUP D *Atmospheres such as acetone, ammonia, benzene, butane, cyclopropane, ethanol, gasoline, hexane, methane, natural gas, naphtha, propane, or gasses or vapors of equivalent hazard.*

CLASS II GROUP E *Atmospheres containing Aluminum, Magnesium and other metal dusts with similar characteristics.*

CLASS II GROUP F *Atmospheres containing carbonaceous dust, including carbon black, charcoal, coal, or coke dusts that have more than 8% total entrapped v olatiles, or dusts that have been sensitized by other materials so that they present an explosion hazard.*

CLASS II GROUP G *Atmospheres containing combustible dusts not included in group E or F, including flour, grain, wood, plastic and chemicals.*



ACCESSORIES

- Hanger Bars/Hooks
- Flexible Hose
- Hose Connectors
- Collar Adaptors
- Utility Guards

For more information on accessories, see Portable Utility Fan & U Series Accessories.



U SERIES PORTABLE UTILITY FAN - HEAVY DUTY MODELS

U series utility fans - formerly known as FANTRAXX smoke ejectors - are ideal for many utility applications and have been designed to meet fire service needs. The units are available in various configurations and sizes to satisfy almost any application. These fans produce high volumes of air in compact and efficient designs. Sizes range from 12" up to 24" blade diameters. Available with totally enclosed or explosion proof motors ranging in size from 1/3HP to 1/2HP. Entire fan assemblies are certified as shown.

All **U series utility fans** are finished in a tough powder coat finish with cadmium plated safety guards. All motors are ball bearing and require no maintenance. Voltages other than those listed (including 50HZ) are available. Consult factory. All units are equipped with 6 feet of cord with a plug (explosion proof units are minus plug). Available accessories include hanger bars and hooks, collar adaptors, flexible hoses, hose connectors and misting adaptor kits.

FEATURES

- Available in 16" to 24" sizes.
- Totally enclosed ball bearing motor and explosion proof models available.
- Powder coated housing.
- Fans come complete with 6 foot 115V cord and plug (explosion proofmotors come without a plug).

For standard duty models please see previous page.

SPECIFICATIONS

BLADE DIAMETER	MODEL	MOTOR	HP	RPM	VOLTAGE	FULL LOAD AMPERAGE (115)	CFM	WEIGHT (LBS)	FAN DIMENSIONS
16"	U16-1HD	Totally enclosed	1/2	1725	115/230	8.8	3740	64	19 1/8" H X 19 1/8" W X 17" L
	U16-4HD	Explosion proof	1/2	1725	115/230	8.0	3740	83	
18"	U18-1HD	Totally enclosed	3/4	1725	115/230	11	5170	78	21 3/8" H X 21 3/8" W X 17" L
	U18-4HD	Explosion proof	3/4	1725	115/230	10.8	5170	96	
20"	U20-1HD	Totally enclosed	1	1725	115/230	13.4	6850	98	24 3/8" H X 24 5/14" W X 17" L
	U20-4HD	Explosion proof	1	1725	115/230	13.4	6850	118	
24"	U24-1HD	Totally enclosed	1 1/2	1725	115/230	15.2	9280	112	26 1/8" H X 26 1/8" W X 17" L
	U24-4HD	Explosion proof	1 1/2	1725	115/230	19	9280	134	

All Explosion Proof Fans have a single speed, dual voltage explosion proof motor that meets and conforms to all the standards that are listed below.

CLASS I, GROUP D *Atmospheres such as acetone, ammonia, benzene, butane, cyclopropane, ethanol, gasoline, hexane, methane, natural gas, naphtha, propane, or gasses or vapors of equivalent hazard.*

CLASS II GROUP F *Atmospheres containing carbonaceous dust, including carbon black, charcoal, coal, or coke dusts that have more than 8% total entrapped volatiles, or dusts that have been sensitized by other materials so that they present an explosion hazard.*

CLASS II GROUP G *Atmospheres containing combustible dusts not included in group E or F, including flour, grain, wood, plastic and chemicals.*



ACCESSORIES

- Hanger Bars/Hooks
- Flexible Hose
- Hose Connectors
- Collar Adaptors
- Utility Guards

For more information on accessories, see **Portable Utility Fan & U Series Accessories.**

PORTABLE UTILITY FAN & U SERIES SMOKE EJECTOR ACCESSORIES

HANGER BARS / HOOKS



Adjustable bar and hooks (sold separately) used to hang U Series utility fan from a doorway or opening (Minimum 31" / Maximum 45" wide).

MODEL	DESCRIPTION
SEH-3	DOOR HANGER BAR
SEH-HB	HANGER HOOKS (PAIR)

FLEXIBLE HOSE

Our Flexible Hose is constructed from a PVC fabric sewn around a spring wire helix. Temperature range is from -20° to 200°F. Flexible Hose is flame resistant and compressible to 1/5 extended length. Comes equipped with quick release buckle on one end and outlet ring on the other end.



8" & 12" models come complete with soft carrying case.

MODEL	DIAMETER	LENGTH	FAN SIZE
H8BC	8"	15'	U12
H12BC	12"	15'	U12
H16BC	16"	20'	U16
H18BC	18"	20'	U18
H20BC	20"	20'	U20
H24BC	24"	20'	U24

HOSE CONNECTORS

Hose Connectors are required when attaching two lengths of hose together. Two gear clamps are included.



MODEL	FOR HOSE DIAMETER
HK8	8"
HK12	12"
HK16	16"
HK18	18"
HK20	20"
HK24	24"

COLLAR ADAPTORS

Collar Adaptors are required when using flexible hose. Easily attached to the inlet or discharge of a Smoke Ejector with spring clips (included).



MODEL	HOSE SIZE	FAN SIZE	WEIGHT (LBS)
CA12-12	12"	U12	7
CA16	16"	U16	8
CA18	18"	U18	9
CA20	20"	U20	15
CA24	24"	U24	TBA

UTILITY GUARDS

Utility Guards have the centers cut out. To order with centre, do not include C in the model number.



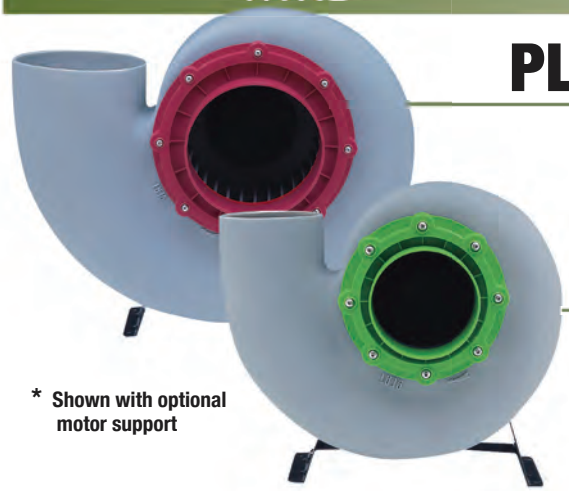
2U121CLFI



2U121LFI

MODEL	SIZE
2U121CLF I	12"
2U161CLF I	16"
2U181CLF I	18"
2U202CLF I	20"
MC27GC	27"
MC30CG	30"

PLASTEC POLYPROPYLENE BLOWERS



* Shown with optional motor support

The PLASTEC series polypropylene blowers are designed to work in highly corrosive air applications such as laboratory exhaust or the chemical industry. Housings are constructed of strong, high-density UV treated polypropylene for maximum corrosion resistance. Housings are made of a single piece to avoid leaks. Housings are reversible and rotatable to any of the 8 standard discharge positions.

FEATURES

- Housings constructed of strong, high density UV treated polypropylene for maximum corrosion resistance.
- One piece housing to avoid leakage.
- Housing is reversible and rotatable to any of the 8 standard discharge positions.
- Wheels are both electronically and dynamically balanced.
- Direct drive, heavy duty ball bearing motors for continuous duty.
- Totally enclosed, fan cooled motors (TEFC) or high efficient explosion proof motors.

PERFORMANCE DATA

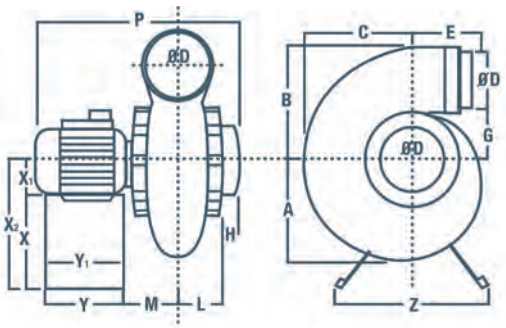
	MODEL #		INLET/OUTLET SIZE (OD) INCHES	RPM	H.P.	CFM									
	SINGLE PHASE	THREE PHASE				0"	1/4"	1/2"	3/4"	1"	1 1/2"	2"	2 1/2"	4"	5"
	TEFC														
15	P15T10025C	P15T30025C-*	4.92/4.92	1140	1/4	200	50	-	-	-	-	-	-	-	-
	P15T10033B	P15T30033B-*	4.92/4.92	1725	1/3	-	270	170	-	-	-	-	-	-	-
	P15T10050A	P15T30050A-*	4.92/4.92	3450	1/2	-	-	-	530	510	430	325	-	-	-
20	P20T10025C	P20T30025C-*	6.30/6.62	1140	1/4	-	500	350	-	-	-	-	-	-	-
	P20T10033B	P20T30033B-*	6.30/6.62	1725	1/3	-	-	800	700	600	100	-	-	-	-
	P20T10150A	P20T30150A-*	6.30/6.62	3450	1 1/2	-	-	-	-	-	-	-	-	1150	800
25	P25T10033C	P25T30033C-*	7.82/8.62	1140	1/3	-	1000	900	600	-	-	-	-	-	-
	P25T10075B	P25T30075B-*	7.82/8.62	1725	3/4	-	-	-	1500	1400	1100	500	-	-	-
	-	P25T30300A-*	7.82/8.62	3450	3										2250
30	P30T10075C	P30T30075C-*	9.84/10.75	1140	3/4	-	2000	1800	1600	1400	-	-	-	-	-
	P30T10200B	P30T30200B-*	9.84/10.75	1725	2	-	-	-	-	-	2700	2350	2050	-	-
35	-	P35T30200D	12.75/12.75	850	2	-	-	3250	3000	2500	-	-	-	-	-
	- (208-230/460 VOLT ONLY)	P35T30500C	12.75/12.75	1140	5	-	-	-	-	4100	3750	3000	-	-	-
	-	P35T31000B	12.75/12.75	1750	10	-	-	-	-	-	-	-	-	-	3500
	EXPLOSION PROOF														
15	P15X10033B	P15X30033B-*	4.92/4.92	1725	1/3	-	270	170	-	-	-	-	-	-	-
	P15X10050A	P15X30050A-*	4.92/4.92	3450	1/2	-	-	-	530	510	430	325	-	-	-
20	P20X10033B	P20X30033B-*	6.30/6.62	1725	1/3	-	-	800	700	600	100	-	-		-
	P20X10150A	P20X30150A-*	6.30/6.62	3450	1 1/2	-	-	-	-	-	-	-	-	1150	800
25	P25X10075B	P25X30075B-*	7.82/8.62	1725	3/4	-	-	-	1500	1400	1100	500	-	-	-
	-	P25X30300A-*	7.82/8.62	3450	3										2250
30	P30X10075C	P30X30075C-*	9.84/10.75	1140	3/4	-	2000	1800	1600	1400	-	-	-	-	-
	P30X10200B	P30X30200B-*	9.84/10.75	1725	2	-	-	-	-	-	2700	2350	2050	-	-



* For three phase motors, substitute "*" with "M" for 208-230/460V, or with "P" for 575V (except on P35 models which are only available in 208-230/460V)

DIMENSIONS

* Shown with optional motor support



DIMENSION	MODEL	RPMs		
		1150	1725	3450
X1	P15	2 13/16"	2 13/16"	2 13/16"
X2		12 1/4"	12 1/4"	12 1/4"
X1	P20	2 13/16"	2 13/16"	3 1/8"
X2		12 1/4"	12 1/4"	12 5/8"
X1	P25	2 13/16"	3 1/8"	3 9/16"
X2		12 1/4"	12 5/8"	15 3/8"
P		18 7/8"	20 1/2"	22 13/16"
X1	P30	3 1/8"	3 9/16"	22 7/16"
X2		17 11/16"	18 1/8"	-
P		22 7/16"	23 5/8"	-
X1	P35	4.41"	4.41"	-
X2		22.83"	22.83"	-
P		28.50"	28.5	-

MODEL	A	B	C	D	E	G	H	L	M	P	Y	Y1	Z	X
P15	6 1/16"	9 7/8"	8"	4 7/8"	5 11/16"	4 3/4"	1 1/5"	2 3/4"	3 1/8"	14 1/4"	7 1/16"	6 5/16"	13 3/8"	9 7/16"
P20	8 3/16"	12 1/16"	9 7/16"	6 5/8"	6 3/16"	5 1/2"	1 1/3"	3 3/8"	3 11/16"	15 1/3"	7 1/16"	6 5/16"	13 3/8"	9 7/16"
P25	9 3/4"	14 3/4"	12 3/16"	8 5/8"	6 5/8"	6 1/8"	1 1/3"	3 3/4"	4 1/8"	-	7 1/16"	6 5/16"	16 1/2	-
P30	11 3/16"	18 3/16"	14 11/16"	10 3/4"	7"	7 5/16"	1 1/3"	4 5/16"	4 3/4"	-	9 7/16"	8 11/16"	18 1/8"	-
P35	14.57"	22.44"	17.72"	12.75"	5.12"	10.04"	2.36"	5.91"	6.69"	28.50"	13.78"	12.36"	23.62"	18.43"

ACCESSORIES

- Weather hood enclosed pedestal for weather protection
- Roof unit kit
- Roof curbs
- Dampers
- Motor supports

Plastec products are special non-standard items and are not-returnable and cannot be cancelled.



JET SERIES POLYPROPYLENE INLINE FANS

The JET Series centrifugal inline fan is designed to work in highly corrosive air applications such as laboratory exhaust or the chemical industry Inline centrifugal fan from 6" up to 10" inlet. Mounted on a roof curb or a Inline, JET fans generate a high plume exhaust to ensure maximum dilution of gases in the environment. Smooth and quiet performance. Ideal for water treatment plants and fume hood exhaust applications.

FEATURES

- Polypropylene casing and wheel recommended up to 190˚F.
- Housing shall be constructed of strong high-density UV treated polypropylene for maximum corrosion resistance.
- High plume of air to ensure maximum dilution of gases to prevent exhaust fumes returning into buildings.
- Wheels are both electronically and dynamically balanced.
- Direct drive, heavy-duty ball bearing type motors for continuous duty.

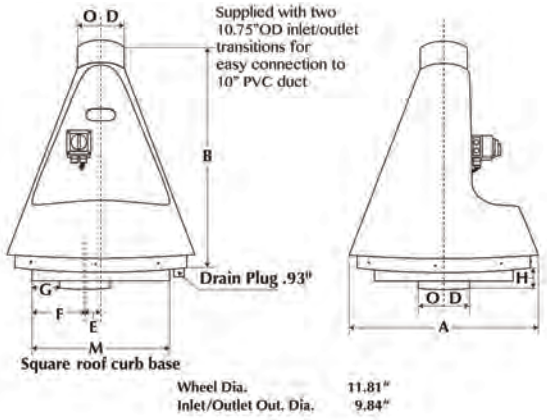
SPECIFICATIONS

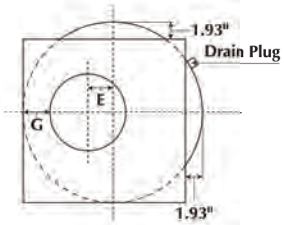
MODEL	MODEL # SINGLE PHASE	MODEL # THREE PHASE	INLET/OUTLET SIZE (OD) INCHES	RPM	H.P.	CFM 1/4"	1/2"	3/4"	1"	1 1/2"	2"	2 1/2"	3"	3.5"	4"	4.5"	7.5"	8.5"
TEFC																		
20	JET20T10025C	JET20T30025C-*	6.62/6.62	1140	1/4	325	100	-	-	-	-	-	-	-	-	-	-	-
20	JET20T10033B	JET20T30033B-*	6.62/6.62	1725	1/3	-	500	400	300	-	-	-	-	-	-	-	-	-
20	JET20T10150A	JET20T30150A-*	6.62/6.62	3450	1 1/2	-	-	-	-	-	1000	950	900	800	690	550		
25	JET25T10033C	JET25T30033C-*	8.62/8.62	1140	1/3	-	750	575	225	-	-	-	-	-	-	-	-	-
25	JET25T10075B	JET25T30075B-*	8.62/8.62	1725	3/4	-	-	-	1050	850	575	-	-	-	-	-	-	-
	-	JET25T30300A-*	8.62/8.62	3450	3	-	-	-	-	-	-	-	-	-	-	-	1350	800
30	JET30T10075C	JET30T30075C-*	10.75/10.75	1140	3/4	-	1500	1375	1250	250	-	-	-	-	-	-	-	-
30	JET30T10200B	JET30T30200B-*	10.75/10.75	1725	2	-	-	-	-	2100	1850	1500	875	-	-	-	-	-
EXPLOSION PROOF																		
20	JET20X10033B	JET20X30033B-*	8.62/8.62	1725	1/3	-	500	400	300	-	-	-	-	-	-	-	-	-
30	-	JET30X30075C-*	10.75/10.75	1140	3/4	-	1500	1375	1250	250	-	-	-	-	-	-	-	-
	-	JET30X30200B-*	10.75/10.75	1775	2	-	-	-	-	2100	1850	1500	875	-	-	-	-	-

* For three phase motors, substitute "*" with "M" for 208-230/460V, or with "P" for 575V

DIMENSIONS

MODEL	A	B	D	E	F	G	H	M (ID)	X	Y
JET20	23.62"	33.25"	6.3"	1.93"	9.87"	6.31"	4.5"	21.25" X 21.25"	11"	11.81"
JET25	28.93"	39.12"	7.87"	2.37"	12"	5.68"	5.31"	21.25" X 21.25"	13"	11.81"
JET30	34.62"	43.31"	9.84"	2.75"	7.87"	2.93"	5.12"	21.25" X 21.25"	15.75"	15.75"



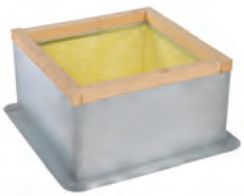


ACCESSORIES

- Optional JET Wall Mounting Bracket
- Optional Insulated Galvalume Roof Curb

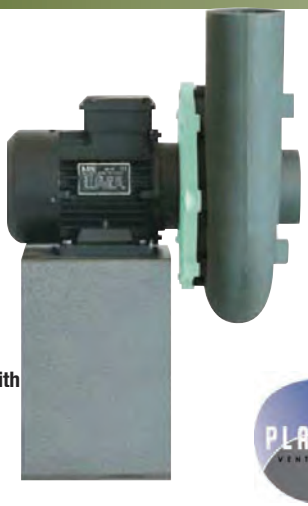


Wall Mounting Bracket



Insulated Galvalume Roof Curb

Plastec products are special non-standard items and are not-returnable and cannot be cancelled.



* Shown with optional motor support

STORM SERIES POLYPROPYLENE BLOWERS

Designed to exhaust fumes from highly corrosive environments such as laboratory exhaust or the chemical industry, especially those with high static pressure and low CFM. 3 sizes available from 3" to 6" inlet/outlet. It is an excellent system for Scrubber Applications and other systems requiring low airflow at higher static pressure. Suitable for many applications such as acid tank ventilation, hood exhaust, commercial washers wastewater, chemical cabinets/rooms, etc.

FEATURES

- Polypropylene casing and wheel recommended up to 190˚F.
- Housing shall be constructed of strong high-density UV treated polypropylene for maximum corrosion resistance.
- Housing is made of one piece to avoid leaks.
- Housing is rotatable to any of the 8 standard discharge positions.
- Wheels are both electronically and dynamically balanced.
- Direct drive, heavy-duty ball bearing type motors for continuous duty.

SPECIFICATIONS

		MODEL #		INLET/OUTLET SIZE (OD) INCHES	RPM	H.P.	CFM												
		SINGLE PHASE	THREE PHASE				1/4"	1/2"	3/4"	1"	1 1/2"	2"	2 1/4"	3"	4"	4.5"	6.5"	7.5"	11"	12"
		TEFC																		
MODEL	10	STORM10T10012B	-	2.95/2.95	1725	1/8	60	40	-	-	-	-	-	-	-	-	-	-	-	-
		STORM10T10016A	STORM10T30016A-*	2.95/2.95	3450	1/6	-	-	135	125	100	75	50	-	-	-	-	-	-	-
	12	STORM12T10033B	STORM12T30033B-*	3.54/3.54	1725	1/3	225	190	150	125	-	-	-	-	-	-	-	-	-	-
		STORM12T10100A	STORM12T30100A-*	3.54/3.54	3450	1	-	-	-	-	380	360	350	325	250	200	-	-	-	-
	14	STORM14T10050B	STORM14T30050B-*	4.53/4.53	1725	1/2	-	-	-	-	400	100	-			-		-		-
		-	STORM14T30300A-*	4.53/4.53	3450	3	-	-	-	-	-	-	-	-	-	-	800	550	-	-
	16	-	STORM16T30550A-*	6.5/6.5	3450	5 1/2	-	-	-	-	-	-	-	-	-	-	-	-	1200	300
		EXPLOSION PROOF																		
	10	STORM10X10033B	STORM10X30033B-*	2.95/2.95	1725	1/3	60	40	-	-	-	-	-	-	-	-	-	-	-	-
		STORM10X10016A	-	2.95/2.95	3450	1/6	-	-	135	125	100	75	50	-	-	-	-	-	-	-
	12	STORM12X10033B	STORM12X30033B-*	3.54/3.54	1725	1/3	225	190	150	125	-	-	-	-	-	-	-	-	-	-
		STORM12X10100A	STORM12X30100A-*	3.54/3.54	3450	1	-	-	-	-	380	360	350	325	250	200	-	-	-	-
	14	STORM14X10050B	STORM14X30050B-*	4.53/4.53	1725	1/2	-	-	-	-	400	100	-			-		-		-
		-	STORM14X30300A-*	4.53/4.53	3450	3	-	-	-	-	-	-	-	-	-	-	800	550	-	-
	16	-	STORM16X30550A-*	6.5/6.5	3450	5 1/2	-	-	-	-	-	-	-	-	-	-	-	-	1200	300

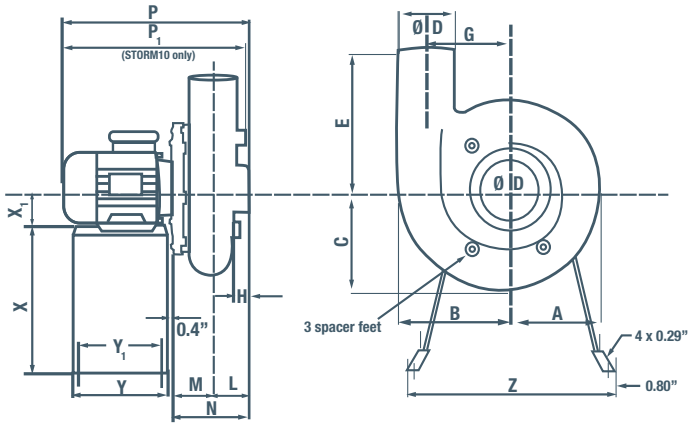
* For three phase motors, substitute "*" with "M" for 208-230/460V, or with "P" for 575V

DIMENSIONS

MODEL	A	B	C	D	E	G	H	L	M	N	Y	Y_1	Z	X
STORM10	4.53	5.31	5.00	2.95	6.22	3.82	1.26	1.90	2.24	4.14	7.09	6.3	13.39	9.45"

P_1	P	X_1	MOTOR TYPE
10.73"	11.88"	2.30"	Single Phase .12 HP 4 Pole
13.75"	14.90"	3.16"	Single Phase .16 HP 2 Pole
18.00"	19.15"	3.43"	Single Phase .12 HP 4 Pole

MODEL	WHEEL DIAMETER	A	B	C	D	E	G	H	L	M	N	P	Y	Y_1	Z	X	X_1
STORM12	7.75"	5.71"	6.89"	6.42"	3.54"	8.35"	5.12"	1.77"	3.15"	2.83"	5.98"	13.78"	7.09"	6.3"	13.39"	9.45"	2.8"
STORM14	9.75"	7.4"	9.13"	8.94"	4.53"	10.58"	6.69"	4.17"	6.33"	3.27"	9.6"	19.05"	7.125"	6.3"	13.39"	11.75"	3.15"
STORM16	11.75"	9.25"	11.34"	10.94"	6.5"	12.31"	8.07"	1.57"	3.94"	3.82"	7.76"	18.78"	13.78"	12.36"	23.62"	18.43"	4.41"



Metal stand does not come standard with fan. Motor frame sizes may vary upon type of motor used.

ACCESSORIES

- Weather hood enclosed pedestal for weather protection



WH4 Pedestal
Weather Hood



WH3 Pedestal
Weather Hood

Plastec products are special non-standard items and are not-returnable and cannot be cancelled.

BACKDRAFT DAMPERS

MODEL 3000, 3100, 3200

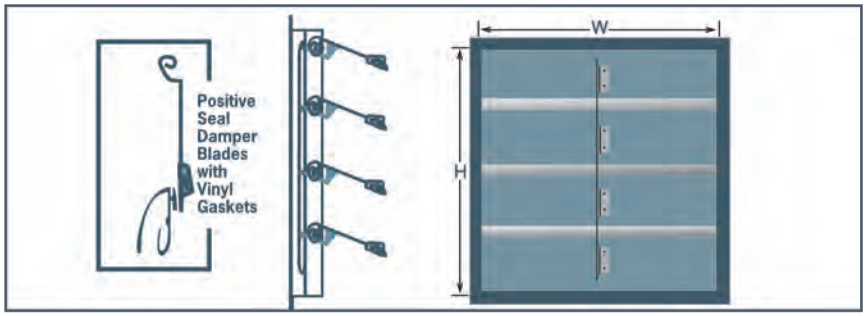


3100 Series Shown

BLADE OPTION:

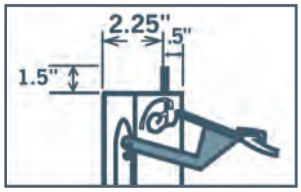
SR: 0.016" - 0.020" roll formed aluminum with vinyl gasket - used with fan motors under 1 HP

SE: 0.05" extruded aluminum with vinyl gasket - used with fan motors over 1 HP

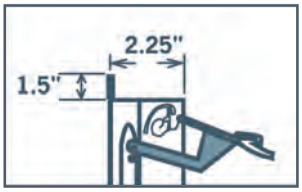




SERIES 3000
SIDE MOUNT - NO FLANGE



SERIES 3100
INWARD MOUNT



SERIES 3200
OUTWARD MOUNT

FEATURES

- Sturdily constructed from all aluminum extrusions.
- Roll form blades or extruded aluminum blades.
- Available in any combination of width and height.
- Less than 1% leakage.

3000 & 3100 Series are undercut by 1/4".
3200 Series is cut exact.

ORDERING METHOD FOR BACKDRAFT & MOTORIZED BACKDRAFT DAMPERS

S	R	32	16	X	16

- 16 — Height 1/4" increments
- X — Separator
- 16 — Width 1/4" increments
- 32 — Series 30 for 3000, 31 for 3100 or 32 for 3200
- R — Non motorized - blade type
- X — Motorized - motor
- S — Shutter

Blade type:
- **R** - for Roll form (fans using under 1 HP motors)
- **E** - for Extruded (heavier blades for motors above 1 HP)

Motor:
- **X** - for 115/230V
- **Z** - for 24V AC

Extruded blades with multi products motor is standard

MOTORIZED BACKDRAFT DAMPERS

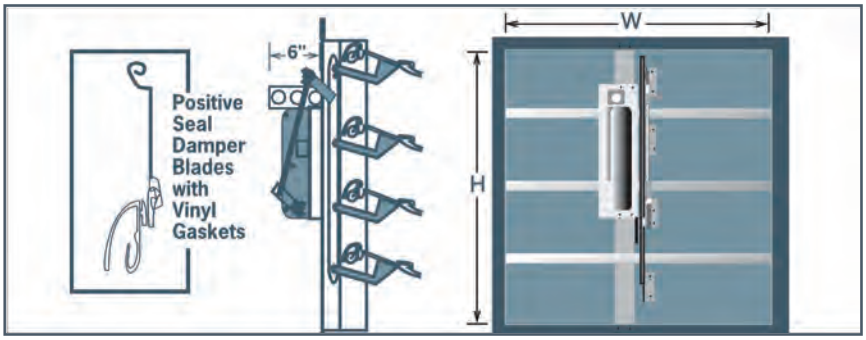
MODEL 3000M, 3100M, 3200M

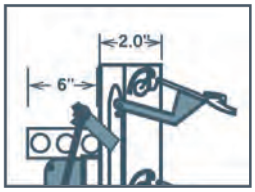


3100 Series Shown

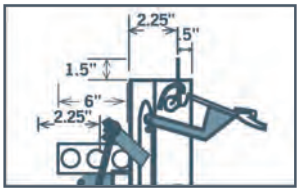
See **Controls & Operators** for Multi-Products replacement motors.

Non-standard shutters are non-returnable and cannot be cancelled.

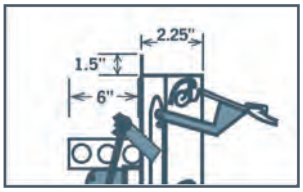




SERIES 3000M
SIDE MOUNT - NO FLANGE



SERIES 3100M
INWARD MOUNT



SERIES 3200M
OUTWARD MOUNT

FEATURES

- Sturdily constructed from all aluminum extrusions
- Damper motor factory installed (24V, 115/230V - must specify at time of order)
- Maximum 30.25 sq. feet per motor
- Positive seal keeps leakage less than 1%
- Blades are 0.5" extruded aluminum with vinyl gasket
- Double panel available 30" and up
- Standard multi products motor

3000 & 3100 Series are undercut by 1/4".
3200 Series is cut exact.

ACCESSORIES

- Bird screen
- End switch
- Special coatings
- Insect screen



FIXED LOUVRES
MODEL - EAL-2, EAL-2F

Normally used as an exhaust louvre where the total CFM is relatively low

Models EAL-2 and EAL-2F are 2" deep louvres with blades set at a 30º angle. Their slim design may be used in curtain wall, interior or exterior partitions and window walls. All louvres are furnished with 1/2" x 1/2" regalvanized wire birdscreen.

Non-standard shutters are non-returnable and cannot be cancelled.

FEATURES

- **MATERIAL**: .081" (2.06 mm) thick, 6063-T5 alloy, extruded aluminum
- **BLADE DESIGN**: set at 30º spaced 2" (50 mm) on centres with storm proof performance
- **CONSTRUCTION**: blade assembly is designed to prevent bowing and distortions. All corners are mitered to provide a neat, uniform extrusion profile at the perimeter.
- **SCREENS**: 1/2" x 1/2" regalvanized, 19 gauge wire
- **FINISHES**: mill is standard finish, anodized or baked enamel available at additional cost.
- **SIZES**: per customer specification multiple sections may be required. Consult factory. Minimum size available: 12" x 8".

ORDERING METHOD

- **No flange: EL2-W x H eg) EL2-16x16**
- **With flange: EL2F-W x H eg) EL2F-16x16**



FIXED LOUVRES
MODEL - EAL-4, EAL-4F

Design provides high free area and can exhaust a high volume of air with little static pressure.

Models EAL-4 and EAL-4F are 4" deep louvres with blades set at a 30º angle, ensuring positive drainage which prevents discoloration of building walls. All louvres are furnished with 1/2" x 1/2" regalvanized wire birdscreen.

Non-standard shutters are non-returnable and cannot be cancelled.

FEATURES

- **MATERIAL**: .081" (2.06 mm) thick, 6063-T5 alloy, extruded aluminum
- **BLADE DESIGN**: set at 45º spaced 4" (100 mm) on centres with storm proof performance
- **CONSTRUCTION**: blade assembly is designed to prevent bowing and distortions. All corners are mitered to provide a neat, uniform extrusion profile at the perimeter.
- **SCREENS**: 1/2" x 1/2" regalvanized, 19 gauge wire
- **FINISHES**: mill is standard finish, anodized or baked enamel available at additional cost.
- **SIZES**: per customer specification multiple sections may be required. Consult factory. Minimum size available: 12" x 12".

ORDERING METHOD

- **No flange: EL4-W x H eg) EL4-24x24**
- **With flange: EL4F-W x H eg) EL4F-24x24**



FIXED LOUVRES
MODEL - EAL-6, EAL-6F

Design provides protection from water penetration while retaining high free area.

Models EAL-6 and EAL-6F are 6" deep louvres with blades set at a 45º angle. Their slim design may be used in curtain wall, interior or exterior partitions and window walls. The design provides protection from water penetration while retaining high free area. All louvres are furnished with 1/2" x 1/2" regalvanized wire birdscreen.

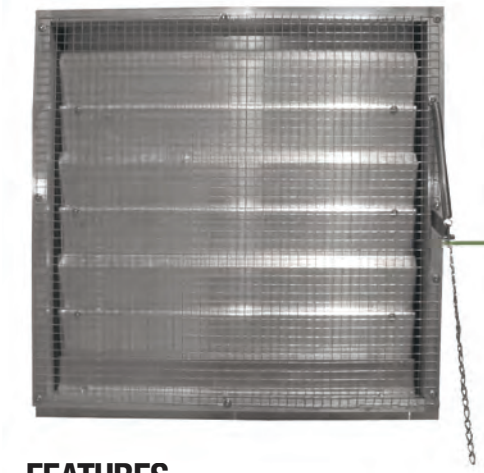
Non-standard shutters are non-returnable and cannot be cancelled.

FEATURES

- **MATERIAL**: .085" (2.16 mm) thick, 6063-T5 alloy, extruded aluminum
- **BLADE DESIGN**: set at 45º spaced 7 1/4" (184.2 mm) on centres with storm proof performance
- **CONSTRUCTION**: blade assembly is designed to prevent bowing and distortions. All corners are mitered to provide a neat, uniform extrusion profile at the perimeter.
- **SCREENS**: 1/2" x 1/2" regalvanized wire
- **FINISHES**: mill is standard finish, anodized or baked enamel available at additional cost.
- **SIZES**: available in any combination of width or height (multiple sections may be required). Minimum size available: 16" x 16".

ORDERING METHOD

- **No flange: EL6-W x H eg) EL6-24x24**
- **With flange: EL6F-W x H eg) EL6F-24x24**



OPERATING LOUVRES
MODEL - EAL-4-0, EAL-4-0F

Ideal for applications in which the available space does not allow for a fixed louvre and a backdraft damper.

Models EAL-4-0 and EAL4-0F are 4" deep operable louvres with storm proof blades which pivot on aluminum pins rotating in nylon flanged bearings. Manual or motor operators may be employed. Bird screen is 1/2" x 1/2" regalvanized wire and normally mounted on the face of the louvres.

Non-standard shutters are non-returnable and cannot be cancelled.

FEATURES

- **MATERIAL**: .085" (2.16 mm) thick, 6063-T5 alloy, extruded aluminum
- **BLADE DESIGN**: adjustable to 6 1/8" (156 mm) on centres with storm proof performance, 45º spaced
- **CONSTRUCTION**: blade assembly is designed to prevent bowing and distortions. Complete with jam and blade seals.
- **SCREENS**: 1/2" x 1/2" (12.7 mm x 12.7 mm) regalvanized wire
- **FINISHES**: mill is standard finish, anodized or baked enamel available at additional cost.
- **SIZES**: available in any combination of width or height (multiple sections may be required). Minimum size available: 12" x 12".
- **STANDARD METHOD OF OPERATION**: Chain. Belimo actuators available. See **Controls & Operators.**

ORDERING METHOD

- **No flange: EL40-W x H eg) EL40-24x24**
- **With flange: EL40F-W x H eg) EL40F-24x24**

SCD - STEEL CONTROL DAMPERS STANDARD CONSTRUCTION



The SCD series control dampers have been designed and tested to provide a reliable cost effective control damper where tight sealing is NOT of primary importance (for tight sealing dampers, use model SCD-LL). Its design lets it to be used in either exhaust or intake applications.

The SCD series rigid frame and integrally braced corners provide true damper alignment that greatly resists being installed out of square or out of flat. Available in either parallel or opposed blade models.
SCD dampers less than 48" wide x 12" high are furnished with a low profile flat top and bottom to maximize free area. Dampers may be made to accommodate higher than the recommended 2.5" w.g. static pressure. Contact factory if application involves pressures in excess of 2.5" w.g. or velocities greater than 1500 fpm. Factory installed operators are available. Consult factory for details.

Non-standard shutters are non-returnable and cannot be cancelled.

FEATURES

- **FRAME**: roll-formed galvanized steel hat section with staked corners with integral bracing.
- **BLADE**: 16-18 gauge triple-vee profile roll-formed galvanized steel. Minimum width: 4.25". Maximum width: 7.25". Opposed blades are standard (for parallel, please specify).
- **BEARINGS**: bronze oilite, press fit into frame
- **AXLES**: square, plated steel
- **LINKAGES**: concealed in frame. Leakage bars are 12 gauge thick galvanized steel.
- **FINISH**: mill galvanized
- **EXTENDED SHAFT**: 0.5" diameter, plated steel
- **MAXIMUM TEMPERATURE**: 250ºF
- **SIZES**: **Minimum size**: 5" W x 4" H; **Maximum size**: single section - 48" W x 72" H;
  Multiple section - unlimited size

See **Controls & Operators** for Belimo motor options.

ORDERING METHOD

MODEL NOMENCLATURE EXAMPLE

DAMPER STYLES: SCD = SD; SCD-LL = SL

DAMPER STYLE: **SD**
24.00 (WIDTH) **x** **24.000** (HEIGHT)
PLACEHOLDER FOR ACTUATOR (IF REQUIRED): **A**
A=MOUNTED IN AIRSTREAM
B=MOUNTED OUT OF AIRSTREAM

SCD-LL - STEEL CONTROL DAMPERS LOW LEAKAGE CONSTRUCTION



Non-standard shutters are non-returnable and cannot be cancelled.

The SCD-LL series control dampers have been designed and tested to provide an extremely tight sealing damper which is cost effective for the majority of HVAC applications. They are generally recommended for face velocities up to 2000 fpm and static pressures to 2.5" w.g.
(**Note**: for systems in excess of 2.5 w.g., contact the factory.)

The SCD-LL series dampers have inflatable pressure sensitive jamb and blade edge seals to provide the ultimate in sealing characteristics without unduly increasing torque requirements. Available in either parallel or opposed (standard) blade models.

SCD-LL dampers less than 48" wide x 12" high are furnished with a low profile flat top and bottom to maximize free area. SCD-LL dampers have a rigid frame and integrally braced corners that provide true damper alignment that greatly resists being installed out of square or out of flat. This ensures on site performance equal to test results. Factory installed operators are available. Consult factory for details.

FEATURES

- **FRAME**: roll-formed galvanized steel hat section with staked corners with integral bracing.
- **BLADE**: 16-18 gauge triple-vee profile roll-formed galvanized steel. Minimum width: 4.25". Maximum width: 7.25". Opposed blades are standard (for parallel, please specify).
- **BEARINGS**: bronze oilite. Press into frame.
- **SEALS**: pressure sensitive PVC blade edge & flexible metal jamb seals
- **LINKAGES**: concealed in frame. Leakage bars are .125" thick plated steel.
- **FINISH**: mill galvanized
- **EXTENDED SHAFT**: 0.5" diameter, plated steel
- **MAXIMUM TEMPERATURE**: 250ºF
- **SIZES**: **Minimum size**: 5" W x 4" H; **Maximum size**: single section - 48" W x 72" H; **Multiple section** - unlimited size

PERFORMANCE DATA

The SCD-LL dampers have been tested to **AMCA Standard 500-D** with the following results:

	AT 1.0" w.g.	AT 2.5" w.g.	AT 4.0" w.g.
LEAKAGE (cfm/SQ FT)	3.5	5.0	7.0



SCD-LL-HD - HEAVY DUTY CONTROL DAMPERS LOW LEAKAGE CONSTRUCTION

The SCD-LL-HD series dampers have been designed and tested to provide rigid, robust and yet cost effective control dampers for special applications involving high pressure up to 9.0” w.g.

The SCD-LLHD dampers have a pressure sensitive jamb and the blade edge seals to provide the ultimate in sealing characteristics without unduly increasing torque requirements.

The SCD-LL-HD series damper’s rigid frame and integrally braced corners provide true damper alignment that greatly resists being installed out of square or out of flat. This ensures on site performance equal to test results. Factory installed electric motors are available. Consult factory for details.

Non-standard shutters are non-returnable and cannot be cancelled.

FEATURES

- **FRAME**: roll-formed galvanized steel hat section with staked corners with integral bracing & roll-formed galvanized steel C channel insert welded to provide equivalent of 12 gauge steel.
- **BLADE**: 16 gauge roll-formed galvanized steel & 18 gauge roll-formed galvanized steel continuous rigidizing section to provide equivalent of 10 gauge steel.
- **BLADE STYLE**: Opposed blades are standard; parallel blade on request
- **BEARINGS**: bronze oilite, press fit into frame
- **AXLES**: square, plated steel PVC
- **SEALS**: pressure sensitive, dual durometer blade edge seals and flexible metal jamb seals
- **LINKAGES**: concealed in frame. Leakage bars are 12 gauge thick galvanized steel
- **FINISH**: mill galvanized
- **EXTENDED SHAFT**: 0.5” diameter, plated steel
- **MAXIMUM TEMPERATURE**: 250ºF
- **SIZES**: **Minimum size**: 8” W x 8” H (203 mm x 203 mm); **Maximum size**: single section - 60” W x 72” H (1524 mm x 1829 mm); **Multiple section** - unlimited size.

See **Controls & Operators** for Belimo motor options.

PERFORMANCE DATA

The SCD-LL-HD dampers have been tested to **AMCA Standard 500-D** with the following results:

	AT 1.0" w.g.	AT 4.0" w.g.	AT 8.0" w.g.	AT 8.0" w.g.
LEAKAGE (cfm/SQ FT)	3.5	7.0	9.8	11.2

OPTIONAL CONSTRUCTION

- **BEARINGS**: nylon, press fit into frame
- Silicone blade edge seals

ORDERING METHOD

MODEL NOMENCLATURE EXAMPLE

DAMPER STYLES: SCD-LL-HD = SL-HD

DAMPER STYLE: **SL-HD** | WIDTH: **24.00** x HEIGHT: **24.000** | PLACEHOLDER FOR ACTUATOR (IF REQUIRED): **A**

A=MOUNTED IN AIRSTREAM
B=MOUNTED OUT OF AIRSTREAM

NOTE: dampers are furnished approximately 1/4” smaller than given duct dimensions. Not recommended with blades running vertically. All dampers 32” and over are supplied with Jack shafting.

SCD-RD - STEEL ROUND CONTROL DAMPERS STANDARD CONSTRUCTION



The SCD-RD series control dampers have been designed and tested to provide a reliable cost effective control damper where tight sealing is NOT of primary importance. (**Note**: tight sealing dampers, see model # SCD-RD-LL-88).

Dampers are furnished approximately 1/8" smaller than given duct dimensions.

Factory installed electric operators are available when dampers are ordered with motor standard off bracket. Consult factory for details.

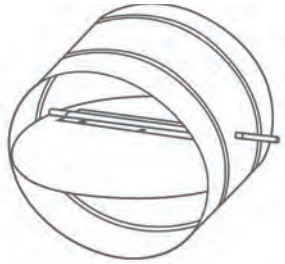
Non-standard dampers are non-returnable and cannot be cancelled.

FEATURES

- **FRAME**: galvanized steel, rolled reinforcement.

DIAMETER	GAUGE
5" - 9"	22 ga.
10" - 24"	20 ga.

- **BLADE**: galvanized steel with welded channel reinforcement.
- **BEARINGS**: bronze oilite
- **AXLES**: 3/8" square plated steel
- **FINISH**: mill galvanized
- **EXTENDED SHAFT**: Removable. 1/2" diameter, plated steel
- **MAXIMUM TEMPERATURE**: 200ºF
- **DAMPER SIZES**: 5" to 24" diameter



ORDERING METHOD

- **Use diameter required. SCD-RD-diameter eg) SCD-RD-10**

SCD-RD-LL - STEEL ROUND CONTROL DAMPERS LOW LEAKAGE CONSTRUCTION



The SCD-RD-LL series control dampers have been designed and tested to provide an extremely tight sealing damper which is cost effective for the majority of HVAC applications.

Dampers are furnished approximately 1/8" smaller than given duct dimensions.

The SCD-RD-LL series dampers have pressure sensitive blade edge seals to provide the ultimate in sealing characteristics without unduly increasing torque requirements. Factory installed electric operators are available when dampers are ordered with motor stand off bracket. Consult factory for details.

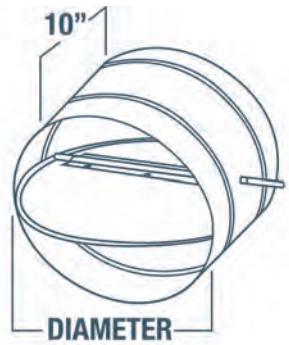
Non-standard dampers are non-returnable and cannot be cancelled.

FEATURES

- **FRAME**: galvanized steel, rolled reinforcement.

DIAMETER	GAUGE
5" - 9"	22 ga.
10" - 24"	20 ga.

- **SEALS**: dual durometer pressure sensitive blade edge and jamb seals
- **BLADE**: galvanized steel with welded channel reinforcement.
- **BEARINGS**: bronze oilite
- **AXLES**: 3/8" square plated steel
- **FINISH**: mill galvanized
- **EXTENDED SHAFT**: Removable. 1/2" diameter, plated steel
- **MAXIMUM TEMPERATURE**: 200ºF
- **DAMPER SIZES**: 5" to 24" diameter



ORDERING METHOD

- **Use diameter required. SCD-RD-LL-diameter eg) SCD-RD-LL-10**

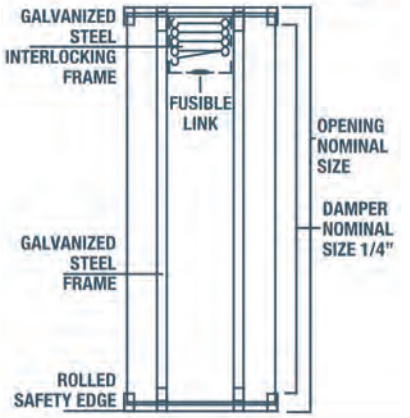
PERFORMANCE DATA

The SCD-RD-LL dampers have been tested to **AMCA Standard 500-D** with the following results:

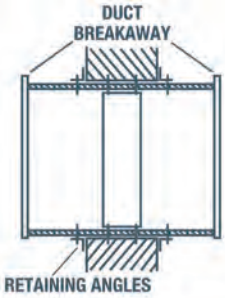
	AT 1.0" w.g.	AT 2.5" w.g.	AT 4.0" w.g.
LEAKAGE (cfm/SQ FT)	1.0	1.5	4.0

TYPE A - FIRE DAMPERS VERTICAL & HORIZONTAL

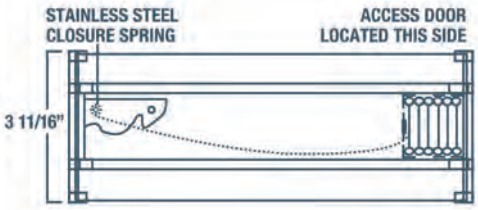
TYPICAL VERTICAL DAMPER



SUGGESTED INSTALLATION



TYPICAL HORIZONTAL DAMPER



FEATURES

- Narrow 2 3/16" or 1 1/2" frame
- Electro thermal links - 165ºF standard
- Other fusible links 135ºF, 212ºF, 286ºF
- Adjustable blade stack for combination fire/balancing damper
- Solenoid release
- Micro-switches for fan shut off and/or status control
- Stainless steel construction
- 1 1/2 hour rating standard - 3 hour optional vertical only
- Maximum size: 36" x 36"; Minimum size: 6" x 6"

Type A & Type B Fire Dampers are non-standard dampers and are not-returnable and cannot be cancelled.

SPECIAL NOTE

When the damper or damper assembly exceeds either 48" in width or 60" in height, the retaining angles should not be less than 1 1/2" x 1 1/2" x 1/8" thick and should be attached to the sleeve using 20 1/4" x 3/4" round head stove bolts at 8" on C. 1" long welds or No. 14 x 3/4" sheet metal screws at the same spacing.

TYPE B - FIRE DAMPERS VERTICAL & HORIZONTAL

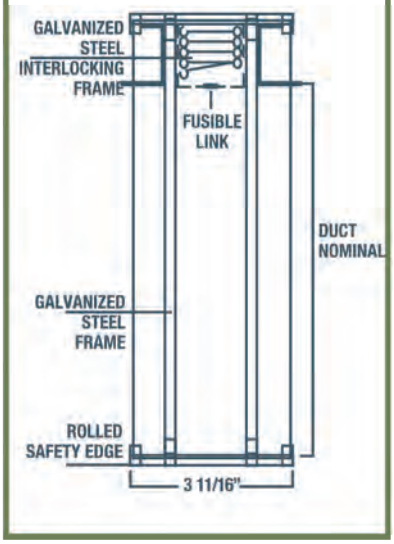
FEATURES

- Narrow 2 3/16" or 1 1/2" frame
- Electro thermal links - 165ºF standard
- Other fusible links 135ºF, 212ºF, 286ºF
- Adjustable blade stack for combination fire/balancing damper
- Solenoid release
- Micro-switches for fan shut off and/or status control
- Stainless steel construction
- 1 1/2 hour rating standard - 3 hour optional vertical only
- Maximum size: 36" x 36"; Minimum size: 6" x 4"

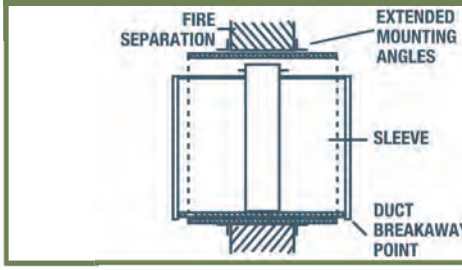
SPECIAL NOTE

When the damper or damper assembly exceeds either 48" in width or 60" in height, the retaining angles should not be less than 1 1/2" x 1 1/2" x 1/8" thick and should be attached to the sleeve using 20 1/4" x 3/4" round head stove bolts at 8" on C. 1" long welds or No. 14 x 3/4" sheet metal screws at the same spacing.

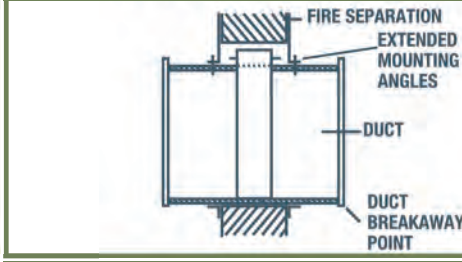
TYPICAL VERTICAL DAMPER



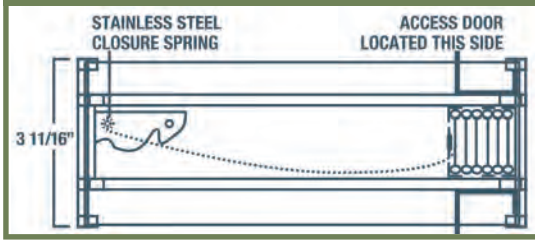
SUGGESTED INSTALLATION



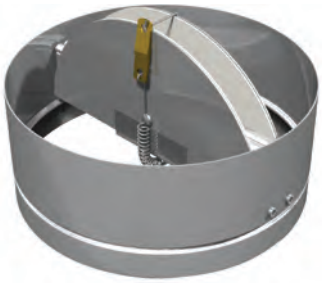
ALTERNATE INSTALLATION

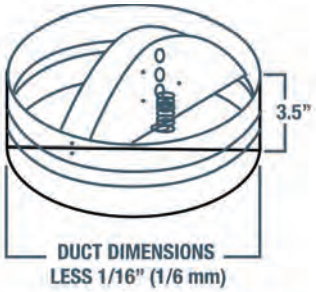


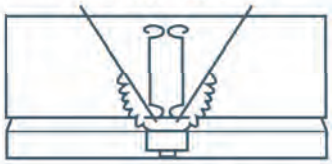
TYPICAL HORIZONTAL DAMPER



Type A & Type B Fire Dampers are non-standard dampers and are not-returnable and cannot be cancelled.







CD-RD-A-85
WITH ADJUSTABLE VOLUME CONTROLLER

CD-RD - ROUND CEILING DAMPER STANDARD CONSTRUCTION

MODELS

- **CD-RD-85 -** Round, butterfly-type (non asbestos)
- **CD-RD-A-85** - Round, butterfly-type (non asbestos) with adjustable volume control

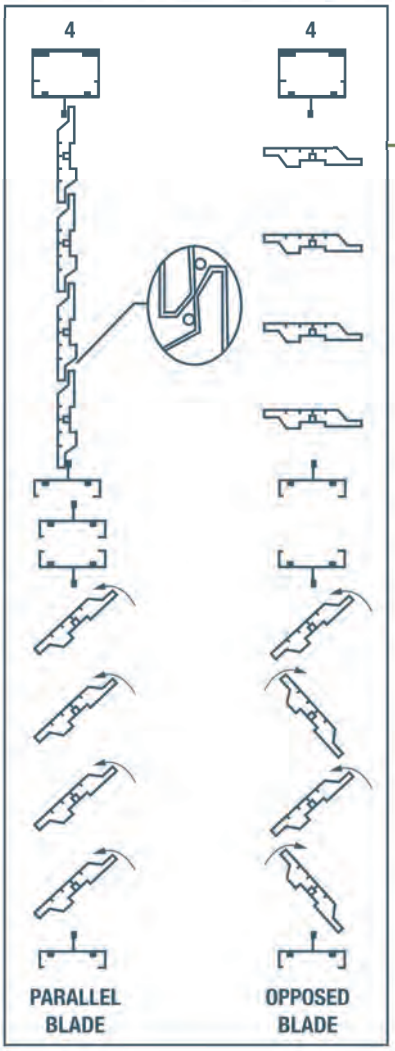
FEATURES

- **FRAME**: 24 gauge galvanized steel
- **BLADES**: 22 gauge galvanized steel.
- **THERMAL BLANKET**: non-asbestos ceramic blanket
- **SPRING**: corrosion resistant steel spring
- **FUSIBLE LINK**: replaceable 212ºF standard. Other ratings available.
- **FINISH**: mill
- **SIZES**: **Minimum size**: 5"; **Maximum size**: 15"
  (For sizes 16" to 20" CFSR-2 will be supplied.)
- **UL/UCL LISTINGS**: 3 - 4 hours

ORDERING METHOD

- **Use diameter required: CD-RD-diameter eg) CD-RD-8**

Non-standard dampers are non-returnable and cannot be cancelled.



AD - AF ALUMINUM CONTROL DAMPERS

FEATURES

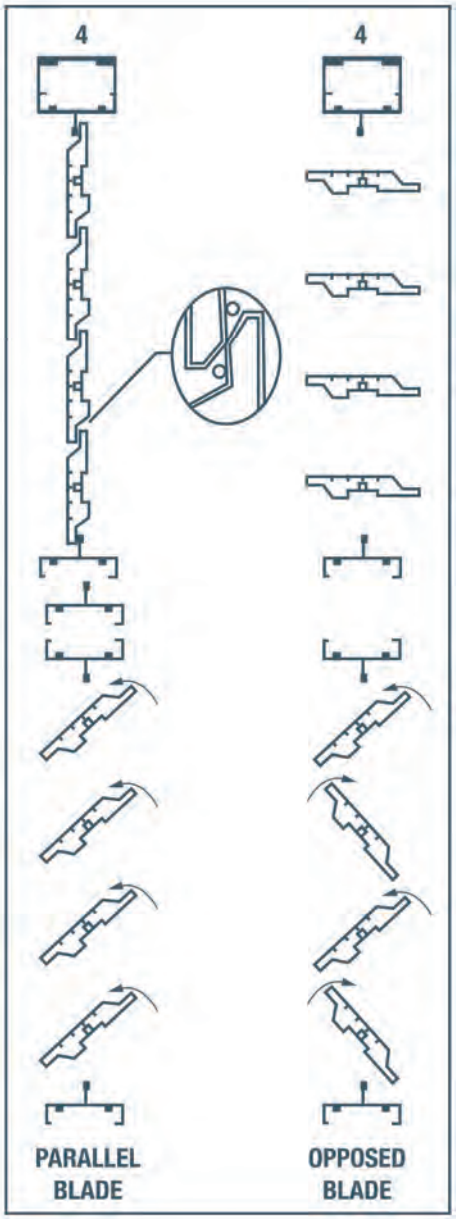
- **DEPTH BLADES CLOSED**: 4" (101 mm)
- **DEPTH BLADES OPEN**: 6 1/8" (156 mm)
- **MATERIAL**: extruded 6063-T5 aluminum
- **FRAME THICKNESS**: 0.081" (2.06 mm)
- **BLADE STYLE**: **OB** - opposed blade standard; **PB** - parallel blade on request
- **BLADE THICKNESS**: 0.081" (2.06 mm)
- **BEARINGS**: moulded synthetic (Acetal)
- **SEALS**: co-extruded santoprene vinyl blade seal and vinyl jamb seal
- **AXLES**: 3/8" aluminum square bar
- **FRAME STYLE**: specify **DM** for Duct Mount or **FM** for Flange Mount
- **MINIMUM HEIGHT**: 8" (203 mm) single blade; 15" (381 mm) multiple blade
- **MAXIMUM PANEL WIDTH**: 60" (1524 mm)
- **MAXIMUM PANEL HEIGHT**: 60" (1524 mm)
- **MAXIMUM SYSTEM PRESSURE**: 5" w.g. for 60" blades
- **LEAKAGE**: does not exceed 7 CFM/ft2 (341/s/m2) against 4" w.g. (1 kPa) differential static pressure at -40ºF (-40ºC)
- **LINKAGE**: concealed in frame
- **STANDARD FINISH**: mill
- **STANDARD MOTOR INSTALLATION**: side shaft direct drive, extendable up to 12"

ORDERING METHOD

- **DUCT MOUNT: AD-WxH**
- **FLANGE MOUNT: AF-WxH**

Non-standard dampers are non-returnable and cannot be cancelled.

ADI - AFI
ALUMINUM CONTROL DAMPERS



FEATURES

- **DEPTH BLADES CLOSED**: 4” (101 mm)
- **DEPTH BLADES OPEN**: 6 1/8” (156 mm)
- **MATERIAL**: extruded 6063-T5 aluminum
- **FRAME THICKNESS**: 0.081” (2.06 mm)
- **BLADE STYLE**: **OB** - opposed blade standard; **PB** - parallel blade on request
- **BLADE THICKNESS**: 0.081” (2.06 mm)
- **BEARINGS**: dual bearing system,consists of Engineered thermoplastic bearings (Acetal)
- **SEALS**: co-extruded santoprene vinyl blade seal and vinyl jamb seal
- **AXLES**: 3/8” aluminum square bar
- **FRAME STYLE**: specify **DM** for Duct Mount or **FM** for Flange Mount
- **FRAME INSULATION**: polystyrene insulation
- **BLADE INSULATION**: 60” blades are thermally broken high density polyurethane non-CFC foam (R-2.25)
- **MINIMUM HEIGHT**: 8” (203 mm) single blade; 15” (381 mm) multiple blade
- **MAXIMUM PANEL WIDTH**: 60” (1524 mm)
- **MAXIMUM PANEL HEIGHT**: 60” (1524 mm)
- **MAXIMUM PANEL SIZE**: 20 square feet
- **MAXIMUM SYSTEM PRESSURE**: 4” w.g.
- **LEAKAGE**: does not exceed 7 CFM/ft^2 (341/s/m^2) against 4” w.g. (1 kPa) differential static pressure at -40ºF (-40ºC)
- **LINKAGE**: concealed in frame
- **STANDARD FINISH**: mill
- **STANDARD MOTOR INSTALLATION**: side shaft direct drive, extendable up to 12”
- **OPERATING TEMPERATURE RANGE**: -40˚ to +200˚F

ORDERING METHOD

- **DUCT MOUNT: ID-WxH**
- **FLANGE MOUNT: IF-WxH**

Non-standard dampers are non-returnable and cannot be cancelled.

NEW

NEW HIGH EFFICIENCY ECSMART MOTOR - UP TO 70% ENERGY SAVINGS WITH EC MOTORS

ECsmart MOTORS

with User Interface for Speed Control, High Efficiency



ODP & TEAO with with built in speed control



TEAO - Suitable for wet locations

FEATURES

- High efficiency, up to 85% efficiency with watt savings of 30 to 70%
- Variable HP & speed
- 1/4 HP to 1.0 HP, 1800, 1200 and 1000 RPM models available
- 48 NEMA frame with all AC motor mounting options available for drop in replacement of AC motors
- Soft start - quiet and lower start up amperage loads
- Advanced electronic protection- cool running and self-limiting thermal and amperage control
- Totally enclosed or ODP with reversible options - suitable for many applications
- Available with or without built in potentiometer which can be controlled remotely using optional 0-10V control
- Standard LED display for RPM readout
- 120/208-280V
- Single phase, 50/60 HZ
- Separate AC and DC power connection boxes for safety.
- Customizable Maximum RPM to match wheel/blade/product restraints.

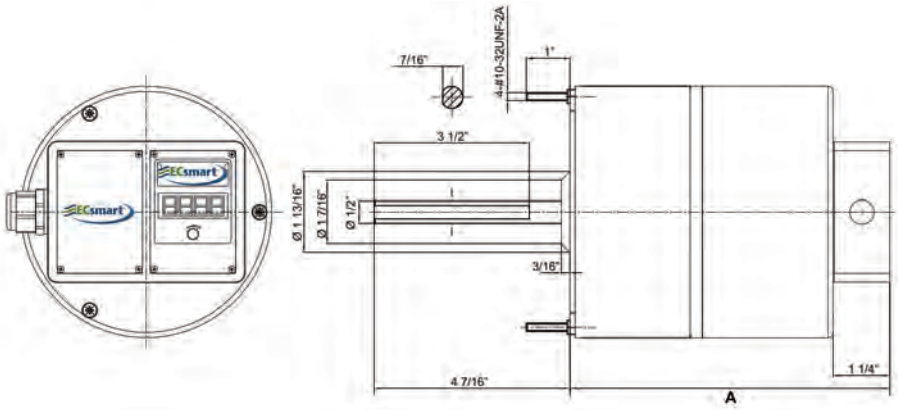
PERFORMANCE SPECIFICATIONS

	MODEL NUMBER	HP	RPM	VOLTS	AMPS	HZ	SHIP WT. (LBS)
Totally Enclosed with Built In Speed Control	8842025-RPM18	1/4	300-1800	120/208-280V	3.1/1.8-1.5	50/60	10
	8842033-RPM18	1/3	300-1800	120/208-280V	4.1/2.5-2.0	50/60	10
	8842050-RPM18	1/2	300-1800	120/208-280V	5.7/3.4-2.6	50/60	10
	8842050-RPM12	1/2	300-1200	120/208-280V	5.7/3.5-2.8	50/60	10
	8842075-RPM18	3/4	300-1800	120/208-280V	7.7/4.7-3.7	50/60	15
	8842075-RPM10	3/4	300-1000	120/208-280V	TBA	50/60	15
	8842100-RPM18	1	300-1800	120/208-280V	11/6.4-5.2	50/60	15
	8842100-RPM12	1	300-1200	120/208-280V	9.7/6.0-4.6	50/60	15
ODP with Built In Speed Control	8844025-RPM18	1/4	300-1800	120/208-280V	3.1/1.8-1.5	50/60	10
	8844033-RPM18	1/3	300-1800	120/208-280V	4.1/2.5-2.0	50/60	10
	8844050-RPM18	1/2	300-1800	120/208-280V	5.7/3.4-2.6	50/60	10
	8844050-RPM12	1/2	300-1200	120/208-280V	5.7/3.5-2.8	50/60	10
	8844075-RPM18	3/4	300-1800	120/208-280V	7.7/4.7-3.7	50/60	15
	8844075-RPM10	3/4	300-1000	120/208-280V	TBA	50/60	15
	8844100-RPM18	1	300-1800	120/208-280V	11/6.4-5.2	50/60	15
	8844100-RPM12	1	300-1200	120/208-280V	9.7/6.0-4.6	50/60	15
Totally Enclosed - For Wet locations	8842025-10V18	1/4	300-1800	120/208-280V	3.1/1.8-1.5	50/60	10
	8842033-10V18	1/3	300-1800	120/208-280V	4.1/2.5-2.0	50/60	10
	8842050-10V18	1/2	300-1800	120/208-280V	5.7/3.4-2.6	50/60	10
	8842050-10V12	1/2	300-1200	120/208-280V	5.7/3.5-2.8	50/60	10
	8842075-10V18	3/4	300-1800	120/208-280V	7.7/4.7-3.7	50/60	15
	8842075-10V10	3/4	300-1000	120/208-280V	TBA	50/60	15
	8842100-10V18	1	300-1800	120/208-280V	11/6.4-5.2	50/60	15
	8842100-10V12	1	300-1200	120/208-280V	9.7/6.0-4.6	50/60	15

Please note: Specifications are subject to change without notice as the product is still in development stages.
See Controls section for speed controls for above motors.

DIMENSIONS

MODEL	A
8842025-RPM18/10V18	7 1/4"
8842033-RPM18/10V18	7 1/4"
8842050-RPM18/10V18	7 1/4"
8842050-RPM12/10V12	8"
8842075-RPM18/10V18	8"
8842075-RPM10/10V10	8"
8842100-RPM18/10V18	8"
8842100-RPM12/10V12	7 1/4"



CARBON MONOXIDE DETECTOR



CTS-M5160 CARBON MONOXIDE DETECTOR

CTS-M5160 is a microprocessor based transmitter that detects carbon monoxide and activates relays when the set concentration is met. The **CTS-M5160** can be set for rising or falling carbon monoxide levels.

- Attaches to a standard 2" x 4" electrical box
- Programmable delay (0 - 60 minutes in 5 minute increments)
- Input Power: 24V
- Sensor Type: Electromechanical
- Sensor Life: 2 - 3 years
- Relay: Two, SPDT, 1 amp dry contact

PRINCIPLES OF OPERATION

Electrochemical gas sensors are micro-fuel cells designed to be maintenance free and stable for long periods. Gas continuously enters the self-contained cell through a flow limiting diffusion barrier. The target gas reacts within the electrolyte creating a microamp current flow between the electrodes.
No fluid replenishment is required as these cells are not self-consuming. The cell electrodes degrade with time resulting in a typical working life of 2 to 3 years.
The CTS-M5 transmitter is powered by a nominal 24 V external power supply in a two-wire connection. It transmits a 4-20 mA, 2-10 V, or an RS-485 signal over the calibrated range of the sensor selected. The transmitter is factory configured and calibrated for the sensor selected when ordered as a complete assembly. This universal transmitter accepts any of the listed sensors into a plug-in socket on the board. Calibration is achieved through a simple zero and span adjustment using the appropriate calibration gas concentration for the sensor installed.

THERMOSTATS



KP16110
(Portable Model with plug)



KJ161100

K-KONTROL THERMOSTATS

Great for use on XF and UF10-G fans!

- Single KJ16110, portable single KP16110 and two KT16110 stage models.
- Reliable Johnson thermostats, low cost.
- Moisture proof box.
- Convenient flip open cover, stainless steel coil and portable hanger.
- Use anywhere portable model - simply plug control into outlet and then the device into the control.
- Two stage model for two stages of heating and/or cooling or two speed fans.
- Single and two stage models: 16 Amp rating at 120V; 8 Amp rating at 240V.
- Portable model: 16 Amp rating at 120V.
- Ideal for 120V fans & heaters.



TF115 - SUNNE THERMOSTATS

- Single stage thermostat for heating or cooling.
- NEMA 4 enclosure, stainless steel coil, multi-position mounting.
- Large, easy to read, 40˚ - 100˚ F dial
- 16 Amp rating at 120V; 12 Amp rating at 240V.



RANCO THERMOSTATS

- Single T1NEMA4D1 and two stage T2NEMA4D1 models.
- NEMA 4 enclosure, easy to read LCD display, lockout switch.
- Programmable differential (1 to 30º F).
- Wide operating range (-30º to 220º F), user selectable F/Cº.
- 8' temperature probe included (extendable to 400').
- Two stage model for two stages of heating and/or cooling or two speed fans.
- 10 Amp rating at 120V; 5 Amp rating at 240V.

TWO SPEED CONTROL



TS15 CONTROL

- Manual control for 2 speed fans.
- High/low/off SPDT switch.
- For dry locations.
- 15 Amp rating at 115V; 10 Amp rating at 230V

MANUAL VARIABLE SPEED CONTROLS



MC CONTROLS

Great for use on AX, SD, DFRC and AXC fans!

- Minimum speed adjustment screw.
- Designed to fit a standard 3" x 5" electrical box.
- Mount in a dry location.
- Now available in 230V/1/60HZ.
- Ideal for use on variable speed SD Standard Exhaust fans, AX, DFRC and AXC fans (not for use with single speed motors).

MODEL	POWER SUPPLY	AMPERAGE RATING
MC-3	120V/1/60HZ	2.5
MC-5		5.0
MC-10		10.0
MC-15		12.0
MC5-230	230V/1/60HZ	5.0



MSC-4 VARIABLE SPEED CONTROL

- One variable speed output (12.5 A at 120/230 VAC general purpose resistive, 9 FLA at 120/230 VAC PSC motor)
- Adjustable high/low settings.
- ON/OFF switch.
- May also be used as a light dimmer to power up to five, 250 Watt brooder lamps.
- 115 or 230V AC operation.
- Overload protection fuse (15 Amp 250V AC).
- Rugged enclosure (corrosion and water resistant and fire retardant).

AUTOMATIC VARIABLE SPEED CONTROL



MTC-4C MODULATING TEMPERATURE CONTROL

- The control will automatically vary the speed of the fan to hold the set temperature.
- One variable stage (10 A general-purpose (resistive) load at 120/230VAC, 7 FLA at 120/230VAC, PSC motor)
- Two control knobs, one for set temperature, one for adjusting the minimum speed.
- Continues to run at minimum speed or change the internal shunt to have the fan turn off at minimum speed setting.
- 2°F off set-back for auto shut off.
- 6°F temperature differential.
- One foot temperature probe.
- 115 or 230V AC operation.
- Adjustable 40 - 90˚F temperature set point.
- Overload protection fuse (15A, 250V AC).

VFD - B SERIES

Variable Speed AC Motor Drives



REQUIRES A VFD COMPATIBLE AC MOTOR

Variable Frequency Drives (VFD's) can cut energy use dramatically when needs are less than full motor capacity.

FEATURES

- Volt/Hertz, Sensorless vector & Closed loop vector control
- All VFD-B drives have/are:
  - Nema1 rated enclosures
  - Constant Torque rated
  - UL, cUL & CE approved
- Programmable (0 ~ 2000Hz) for high speed applications.
- The output current is adjustable up to 120% of the drive's nominal capacity.
- All "240/1/60" models also accept three phase input.
- Inputs: 11 digital (4 dedicated & 7 programmable) & 3 analog.
- Outputs: 4 digital, 1 analog and 1 digital frequency output.
- RS-485 communication port, standard protocol Modbus RTU & ASCII.
- B series drives have built-in dynamic braking transistors up to 15HP.
- 230 1 Phase (up to 3 HP); 240V 3 Phase (up to 50 HP); 480V 3 Phase (up to 100 HP); 575V 3 Phase (up to 100 HP). Please see accompanying price pages for more information.

VFD - LENZE SERIES

Variable Frequency Multi-Function Micro Drive



REQUIRES A VFD COMPATIBLE AC MOTOR

Flexible, simple, economical.

FEATURES

The SMVector is a highly competitive AC drive. Its performance, simplicity and flexibility make it an attractive solution for a broad range of applications including: Food processing machinery, Packaging machinery, Material handling/conveying systems and HVAC systems.

The SMVector is the right choice when you need it all – performance, power, packaging (NEMA Type 1 (IP31) Enclosure) and intuitive programming.

Superior Performance

- Modes of Operation:
  - V/Hz and Enhanced V/Hz(Constant and Variable)
  - Vector Speed or Torque Control
- Dynamic Torque Response
- Sophisticated Auto-tuning (Motor Calibration)
- Impressive Low Speed Operation
- Sequencer with 16 Programmable Segments

Flexible Power Ranges: 120/230V 1Ø (up to 1.5 Hp), 200/230V 1/3Ø (up to 3 Hp), 200/230V 3Ø (up to 20 Hp), 400/480 and 575V 3Ø (up to 60 Hp)

Simplicity - Intuitive User Interface - Electronic Memory Module (EPM)

DISCONNECT SWITCHES



KG1-2P1PH



8890-54522-W



8890-5426-I



EL1/3-25A



DS1/3-30A



8890-N13NC



8890-MS403

FEATURES

- Can be used as Manual Motor Control
- Lockout Capable

MODEL	DESCRIPTION	AMP	POLES	HP RATING			
				120V AC	240V AC	480V AC	600V AC
EL1/3-25A	Single or three phase moisture resistant - IP65	25	3	3	7.5	15	20
DS1/3-30A	Single or Three PH Disconnect NEMA 3R (30303D)	30	3	3	7.5	15	20
KG1-2P1PH	Single phase only! Non-reversing, toggle operation NEMA 1 (2510KG1)	30	2	2	2	--	--
8890-5426-I	15A Disconnect with Pilot Light	15	2	0.5	--	--	--
8890-54522-W	20A Disconnect Switch	20	2	1	2	--	--
8890-MS403	Disconnect Switch 40A	40	3	7.5	15	20	40
8890-N13NC	NEMA 1 Steel Disconnect Switch Enclosure with lockout	--	--	--	--	--	--

Controls / Operators



MULTI PRODUCTS



BELIMO ACTUATORS

MANUFACTURER	MODEL	DESCRIPTION	MAX. DAMPER SQ. FT.		VOLTAGE
			WITH SEALS	NO SEALS	
CHAIN OPERATOR	**CHAINOP**	MANUAL OPEN/MANUAL CLOSE	N.A.	N.A.	N.A.
LOCKING QUADRANT	**2V100**	MANUAL OPEN / MANUAL CLOSE	N.A.	N.A.	N.A.
MULTI PRODUCTS	**2W100-115/230**	POWER OPEN SPRING RETURN	3.0	6	115/230V AC
	2W104	POWER OPEN SPRING RETURN	3.0	6	24V AC
BELIMO	**LF24**	POWER OPEN SPRING RETURN	4.0	8	24V AC/DC
	LF24-S	POWER OPEN SPRING RETURN C/W AUX. SWITCH	4.0	8	24V AC/DC
	LF24-SR	MODULATING POWER OPEN SPRING CLOSE	4.0	8	24V AC/DC
	LF120	POWER OPEN SPRING RETURN	4.0	8	120V AC
	LF120-S	POWER OPEN SPRING RETURN C/W AUX. SWITCH	4.0	8	120V AC
	LF230	POWER OPEN SPRING RETURN	4.0	8	230V AC
	LF230-S	POWER OPEN SPRING RETURN C/W AUX. SWITCH	4.0	8	230V AC
	NFB24-SR	MODULATING POWER OPEN SPRING CLOSE	7.5	15	24V AC/DC
	NFBUP	POWER OPEN SPRING RETURN	7.5	15	24/120/230V AC/DC
	NFBUP-S	POWER OPEN SPRING RETURN C/W AUX. SWITCH	7.5	15	24/120/230V AC/DC
	AF24-SR	MODULATING POWER OPEN SPRING CLOSE	17.5	35	24V AC/DC
	AFBUP	POWER OPEN SPRING RETURN	17.5	35	24/120/230V AC/DC
	AFBUP-S	POWER OPEN SPRING RETURN C/W AUX. SWITCH	17.5	35	24/120/230V AC/DC

COMMERCIAL VENTILATION PRODUCTS

Introducing a new line of commercial ventilation products that are compact, low noise & high volume and are ideal for high rise and condominium building ventilation. Products include poly mixed flow fans, inline HRV/ERV's and dryer booster fans. For more information contact your Sales Representative to request a catalogue or visit our website at www.canarm.com

MODEL **FEATURES**

VKM-ANTIRADON SERIES INLINE CENTRIFUGAL METAL FAN



VKM-AntiRADON fans are specially designed with high pressure capabilities for radon mitigation applications.

- Voltage: 120V, 60Hz
- Motor: Single-phase external rotor motor with backward curved centrifugal impellers
- Duct compatibility: Ø 4", 5", 6", 8", 10", 12"
- Airflow capacity: up to 871 CFM
- Sones: 7.14 – 11.5
- Power consumption: 106 – 293 W
- Suitable for airstreams up to 122° F
- IP X4 protection
- Thermal overload protection
- Mounting bracket and power cord included
- Five year warranty

TURBO TUBE TT SERIES POWERFUL MIXED FLOW FANS



Ideal for bathrooms, kitchens, apartments, restaurants, pools, offices, manufacturing facilities and more!

- High air volume and static pressure applications
- Quiet & efficient, vibration free operation
- Durable and corrosion resistant casing
- Reliable external rotor motor design
- Permanently lubricated ball bearing motor for maintenance free operation
- Automatic reset thermal overload protection
- Pre-wired and supplied with mounting bracket for easy installation
- Rated for continuous operation
- Strong construction for long life
- Five year warranty

TURBO TUBE PRO SERIES SUPER HIGH POWERED INLINE FANS



Ideal for Kitchens, Pools, Stores, Bars, Restaurants, Offices, Manufacturing Facilities, and more!

- High Performance: up to 378 CFM
- Energy Efficient: 38 – 81 w
- Duct Compatibility: ø4", 5", 6"
- High Pressure
- Built-in 2-speed switch & power cord include
- Rotary and removable central "body" for easy installation & maintenance
- Double-speed capacitor motor with thermal overload protection
- Long-life ball bearing (up to 40 000 hours)
- Vibration free operation
- Compact size for limited spaces
- Lightweight, durable and uv resistant plastic case (flame rating – 5va)
- Corrosion free
- 5 year warranty

TURBO TUBE SILENT SERIES QUIET & ENERGY EFFICIENT INLINE MIXED FLOW FANS



Ideal for bathrooms, kitchens, apartments, offices, libraries, education facilities, galleries and more!

- Quiet Operation: 0.6 – 2.5 Sones
- High Performance - up to 327 CFM
- Energy Efficient - 22 – 64 W
- Duct Compatibility: 4", 5", 6"
- Compatible with high pressure system
- Double Speed capacitor motor with thermal overload protection
- Long-life ball bearing (up to 40,000 hours)
- Built-in 2-speed control switch & power cord
- Rotary and removable central body for easy installation & maintenance
- Compact size for limited spaces
- Lightweight, durable and UV resistant plastic case (Flame rating - 5VA)
- Vibration free operation
- Corrosion free
- 5 year warranty

TURBO TUBE SILENT M SERIES QUIET & ENERGY EFFICIENT FANS IN METAL NOISE ABSORBING CASE



Ideal for bathrooms, kitchens, apartments, offices, libraries, education facilities, galleries and more!

- Silent Operation: 0.3 – 4.0 Sones
- High Performance - up to 1050 CFM
- Energy Efficient - 22 – 353 W
- Duct Compatibility: 4", 5", 6", 8", 10", 12 3/8"
- Compatible with high pressure system
- Double Speed capacitor motor with thermal overload protection
- Long-life ball bearing (up to 40,000 hours)
- Built-in speed control switch & power cord
- Durable metal noise absorbing case
- Rotary and removable central body for easy installation & maintenance
- Compact size for limited spaces
- Vibration free operation
- 5 year warranty

VKP SERIES INLINE CENTRIFUGAL FANS - BACK CURVED IMPELLER

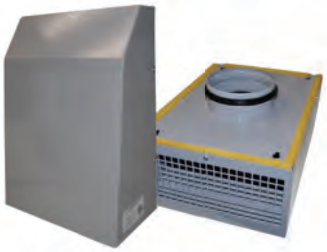


Designed for extract and input ventilation. Ideal for apartments & condos.

- Excellent aerodynamics and low noise
- External rotor motor on ball bearings and the backward curved, balanced impeller is suitable for high pressure application, prevent vibration and ensure quite operation
- Fan housing is made of galvanized steel
- VKP 125/125*2 and VKP 150/150*2 models are available with two inlets
- Suitable for low ceilings and tight spaces
- Hinges provide quick and fast access to the motor for easy cleaning and maintenance
- Vertical or horizontal installation
- 5 year warranty

MODEL **FEATURES**

VCN SERIES OUTDOOR WALL MOUNTED CENTRIFUGAL FANS



For high static pressure applications. Ideal for bathroom exhaust, kitchen ventilation, living areas, whole house ventilation, workshops & smoking areas, offices, bars & restaurants, warehouses, and more.

- High airflow and static pressure applications
- Quiet & efficient, vibration free operation
- Durable and corrosion resistant casing
- Durable, external rotor motor design
- Permanently lubricated ball bearing motors for maintenance-free operation
- Automatic reset thermal overload protection
- Casing can be easily removed for cleaning
- Rated for continuous operation
- Optimized efficiency, low maintenance costs
- Five year warranty

TWINFRESH COMFO RA1-50-2 SINGLE ROOM TOTAL RECOVERY VENTILATOR



The Single Room Total Recovery ventilator TwinFresh is an easy and effective solution for rooms and smaller areas.The most innovative ventilation for buildings under construction and renovation.

- Fresh air supply
- Heating cost savings during winter
- Reduced cooling costs during summer
- Indoor humidity control
- One TwinFresh COMFO can ventilate up to 343 sq ft
- Units can operate independently or can be wired for master-slave operation
- Air filtration
- Anti-bacterial air treatment
- Polluted air extract
- 5 Year Warranty

VENTO EXPERT A50-1 PRO & A50 PRO S SINGLE ROOM HEAT & ENERGY RECOVERY UNITS



- Arrangement of balanced energy saving, supply and exhaust, single-room ventilation in kitchen, bathroom and utility room.
- Reduces heat loss by mixing outside and inside air.
- Wi-Fi communication between several single-room ventilation units for coordinated operation. Controlled by Android or IOS smartphone or tablet.

HRV MICRA 60 SINGLE ROOM HEAT RECOVERY VENTILATOR



Micra 60 is a single room heat recovery ventilator suitable for large rooms, such as apartments or small commercial places. No need to connect to air ducts.

- Excellent aerodynamics and low noise
- External rotor motor on ball bearings and the backward curved, balanced impeller is suitable for high pressure application, prevent vibration and ensure quite operation
- Fan housing is made of galvanized steel
- VKP 125/125*2 and VKP 150/150*2 models are available with two inlets
- Suitable for low ceilings and tight spaces
- Hinges provide quick and fast access to the motor for easy cleaning and maintenance
- Vertical or horizontal installation
- 5 year warranty

HRV MICRA 150 SINGLE ROOM HEAT RECOVERY VENTILATOR



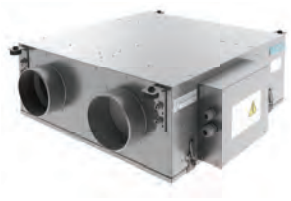
MICRA 150 is a single-room heat recovery unit. It is designed to provide the ideal single room ventilation of social and commercial premises, flats and cottages.

- Efficient supply and exhaust ventilation of separate premises (rooms)
- Polystyrene plate counter-flow core with sensible recovery efficiency 85-88%
- EC fans with low energy demand (8 to 51 W)
- Integrated automation with 3 operation modes (up to 71 CFM)
- For rooms up to 900 sq ft
- Silent operation (1-1.8 Sones)
- Air cleaning with two built-in filters
- Easy mounting
- Compact sizes
- 5 Year Warranty

For more information visit canarm.com.

MODEL FEATURES

FRIGATE HRV 60S/120S & ERV 60S/120 HEAT RECOVERY VENTILATOR, ENERGY RECOVERY VENTILATOR



Both Heat and Energy Recovery Ventilators are the complete whole house ventilation system designed to bring a continuous supply of fresh air into the house while exhausting an equal amount of stale air.

- Effective energy-saving solution
- Multizonal efficient recovery ventilation
- Cross flow core with SRE greater than 62%
- Heat recovery (HRV) or Energy Recovery (ERV)
- Low profile
- Silent operation
- Replaceable filters
- Ceiling installation
- Simple installation and maintenance
- 5 Year Warranty

BRIG HRV 120/170 & 200/300 HEAT RECOVERY VENTILATOR



A Heat Recovery Ventilator is a complete whole house ventilation system designed to bring a continuous supply of fresh air into the house while exhausting an equal amount of stale air.

- Efficient centralized heat recovery ventilation
- Cross flow core with SRE up to 85%
- Silent operation
- Replaceable filters
- Simple installation and maintenance
- Compatible with 6” and 8” air ducts
- Electronic defrost protection
- 5 year warranty

BUCKET FANS



Designed for extract and input ventilation. Ideal for apartments & condos.

- For use in commercial, educational, government, or industrial settings with 15’ to 30’ plus ceilings
- Fan casing is made of steel with polymeric coating, while impeller is made of aluminum.
- Asynchronous motor on ball bearings
- Thermally protected
- Speed controllable
- Easy to install
- Quiet operation
- Two year warranty

OV1 SERIES AXIAL FANS



Specifically designed for direct air exhaust through the wall, the VENTS OV1 series fans are perfect ventilation solutions for parking garages, agricultural facilities and stores.

- Voltage: 120 V, 60 Hz
- Motor: Single-phase asynchronous motor
- Duct compatibility: Ø 8 3/16”, 10 5/16”, 12 5/16”
- Airflow capacity: up to 766 CFM
- Sones: 2.5 – 5.1
- Power consumption: 43 – 109 W
- Suitable for working airstreams up to 32-104 °F
- IPX4 protection
- Thermal overload protection
- Five year warranty

LD / MA SERIES AXIAL FANS



LD MA

LD Series fans are the perfect ventilation solution for modern kitchens, and bathrooms.
MA Series fans with automatic shutters are designed for through the wall or wall mount applications.

- Sizes available from 4”, 5”, 6”
- Speed controllable (LD Series)
- Automatic shutters (MA Series)
- Quiet and powerful
- Vibration free operation
- Easy installation
- Corrosion resistant
- UV resistant, UL94 certified plastic
- ETL listed

VKOM SERIES AXIAL FANS



Specially designed for mounting inside ventilation shaft, VKOM fans are the perfect air movers.

- Voltage: 120 V, 60 Hz
- Motor: Single-phase asynchronous motor
- Duct compatibility: Ø 6”, 8”
- Airflow capacity: up to 262 CFM
- Sones: 1.6 – 5.1
- Power consumption: 28 – 109 W
- Suitable for working airstreams up to 32-104 °F
- IPX4 protection
- Thermal overload protection
- Five year warranty

For more information visit canarm.com.

Ceiling Fans



Chandeliers / Pendants



LED Disk Lights



Vanity Lights



Canarm has a long and successful history supplying lighting and ceiling fans, to the Specialist Lighting, Hardware, Home Improvement and Commercial market sectors. We have worked diligently in creating a comprehensive selection of styles and designs as well as maintaining high standards of quality and value.

For more information on

CANARM LIGHTING & CEILING FANS

Contact your Sales Representative to request a catalogue or visit our website at www.canarm.com

Fluorescents



Flush / Semi-Flush Mounts



Bulbs



Outdoor Lights



Portables



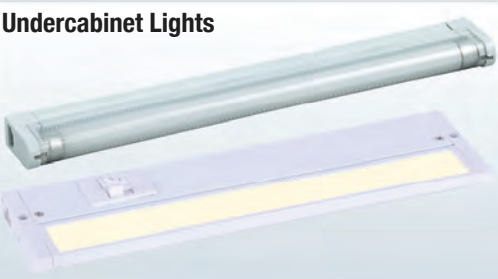
High Bay Lights



Wall Lights



Undercabinet Lights



Recessed Lights



LED Tape Strips



Track Lighting



CANARM® HVAC

COMMERCIAL PRODUCT CATALOGUE

Book 2 of 2 2021

Wall Exhaust Fans | **Air Circulation & Mancoolers** | **Air Curtains**













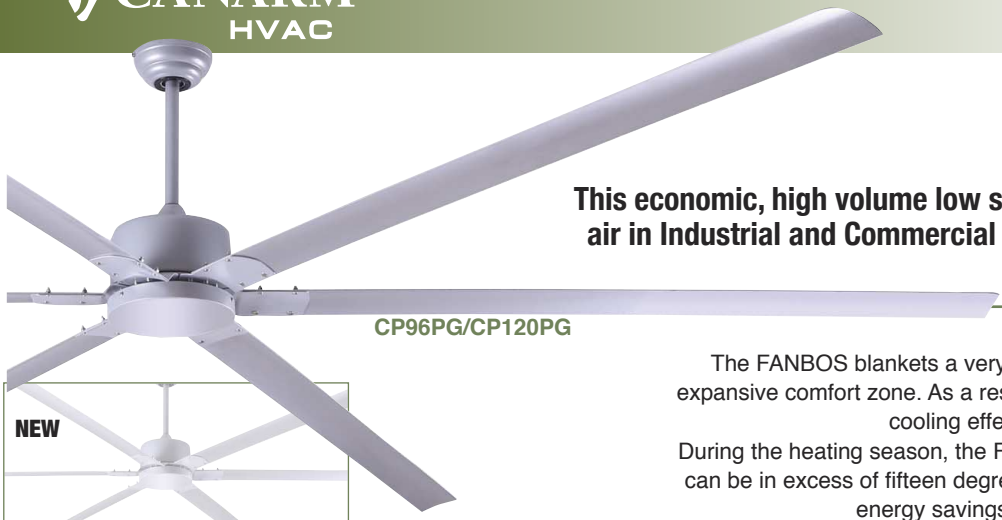
CANARM.... PROVIDING CUSTOMERS WITH VALUE, KNOWLEDGE AND QUALITY PRODUCTS

WWW.CANARM.COM

CANADA BEST MANAGED COMPANIES Platinum member

FANBOS

This economic, high volume low speed fan design is ideal for circulating air in Industrial and Commercial applications and can help save energy year round.



CP96PG/CP120PG

The FANBOS blankets a very large area by constantly moving air to create an expansive comfort zone. As a result, the big ceiling fan can create an evaporative cooling effect of three to four degrees throughout the facility. During the heating season, the FANBOS can destratify uneven temperatures that can be in excess of fifteen degrees from ceiling to floor. This results in significant energy savings since the heating system cycles less frequently.

CP96WH/CP120WH



CP96-LEDBK
Complete with light kit



CP96BK/CP120BK

OPTIONAL 1000 LUMENS LIGHT KITS



LK-CPPG - Grey



LK-CPWH - White



LK-CPBK - Matte Black

FEATURES

- Six aluminum airfoils contoured for maximum air movement
- DC motor for quiet performance and low operating cost
- 5 speed forward and reverse with remote control (wall mountable)
- Control multiple fans with one remote within 50’
- 1/4” powder-coated steel and anodized aluminum chassis resists rusting and corrosion even in cold and damp environments
- Standard with a 1” diameter 12” downrod mount. Optional 24” and 36” long downrods are available to purchase
- Easy installation with standard ball hanger design
- 48” lead wires
- 120 volt
- Damp rated
- Available in grey, white and matte black finishes
- CP96-LEDBK comes complete with light kit
- 5 year warranty

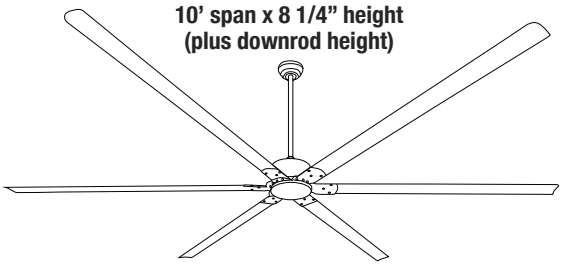


PERFORMANCE SPECIFICATIONS

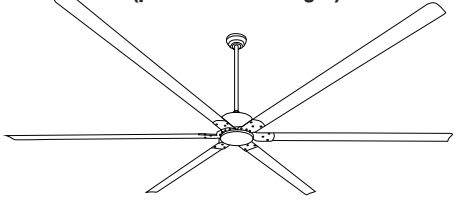
CP120						
SPEED	**RPM**	**CFM**	**CFM/W**	**WATTS**	**AMPS**	**EFFICIENCY**
HIGH SPEED	69	20693	335	61.8	0.9	565 CFM/W
LOW SPEED	32	11087	1827	6.1	0.1	
CP96						
HIGH SPEED	105	16729	281	61.6	0.9	487 CFM/W
LOW SPEED	49	10292	1711	6.0	0.1	

DIMENSIONS

CP120
10’ span x 8 1/4” height
(plus downrod height)



CP96
8’ span x 8 1/4” height
(plus downrod height)





COMPLETE WITH
5 SPEED CONTROL



NEW

TRI-LITE COMMERCIAL EC

Economic, direct drive, high volume low speed fan ideal for industrial & commercial settings.

Operating on a 1.35 HP EC motor, minimal power consumption is combined with impressive air volumes to create the highly efficient Tri-Lite Commercial EC HVLS Fan.

Tri-Lite HVLS fans blanket a very large area by constantly moving air to create an expansive comfort zone. As a result, the big ceiling fan can create an evaporative cooling effect of three to four degrees throughout the facility.

During the heating season, the Tri-Lite HVLS fan technology can destratify uneven temperatures that can be in excess of fifteen degrees from ceiling to floor. This results in significant energy savings since the heating system cycles less frequently.

FEATURES

- Equipped with three extruded anodized, high performance E420 design aluminum airfoils. Contoured for maximum air movement so environments become cooler faster.
- Three wingtip fences constructed of nylon 66 redirect outward airflow into downward airflow to improve and direct airflow downwards.
- 1/4” powder-coated steel and anodized aluminum chassis resists rusting and corrosion even in cold and damp environments.
- Direct drive system allows this fan to operate incredibly quiet. Totally enclosed direct drive, IP65 rated ECM motor. Onboard VFD is factory assembled and programmed for minimum start/stop torque loads.
- Quiet Performance & Minimal Maintenance.
- Conforms to CSA Standard 22.2# 133 and UL507.



PERFORMANCE SPECIFICATIONS

MODEL	DIAMETER (ft)	VOLTAGE (VAC)	MAX RPM	MOTOR FLA	PHASE	HP (KW)	AREA COVERED (sqft)	MAX EFFECTIVE DIAMETER (ft)	WEIGHT*** (lbs)
3L06MPEC-V*-P**	6	120-460V (50/60hz)	204	5.2	1	1.35 (1.0)	2826	60	96
3L08MPEC-V*-P**	8	120-460V (50/60hz)	156	5.2	1	1.35 (1.0)	5024	80	100
3L10MPEC-V*-P**	10	120-460V (50/60hz)	105	5.2	1	1.35 (1.0)	7850	100	115

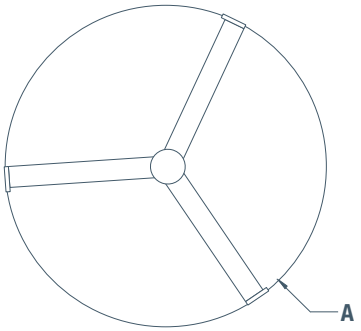
***Replace V with Input Voltage 115, 230 or 460. IE: 3L10MPEC-230-3.**
**** Replace P with 1 (Single Phase) or 3 (Three Phase)**
*****Based on standard 1' extension bar**

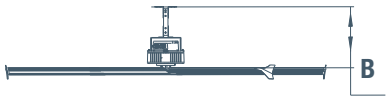
Note: Required controller sold separately. See HVLS controllers page

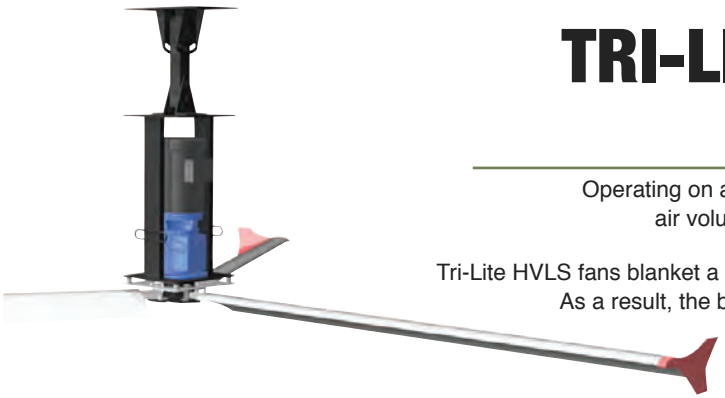
DIMENSIONS

MODEL	A	B***
3L06MPEC-V*-P**	6'	22.25"
3L08MPEC-V*-P**	8'	22.25"
3L10MPEC-V*-P**	10'	22.25"

*** Replace V with Input Voltage 115, 230 or 460. IE: 3L10MPEC-230-3.**
**** Replace P with 1 (Single Phase) or 3 (Three Phase)**
*****Based on standard 1' extension bar**







TRI-LITE ECONOMIC HVLS FANS

This economic, geared drive, high volume low speed fan design is ideal for industrial & commercial settings.

Operating on a 1.0 HP gear motor, minimal power consumption is combined with impressive air volumes to create the highly efficient Tri-Lite 3L economic geared drive HVLS fan.

Tri-Lite HVLS fans blanket a very large area by constantly moving air to create an expansive comfort zone. As a result, the big ceiling fan can create an evaporative cooling effect of three to four degrees throughout the facility.

During the heating season, the Tri-Lite HVLS fan technology can destratify uneven temperatures that can be in excess of fifteen degrees from ceiling to floor. This results in significant energy savings since the heating system cycles less frequently

FEATURES

Conforms to CSA Standard 22.2# 133 and UL507

- Equipped with three high performance STOL design airfoils constructed of precision 6005-T5 extruded anodized aluminium alloy. Contoured for maximum air movement.
- Three wingtip fences constructed of nylon 66 redirect outward airflow into downward airflow to improve and direct airflow downwards.
- 1/4” powder-coated steel and anodized aluminum chassis resists rusting and corrosion even in cold and damp environments.
- Totally enclosed, fan cooled (TEFC) IP55 motor with precision finished gearbox for low noise and long service life. Sealed with lifetime synthetic oil. Robust 3-inch output shaft for strength with nylon bushing on input.
- Quiet Performance & Minimal Maintenance



PERFORMANCE SPECIFICATIONS

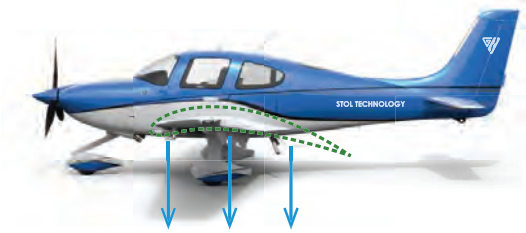
MODEL NUMBER	DIAMETER	NOMINAL MOTOR	VOLTS	MAX RPM	FLA	AREA OF INFLUENCE	NOISE LEVEL	WEIGHT***
3L10-V*-P**	10 Ft.	0.75 kW (1.0 HP) - 48/62hz	99-660	124	1.69-3.38	100 Ft.	45 dBA	217 lbs.
3L12-V*-P**	12 Ft.	0.75 kW (1.0 HP) - 48/62hz	99-660	105	1.69-3.38	120 Ft.	45 dBA	223 lbs.
3L14-V*-P**	14 Ft.	0.75 kW (1.0 HP) - 48/62hz	99-660	86	1.69-3.38	140 Ft.	45 dBA	229 lbs.
3L16-V*-P**	16 Ft.	0.75 kW (1.0 HP) - 48/62hz	99-660	73	1.69-3.38	160 Ft.	45 dBA	235 lbs.
3L18-V*-P**	18 Ft.	0.75 kW (1.0 HP) - 48/62hz	99-660	49	1.69-3.38	180 Ft.	45 dBA	241 lbs.
3L20-V*-P**	20 Ft.	0.75 kW (1.0 HP) - 48/62hz	99-660	49	1.69-3.38	200 Ft.	45 dBA	247 lbs.
3L24-V*-P**	24 Ft.	0.75 kW (1.0 HP) - 48/62hz	99-660	42	1.69-3.38	240 Ft.	45 dBA	260 lbs.

***Replace V with Input Voltage 115, 230 or 460. IE: 3L24-230-3.**
**** Replace P with 1 (Single Phase) or 3 (Three Phase)**
*****Based on standard 1' extension bar**

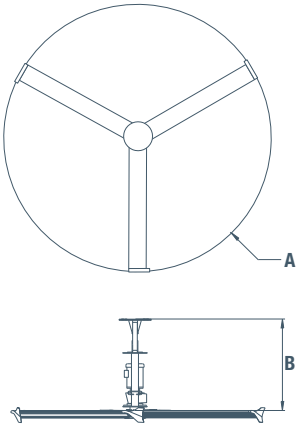
Note: Required controller sold separately. See HVLS controllers page

THE S.T.O.L. ADVANTAGE

Tri-Lite airfoils are engineered with S.T.O.L. (Short Take Off & Landing) Technology to obtain the greatest amount of lift at slower speeds. The more lift the airfoil can generate, the greater amount of air which can be displaced towards the floor.
Due to an increase of lift created by the airfoil, Tri-Lite fans can operate at lower speeds with less power consumption and produce a higher distribution of airflow than other styles of airfoils.

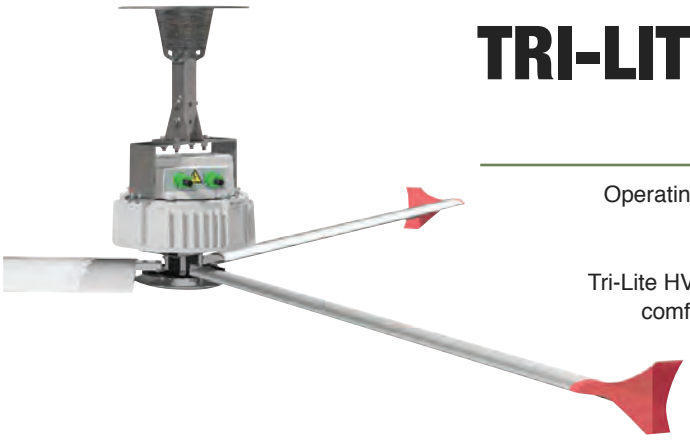


DIMENSIONS



MODEL NUMBER	A	B***
3L10-V*-P**	10’	44”
3L12-V*-P**	12’	44”
3L14-V*-P**	14’	44”
3L16-V*-P**	16’	46”
3L18-V*-P**	18’	49”
3L20-V*-P**	20’	51”
3L24-V*-P**	24’	55”

***Replace V with Input Voltage 115, 230 or 460. IE: 3L08EC-230-3.**
**** Replace P with 1 (Single Phase) or 3 (Three Phase)**
*****Based on standard 1' extension bar**



TRI-LITE DIRECT DRIVE HVLS FANS

This economic, direct drive, high volume low speed fan design is ideal for industrial & commercial settings.

Operating on a 1.3 HP EC motor, minimal power consumption is combined with impressive air volumes to create the highly efficient Tri-Lite 3L Direct Drive HVLS Fan.

Tri-Lite HVLS fans blanket a very large area by constantly moving air to create an expansive comfort zone. As a result, the big ceiling fan can create an evaporative cooling effect of three to four degrees throughout the facility.

During the heating season, the Tri-Lite HVLS fan technology can destratify uneven temperatures that can be in excess of fifteen degrees from ceiling to floor. This results in significant energy savings since the heating system cycles less frequently.

FEATURES

Conforms to CSA Standard 22.2# 133 and UL507

- Equipped with three extruded anodized, high performance E420 design aluminum airfoils. Contoured for maximum air movement, so environments become cooler faster.
- Three wingtip fences constructed of nylon 66 redirect outward airflow into downward airflow to improve and direct airflow downwards.
- 1/4" powder-coated steel and anodized aluminum chassis resists rusting and corrosion even in cold and damp environments.
- Direct drive system allows this fan to operate incredibly quiet. Totally enclosed direct drive, IP65 rated ECM motor. Onboard VFD is factory assembled and programmed for minimum start/stop torque loads.
- Quiet Performance & Minimal Maintenance



PERFORMANCE SPECIFICATIONS

MODEL NUMBER	DIAMETER	NOMINAL MOTOR	VOLTS	MAX RPM	FLA	AREA OF INFLUENCE	NOISE LEVEL	WEIGHT***
3L10EC-V*-P	10 Ft	1 kW (1.35 HP) - 50/60hz	198-480	111	5.2	100 Ft.	35 dBA	240 lbs.
3L12EC-V*-P	12 Ft	1 kW (1.35 HP) - 50/60hz	198-480	100	5.2	120 Ft.	35 dBA	245 lbs.
3L14EC-V*-P	14 Ft	1 kW (1.35 HP) - 50/60hz	198-480	86	5.2	140 Ft.	35 dBA	250 lbs.
3L16EC-V*-P	16 Ft	1 kW (1.35 HP) - 50/60hz	198-480	73	5.2	160 Ft.	35 dBA	255 lbs.
3L18EC-V*-P	18 Ft	1 kW (1.35 HP) - 50/60hz	198-480	55	5.2	180 Ft.	35 dBA	260 lbs.
3L20EC-V*-P	20 Ft	1 kW (1.35 HP) - 50/60hz	198-480	50	5.2	200 Ft.	35 dBA	265 lbs.
3L24EC-V*-P	24 Ft	1 kW (1.35 HP) - 50/60hz	198-480	43	5.2	240 Ft.	35 dBA	270 lbs.

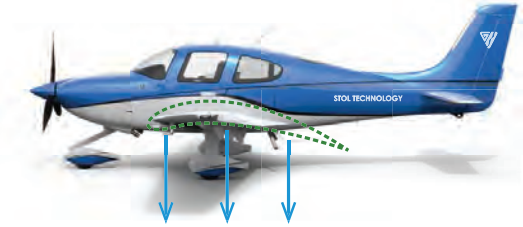
***Replace V with Input Voltage 115, 230 or 460. IE:3L10EC-230-3.**
**** Replace P with 1 (Single Phase) or 3 (Three Phase)**
*****Based on standard 1' extension bar**

Please note: Direct drive models are not 208 Volt capable.

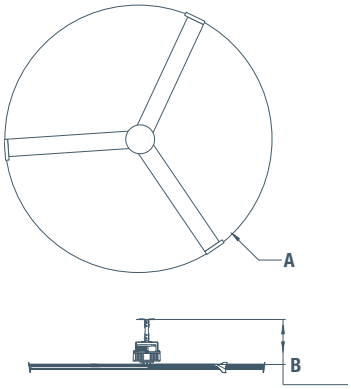
Note: Required controller sold separately. See HVLS controllers page

THE S.T.O.L. ADVANTAGE

Tri-Lite airfoils are engineered with S.T.O.L. (Short Take Off & Landing) Technology to obtain the greatest amount of lift at slower speeds. The more lift the airfoil can generate, the greater amount of air which can be displaced towards the floor.
Due to an increase of lift created by the airfoil, Tri-Lite fans can operate at lower speeds with less power consumption and produce a higher distribution of airflow than other styles of airfoils.



DIMENSIONS



MODEL NUMBER	A	B***
3L08EC-V*-3	8'	38"
3L10EC-V*-3	10'	38"
3L12EC-V*-3	12'	38"
3L14EC-V*-3	14'	38"
3L16EC-V*-3	16'	40"
3L18EC-V*-3	18'	43"
3L20EC-V*-3	20'	45"
3L24EC-V*-3	24'	49"

*** Replace V with Input Voltage 115, 230 or 460. IE: 3L08EC-230-3.**
**** Replace P with 1 (Single Phase) or 3 (Three Phase)**
*****Based on standard 1' extension bar**



NEW

PENTA-LITE COMMERCIAL EC

Economic, direct drive, high volume low speed fan ideal for industrial & commercial settings.

Operating on a 1.35 HP EC motor, minimal power consumption is combined with impressive air volumes to create the highly efficient Penta-Lite Commercial EC HVLS Fan.

Penta-Lite HVLS fans blanket a very large area by constantly moving air to create an expansive comfort zone. As a result, the big ceiling fan can create an evaporative cooling effect of three to four degrees throughout the facility.

During the heating season, the Penta-Lite HVLS fan technology can destratify uneven temperatures that can be in excess of fifteen degrees from ceiling to floor. This results in significant energy savings since the heating system cycles less frequently.

FEATURES

- Equipped with five extruded anodized, high performance E420 design aluminum airfoils. Contoured for maximum air movement so environments become cooler faster.
- Five wingtip fences constructed of nylon 66 redirect outward airflow into downward airflow to improve and direct airflow downwards.
- 1/4” powder-coated steel and anodized aluminum chassis resists rusting and corrosion even in cold and damp environments.
- Direct drive system allows this fan to operate incredibly quiet. Totally enclosed direct drive, IP65 rated ECM motor. Onboard VFD is factory assembled and programmed for minimum start/stop torque loads.
- Quiet Performance & Minimal Maintenance.
- Conforms to CSA Standard 22.2# 133 and UL507.



PERFORMANCE SPECIFICATIONS

MODEL	DIAMETER (ft)	VOLTAGE (VAC)	MAX RPM	MOTOR FLA	PHASE	HP (KW)	AREA COVERED (sqft)	MAX EFFECTIVE DIAMETER (ft)	WEIGHT*** (lbs)
5L06EC-V*-P**	6	120-460 V (50/60hz)	170	5.2	1-3	1.35 (1.0)	2,826	60	101
5L08EC-V*-P**	8	120-460 V (50/60hz)	130	5.2	1-3	1.35 (1.0)	5,024	80	105
5L10EC-V*-P**	10	120-460 V (50/60hz)	85	5.2	1-3	1.35 (1.0)	7,850	100	110
5L12EC-V*-P**	12	120-460 V (50/60hz)	80	5.2	1-3	1.35 (1.0)	11,304	120	114
5L14EC-V*-P**	14	120-460 V (50/60hz)	60	5.2	1-3	1.35 (1.0)	15,386	140	118
5L16EC-V*-P**	16	120-460 V (50/60hz)	45	5.2	1-3	1.35 (1.0)	20,096	160	122

***Replace V with Input Voltage 115, 230 or 460. IE: 5L14EC-230-3.**
**** Replace P with 1 (Single Phase) or 3 (Three Phase)**
*****Based on standard 6-1/2" extension bar**

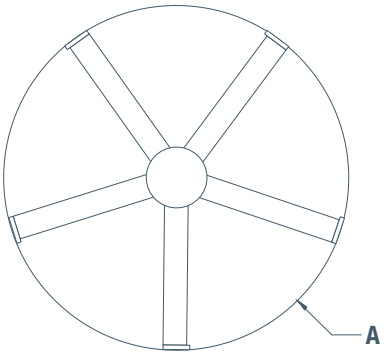
Please note: Direct drive models are not 208 Volt capable.

Note: Required controller sold separately. See HVLS controllers page

DIMENSIONS

MODEL	A	B***
5L06EC-V*-P**	6'	22.25"
5L08EC-V*-P**	8'	22.25"
5L10EC-V*-P**	10'	22.25"
5L12EC-V*-P**	12'	22.25"
5L14EC-V*-P**	24'	22.25"

***Replace V with Input Voltage 115, 230 or 460.**
IE: 5L14EC-230-3.
****Replace P with 1 (Single Phase) or 3 (Three Phase)**
*****Based on standard 6-1/2" extension bar**







NEW

PENTA-LITE COMMERCIAL EC

Economic, direct drive, high volume low speed fan ideal for industrial & commercial settings.

Operating on a 1.35 HP EC motor, minimal power consumption is combined with impressive air volumes to create the highly efficient Penta-Lite Commercial EC HVLS Fan.

Penta-Lite HVLS fans blanket a very large area by constantly moving air to create an expansive comfort zone. As a result, the big ceiling fan can create an evaporative cooling effect of three to four degrees throughout the facility.

During the heating season, the Penta-Lite HVLS fan technology can destratify uneven temperatures that can be in excess of fifteen degrees from ceiling to floor. This results in significant energy savings since the heating system cycles less frequently.

FEATURES

- Equipped with five extruded anodized, high performance E420 design aluminum airfoils. Contoured for maximum air movement so environments become cooler faster.
- Five wingtip fences constructed of nylon 66 redirect outward airflow into downward airflow to improve and direct airflow downwards.
- 1/4” powder-coated steel and anodized aluminum chassis resists rusting and corrosion even in cold and damp environments.
- Direct drive system allows this fan to operate incredibly quiet. Totally enclosed direct drive, IP65 rated ECM motor. Onboard VFD is factory assembled and programmed for minimum start/stop torque loads.
- Quiet Performance & Minimal Maintenance.
- Conforms to CSA Standard 22.2# 133 and UL507.



PERFORMANCE SPECIFICATIONS

MODEL	DIAMETER (ft)	VOLTAGE (VAC)	MAX RPM	MOTOR FLA	PHASE	HP (KW)	AREA COVERED (sqft)	MAX EFFECTIVE DIAMETER (ft)	WEIGHT*** (lbs)
5L06EC-V*-P**	6	120-460 V (50/60hz)	170	5.2	1-3	1.35 (1.0)	2,826	60	101
5L08EC-V*-P**	8	120-460 V (50/60hz)	130	5.2	1-3	1.35 (1.0)	5,024	80	105
5L10EC-V*-P**	10	120-460 V (50/60hz)	85	5.2	1-3	1.35 (1.0)	7,850	100	110
5L12EC-V*-P**	12	120-460 V (50/60hz)	80	5.2	1-3	1.35 (1.0)	11,304	120	114
5L14EC-V*-P**	14	120-460 V (50/60hz)	60	5.2	1-3	1.35 (1.0)	15,386	140	118
5L16EC-V*-P**	16	120-460 V (50/60hz)	45	5.2	1-3	1.35 (1.0)	20,096	160	122

***Replace V with Input Voltage 115, 230 or 460. IE: 5L14EC-230-3.**
**** Replace P with 1 (Single Phase) or 3 (Three Phase)**
*****Based on standard 6-1/2" extension bar**

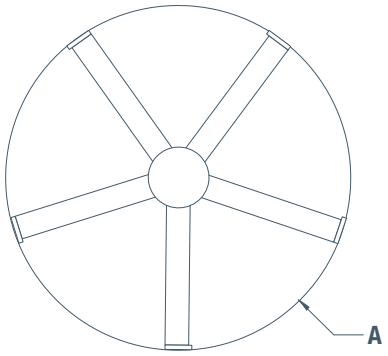
Please note: Direct drive models are not 208 Volt capable.

Note: Required controller sold separately. See HVLS controllers page

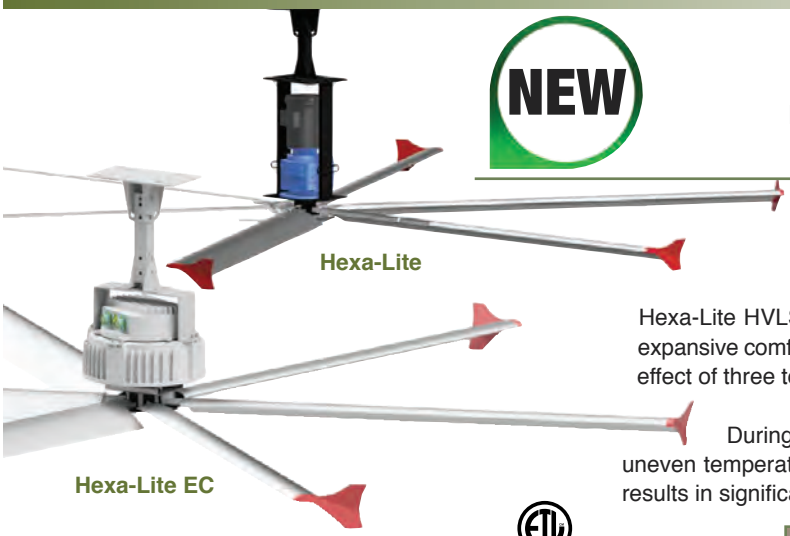
DIMENSIONS

MODEL	A	B***
5L06EC-V*-P**	6'	22.25"
5L08EC-V*-P**	8'	22.25"
5L10EC-V*-P**	10'	22.25"
5L12EC-V*-P**	12'	22.25"
5L14EC-V*-P**	24'	22.25"

***Replace V with Input Voltage 115, 230 or 460.**
IE: 5L14EC-230-3.
****Replace P with 1 (Single Phase) or 3 (Three Phase)**
*****Based on standard 6-1/2" extension bar**







NEW

HEXA-LITE HVLS FANS

Economic geared drive and direct drive high volume low speed fans ideal for industrial & commercial settings.

Operating on a 1.35 HP EC motor or a 1.0 HP gear motor, minimal power consumption is combined with impressive air volumes to create the highly efficient Hexa-Lite and Hexa-Lite EC HVLS Fans.

Hexa-Lite HVLS fans blanket a very large area by constantly moving air to create an expansive comfort zone. As a result, the big ceiling fan can create an evaporative cooling effect of three to four degrees throughout the facility.

During the heating season, the Hexa-Lite HVLS fan technology can destratify uneven temperatures that can be in excess of fifteen degrees from ceiling to floor. This results in significant energy savings since the heating system cycles less frequently.

Intertek

FEATURES

- Equipped with six extruded anodized, high performance E420 design aluminum airfoils. Contoured for maximum air movement so environments become cooler faster.
- Six wingtip fences constructed of nylon 66 redirect outward airflow into downward airflow to improve and direct airflow downwards.
- 1/4" powder-coated steel and anodized aluminum chassis resists rusting and corrosion even in cold and damp environments.
- Quiet Performance & Minimal Maintenance.
- Conforms to CSA Standard 22.2# 133 and UL507.



MOTORS

- Direct drive system allows this fan to operate incredibly quiet. Totally enclosed direct drive, IP65 rated ECM motor. Onboard VFD is factory assembled and programmed for minimum start/stop torque loads.
- Totally enclosed, fan cooled (TEFC) IP55 motor with precision finished gearbox for low noise and long service life. Sealed with lifetime synthetic oil.

PERFORMANCE SPECIFICATIONS

MODEL	DIAMETER (ft)	VOLTAGE (VAC)	MAX RPM	MOTOR FLA	PHASE	HP (KW)	AREA COVERED (sqft)	MAX EFFECTIVE DIAMETER (ft)	WEIGHT*** (lbs)
6L10EC-V*-P**	10	198-460 (50/60hz)	97	5.2	1-3	1.35 (1.0)	7,850	100	295
6L12EC-V*-P**	12	198-460 (50/60hz)	88	5.2	1-3	1.35 (1.0)	11,304	120	305
6L14EC-V*-P**	14	198-460 (50/60hz)	75	5.2	1-3	1.35 (1.0)	15,386	140	315
6L16EC-V*-P**	16	198-460 (50/60hz)	64	5.2	1-3	1.35 (1.0)	20,096	160	325
6L18EC-V*-P**	18	198-460 (50/60hz)	55	5.2	1-3	1.35 (1.0)	25,434	180	335
6L20EC-V*-P**	20	198-460 (50/60hz)	50	5.2	1-3	1.35 (1.0)	31,400	200	345
6L24EC-V*-P**	24	198-460 (50/60hz)	33	5.2	1-3	1.35 (1.0)	45,216	240	355
6L10-V*-P**	10	99-660 (48/62hz)	85	2.3 - 5.2	1-3	1.0 (0.75)	7,850	100	274
6L12-V*-P**	12	99-660 (48/62hz)	85	2.3 - 5.2	1-3	1.0 (0.75)	11,304	120	286
6L14-V*-P**	14	99-660 (48/62hz)	75	2.3 - 5.2	1-3	1.0 (0.75)	15,386	140	298
6L16-V*-P**	16	99-660 (48/62hz)	64	2.3 - 5.2	1-3	1.0 (0.75)	20,096	160	310
6L18-V*-P**	18	99-660 (48/62hz)	55	2.3 - 5.2	1-3	1.0 (0.75)	25,434	180	323
6L20-V*-P**	20	99-660 (48/62hz)	50	2.3 - 5.2	1-3	1.0 (0.75)	31,400	200	335
6L24-V*-P**	24	99-660 (48/62hz)	42	2.3 - 5.2	1-3	1.0 (0.75)	45,216	240	380

*Replace V with Input Voltage 230 or 460. IE: 6L24EC-230-3 .
**Replace P with 1 (Single Phase) or 3 (Three Phase)
***Based on standard 1' extension bar

*Replace V with Input Voltage 115, 230, 460 or 575. IE: 6L24-230-3.
**Replace P with 1 (Single Phase) or 3 (Three Phase)
***Based on standard 1' extension bar

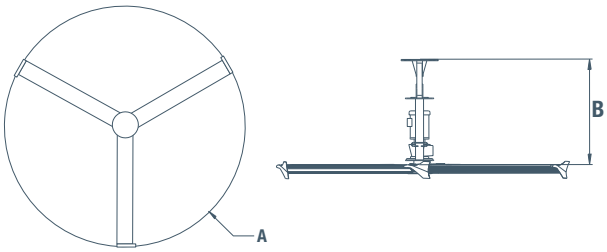
Please note: Direct drive models are not 208 Volt capable.

Note: Required controller sold separately. See HVLS controllers page

DIMENSIONS

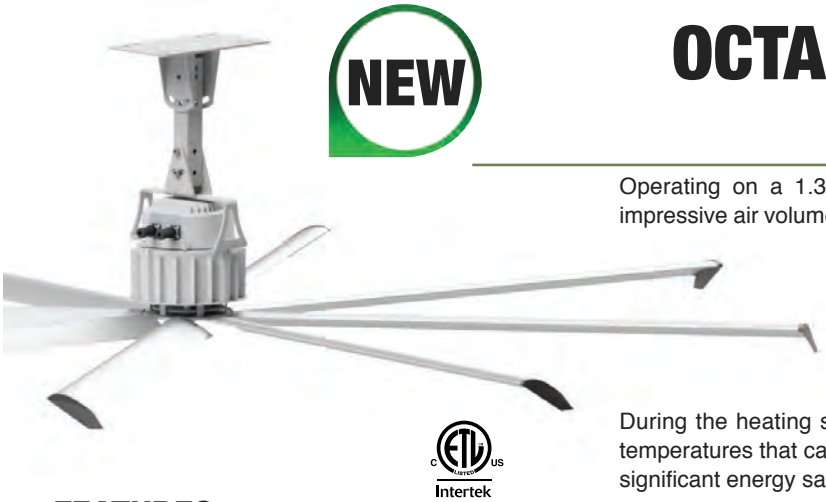
MODEL	A	B***
6L06EC-V*-P**	6'	33"
6L08EC-V*-P**	8'	33"
6L10EC-V*-P**	10'	33"
6L12EC-V*-P**	12'	33"
6L14EC-V*-P**	14'	33"
6L16EC-V*-P**	16'	33"
6L18EC-V*-P**	18'	33"
6L20EC-V*-P**	20'	33"
6L24EC-V*-P**	24'	33"

*Replace V with Input Voltage 230 or 460. IE: 6L24EC-230-3.
**Replace P with 1 (Single Phase) or 3 (Three Phase)
***Based on standard 1' extension bar



MODEL	A	B***
6L10-V*-P**	10'	39"
6L12-V*-P**	12'	39"
6L14-V*-P**	14'	39"
6L16-V*-P**	16'	39"
6L18-V*-P**	18'	39"
6L20-V*-P**	20'	39"
6L24-V*-P**	24'	39"

*Replace V with Input Voltage 115, 230, 460 or 575. IE: 6L24-230-3.
**Replace P with 1 (Single Phase) or 3 (Three Phase)
***Based on standard 1' extension bar



NEW

OCTA-LITE COMMERCIAL EC

Economic, direct drive, high volume low speed fan ideal for industrial & commercial settings.

Operating on a 1.35 HP EC motor, minimal power consumption is combined with impressive air volumes to create the highly efficient Octa-Lite Commercial EC HVLS Fan.

Octa-Lite HVLS fans blanket a very large area by constantly moving air to create an expansive comfort zone. As a result, the big ceiling fan can create an evaporative cooling effect of three to four degrees throughout the facility.

During the heating season, the Octa-Lite HVLS fan technology can destratify uneven temperatures that can be in excess of fifteen degrees from ceiling to floor. This results in significant energy savings since the heating system cycles less frequently.

FEATURES

- Equipped with eight extruded anodized, high performance E420 design aluminum airfoils. Contoured for maximum air movement so environments become cooler faster.
- Eight wingtip fences constructed of nylon 66 redirect outward airflow into downward airflow to improve and direct airflow downwards.
- 1/4" powder-coated steel and anodized aluminum chassis resists rusting and corrosion even in cold and damp environments.
- Direct drive system allows this fan to operate incredibly quiet. Totally enclosed direct drive, IP65 rated ECM motor. Onboard VFD is factory assembled and programmed for minimum start/stop torque loads.
- Quiet Performance & Minimal Maintenance.
- Conforms to CSA Standard 22.2# 133 and UL507.



PERFORMANCE SPECIFICATIONS

MODEL	DIAMETER (ft)	VOLTAGE (VAC)	MAX RPM	MOTOR FLA	PHASE	HP (KW)	AREA COVERED (sqft)	MAX EFFECTIVE DIAMETER (ft)	WEIGHT*** (lbs)
8L06EC-V*-P**	6	120-460V (50/60hz)	140	5.2	1-3	1.35 (1.0)	2,826	60	106
8L08EC-V*-P**	8	120-460V (50/60hz)	100	5.2	1-3	1.35 (1.0)	5,024	80	110
8L10EC-V*-P**	10	120-460V (50/60hz)	70	5.2	1-3	1.35 (1.0)	7,850	100	115
8L12EC-V*-P**	12	120-460V (50/60hz)	65	5.2	1-3	1.35 (1.0)	11,304	120	119
8L14EC-V*-P**	14	120-460V (50/60hz)	45	5.2	1-3	1.35 (1.0)	15,386	140	123
8L16EC-V*-P**	16	230-460V (50/60hz)	45	5.2	1-3	1.35 (1.0)	20,096	160	167

***Replace V with Input Voltage 115, 230 or 460. IE: 8L16EC-230-3.**
****Replace P with 1 (Single Phase) or 3 (Three Phase)**
*****Based on standard 6-1/2" extension bar**

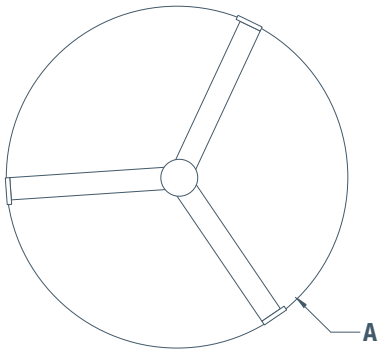
Please note: Direct drive models are not 208 Volt capable.

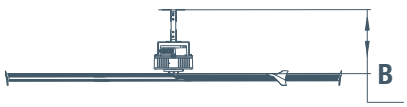
Note: Required controller sold separately. See HVLS controllers page

DIMENSIONS

MODEL	A	B***
8L06EC-V*-P**	6'	22.25"
8L08EC-V*-P**	8'	22.25"
8L10EC-V*-P**	10'	22.25"
8L12EC-V*-P**	12'	22.25"
8L14EC-V*-P**	14'	24.50"

***Replace V with Input Voltage 115, 230 or 460.**
IE: 8L16EC-230-3.
**** Replace P with 1 (Single Phase) or 3 (Three Phase)**
*****Based on standard 6-1/2" extension bar**





HVLS CONTROLLERS



AP-1046
AUTOPILOT MULTI-FAN CONTROLLER

Wall mounted controller with 7" LCD touchscreen interface. Web-based controller supports up to 24 fans. The included mobile controller app allows full control of all your fans from anywhere on or off your wifi network.



RC-1077
RADAR CONTROLLER

Digital interface controls all fan functions including programming, fault viewing, and more. Control up to 63 fans individually or as a group. Operate fans for cooling or destratification.



TGPC-1047
TOUCH 'N' GO PREMIER CONTROLLER

Control multiple fans in groups or individuall. Operate your fans in either forward or reverse.0-100% speed control. Fully digital interface. Visual indicators of speed and direction. Password lockout capability.



VLD-1069
VLD CONTROLLER

Easily mounts to wall for controlling each fan individually via an economic digital interface.



SY-1034-1
SINGLE YOKE CONTROL

Includes Fwd/Off/Rev switch and 0-10 speed pot to control fan speed. 100 Ft., 6-core shielded cable. One per fan required.



DY-1034-2
DOUBLE YOKE CONTROL

Includes Fwd/Off/Rev switch and 0-10 speed pot to control fan speed. Nema 4X. 2) 100 Ft., 6-core shielded cables. One per two fans required.



TY-1034-3
TRIPLE YOKE CONTROL

Includes Fwd/Off/Rev switch and 0-10 speed pot to control fan speed. 3) 100 Ft., 6-core shielded cables. One per three fans required.



UL-1067
ULTRALITE CONTROL

Easily mounts to wall for controlling each fan individually. Allows operation of the fan for cooling and destratification.

TRI-LITE EC SERIES CONTROLLERS



SY-1034-1
SINGLE YOKE CONTROL

Includes Fwd/Off/Rev switch and 0-10 speed pot to control fan speed. 100 Ft., 6-core shielded cable. One per fan required.



DY-1034-2
DOUBLE YOKE CONTROL

Includes Fwd/Off/Rev switch and 0-10 speed pot to control fan speed. Nema 4X. 2) 100 Ft., 6-core shielded cables. One per two fans required.



TY-1034-3
TRIPLE YOKE CONTROL

Includes Fwd/Off/Rev switch and 0-10 speed pot to control fan speed. 3) 100 Ft., 6-core shielded cables. One per three fans required.



UL-1067
ULTRALITE CONTROL

Easily mounts to wall for controlling each fan individually. Allows operation of the fan for cooling and destratification.



VLD-1069
VLD CONTROLLER

Easily mounts to wall for controlling each fan individually via an economic digital interface.

WINTER ENERGY SAVINGS BY HEAT DESTRATIFICATION

Everyone knows that hot air rises. Buildings with ceilings higher than 8 feet have a significant amount of stored heat at the ceiling that will transfer through the roof and be lost and wasted. The higher the ceiling, the greater amount of energy loss potential from the stored heat at the top of the building. This heat/energy loss can be significantly reduced resulting in lower energy bills by the use of Canarm Ceiling Fans.

There can be as much as 25 degrees Fahrenheit difference between floor and ceiling. Heaters will be working when the floor level temperature is 65ºF and there is already 80 degree air at the ceiling ready to be recycled. (See ***Figure 1***). The use of Canarm Ceiling Fans in this situation will move this hot air down from the ceiling to create a more even air temperature throughout the building resulting in a more comfortable working environment and potentially reducing your energy bills by as much as 30%. (See ***Figure 2***)

FIGURE 1

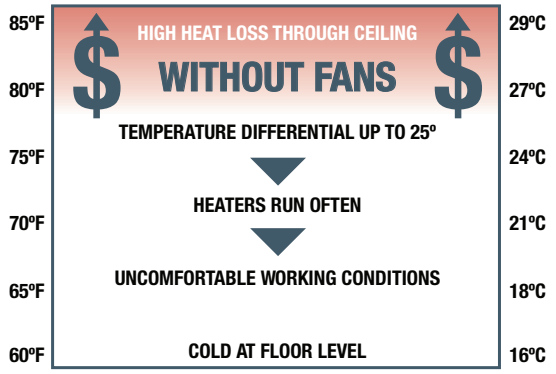
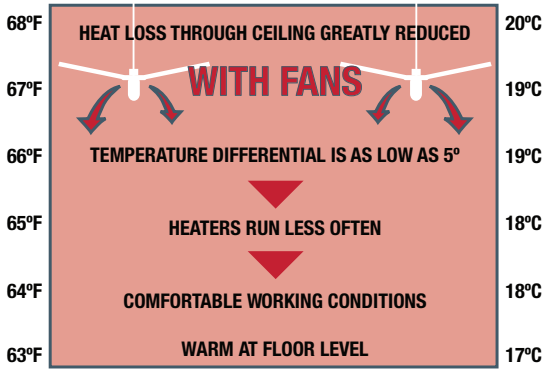


FIGURE 2



SHIPPING DOOR AIR CURTAIN

Cold air entering a building and heat loss from shipping doors is a significant waste of energy in cold weather. A Canarm ceiling fan can be positioned in front of the door pushing air down and out. When the shipping door is opened, the fan helps hold back cold air and the warm air is kept in.

HOW TO CHOOSE A FAN

Ceiling fan choice and layout is based on ceiling height and the floor area of the building. As the height of the ceiling increases, larger and more powerful fans are required to achieve destratification.

The floor air coverage of a fan will be greater the higher the ceiling of the building. This is because of the natural cone shape of the air pattern produced by the fan.

Canarm provides two types of fans:

- The traditional ceiling fan, low cost, good performance, great for dry locations.
- High performance, water resistant models - great for more demanding applications with high moisture or greater air velocity requirements. Use the chart to help choose the correct fan size/type and quantity to suit your requirements.

EXAMPLE:

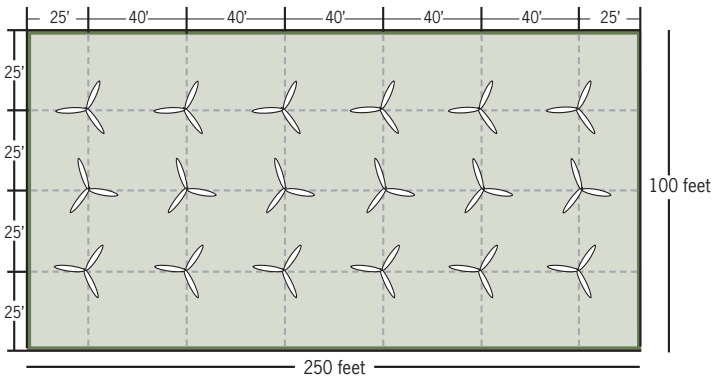
What size and how many fans would be required for a building that is 100 feet wide x 250 feet long and has as ceiling height of 16 feet?

A typical layout for a building is illustrated.

- By using the chart, we see that a ceiling height of 16 feet requires a 56” fan.
- Floor Area of the building = 100 feet wide x 250 feet long = 25,000 square feet.
- From the chart, we know that the Fan Floor Area. Coverage of the 56” model is 1400 square feet at a 16 foot ceiling height.
- Therefore, the number of fans required = Floor Area of building / Fan Floor Area Coverage 25,000 square feet /1400 square feet = 18 fans.

Note: An additional fan should be used about 10 feet in front of each shipping door to act as an air curtain and reduce heating bills in the winter.

CEILING HEIGHT	SUGGESTED FAN SIZE	FAN FLOOR AREA COVERAGE (SQ. Feet)
12' - 13'	48"	950
14' - 15'		1150
16' - 17'	56"	1400
18' - 19'		1600
20' - 21'		1800
22' - 25'	60"	2250
26' - 30'		2700



DC - INDUSTRIAL CEILING FAN

Ideally suited for circulating air in Industrial and Commercial Applications. Canarm's "DC" Fans help save energy year round.

NEW



IMPORTANT NOTICE:

In order to operate, DC industrial fans MUST be installed with our RREM-DCQ014-W wall control. DC fans not for use with MC controls.

FEATURES

NEW DC MODELS

- Available with 48", 56", and 60" blade sweeps.
- Cutting Edge Technology DC motor.
- High Performance or High Performance Weather Proof.
- Up to 70% more energy efficient.
- 5 speed with forward and reverse.
- Extremely quiet.
- Extended motor life. 10 yr warranty.
- Faster startup, stop, change speeds and reversing.
- Easy to install, 50% less weight.
- Air Movement and energy consumption - 56" DC model 244 CFM/watt vs 106 CFM/watt AC model.
- **NRCAN AND DOE COMPLIANT FOR CANADA AND THE USA.**



C US

SPECIFICATIONS

MODEL NUMBER	COLOUR	FAN SIZE	CFM	VOLTAGE	CFM/W	FORWARD & REVERSE	DOWNROD LENGTH	SHIPPING WEIGHT (LBS)
CP48D11N	WHITE	48"	7370	120	211	YES	16"	17
CP56D11PN (c/w cord + plug)	WHITE	56"	8449	120	244	YES	16"	18.5
CP56D11N	WHITE	56"	8449	120	244	YES	16"	18.5
CP56D10N	BLACK	56"	8449	120	244	YES	16"	18.5
CP56D1136N	WHITE	56"	8449	120	244	YES	36"	22

HIGH PERFORMANCE WEATHER PROOF - WATER RESISTANT (rubber gaskets & stainless screws)

MODEL NUMBER	COLOUR	FAN SIZE	CFM	VOLTAGE	CFM/W	FORWARD & REVERSE	DOWNROD LENGTH	SHIPPING WEIGHT (LBS)
CP48DW11N	WHITE	48"	7370	120	211	YES	16"	17
CP56DW11N	WHITE	56"	8449	120	244	YES	16"	18.5
CP60DW11N	WHITE	60"	8944	120	259	YES	16"	18.5

CONTROL

RREM-DCQ014-W

- Wall mount speed control for DC motors only.
- Controls up to 5 DC fans.
- ON/OFF, 5-speed forward & reverse.



IMPORTANT NOTICE:

In order to operate, DC industrial fans MUST be installed with our **RREM-DCQ014-W** wall control.

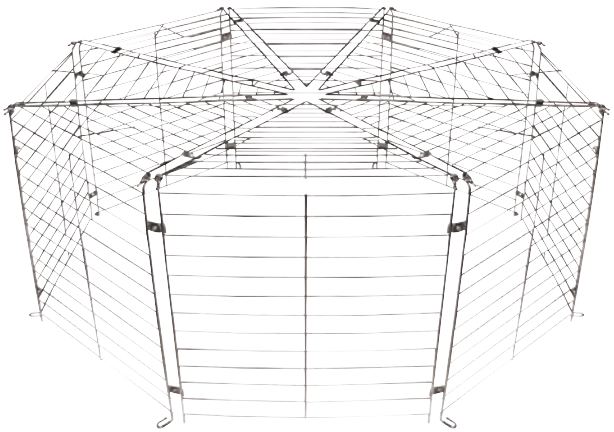
DC fans not for use with MC controls.

Downrods available as accessories in 8" or 36" sizes. See next page.

INDUSTRIAL FAN GUARD

Great for factories, farms, schools and warehouses.

- 61” W x 26” H
- Knockdown construction.
- Installs in minutes.
- Use with Canarm 36”, 48” & 56” ceiling fans.
- Shipping weight - 21 lbs.



DOWNRODS & MOUNTING KIT

MODEL	DESCRIPTION
DCR0811	8" Downrod for Industrial Ceiling Fans White, complete with lead wire and safety cable
DCR3611	36" Downrod for Industrial Ceiling Fans White, complete with lead wire and safety cable
DCR3610	36" Downrod for Industrial Ceiling Fans Black, complete with lead wire and safety cable
DCR08WR11	8" Downrod for Industrial Ceiling Fans White, water resistant, complete with lead wire and safety cable
DCR36WR11	36" Downrod for Industrial Ceiling Fans White, water resistant, complete with lead wire and safety cable
DCR36WR10	36" Downrod for Industrial Ceiling Fans Black, water resistant, complete with lead wire and safety cable
CP99	Angular Mounting Kit



DCR3610



DCR0811



DCR3611

CEILING FAN SPEED CONTROLS

RREM-DCQ014-W



IMPORTANT NOTICE:

In order to operate, DC industrial fans MUST be installed with our **RREM-DCQ014-W** wall control.

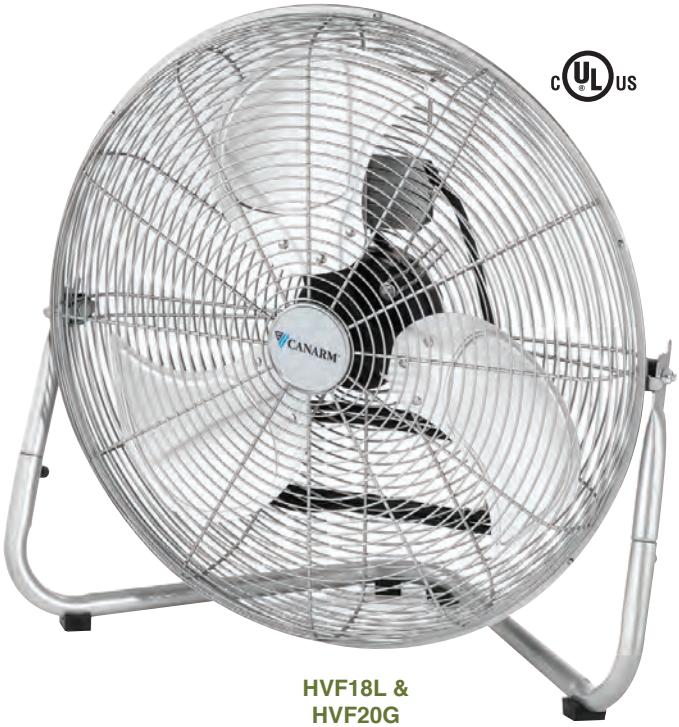
FEATURES

- Wall mount speed control for DC motors only.
- Controls up to 5 DC fans.
- ON/OFF, 5-speed forward & reverse.

HVF - HIGH VELOCITY FLOOR / TABLE / WALL CIRCULATING FANS

Effectively cools large areas in Factories, Stores, Offices, Restaurants and more

Canarm/LFI's high velocity commercial fans economically provide relief from summer heat by creating a gentle air movement.



HVF18L & HVF20G

FEATURES

- Painted silver finish.
- 3 speed dial control.
- Sturdy aluminum blades.
- 12", 18" and 20" sizes available.
- Model HVF20G with 5'9" 120V grounded cord set.
- Models HVRA12 & HVF18L with 6' 120V cord with fuse (2 prong).
- Convenient carrying handle.
- Cord wrap on HVF20G model.
- Ergonomic tilt adjustment knobs.
- Complete with wall mount bracket.
- OSHA guard.
- Easy assembly - no tools required.



HVRA12

PERFORMANCE SPECIFICATIONS

MODEL	HIGH SPEED						MEDIUM SPEED						LOW SPEED					
	CFM	AMPS	WATTS	RPM	DB (A)	VELOCITY @ 5ft (FT/MIN)	CFM	AMPS	WATTS	RPM	DB (A)	VELOCITY @ 5ft (FT/MIN)	CFM	AMPS	WATTS	RPM	DB (A)	VELOCITY @ 5ft (FT/MIN)
HVRA12	1,500	0.57	50	1450	48	284	1,200	0.52	42	1275	42	254	800	0.37	30	966	40	191
HVF18L	3,815	0.85	98	1530	58	586	2,828	0.76	80	1360	55	550	2,540	0.57	67	1120	50	480
HVF20G	5,000	1.35	162	1500	62	866	4,000	1.16	139	1380	57	782	2,800	1.02	122	1200	53	675



WALL MOUNT BRACKET ASSEMBLY

MODEL	BLADE DIAMETER	DESCRIPTION	DIMENSIONS	H.P.	WEIGHT
HVRA12	12"	3 Speed Floor/Table Fan	15 3/4" W x 7 1/2" D x 15" H	1/10	11 lbs
HVF18L	18"	3 Speed Floor/Table Fan	20 5/8" W x 8 1/4" D x 20 1/10" H	1/16	12.3 lbs
HVF20G	20"	3 Speed Floor/Table Fan	23 3/4" W x 10 1/4" D x 23" H	1/4	24 lbs



LF - HIGH VELOCITY CEILING OR WALL FAN

Suitable for wet locations.

FEATURES

- Ceiling or wall mount high velocity fan.
- 18" blade diameter.
- Commercial duty 3 speed motor with pull chain control.
- All metal construction.
- 1/8 hp motor.
- Epoxy coated OSHA guard.
- 9' heavy duty 120V cord with cord wrap.
- Steel wall (ceiling) mount assembly.

PERFORMANCE SPECIFICATIONS

MODEL	SIZE	H.P.	VOLTS	AMPS	Phs	RPM	SPEED	CFM	WEIGHT (LBS)
LF18HVW	18"	1/8	120	1.45/1.35/1.27	1	1290/960/760	3	5700/4100/3200	26



HAF18-ZO

HAF - HORIZONTAL AIR FLOW FANS

Ideal for moist environments.

FEATURES

- Available in 14", 16", 18", 20" and 24" sizes.
- Totally enclosed motor on all units except the OSC models (which are ODP).
- Fans are standard with a Bright Zinc plated OSHA guard.
- Totally enclosed motors are suitable for wet locations.
- 120V grounded cord and plug
- Most models available in White as an alternate to the Zinc as a special order. Call factory for details.



HAF18-ZO-WOSC



HAF18

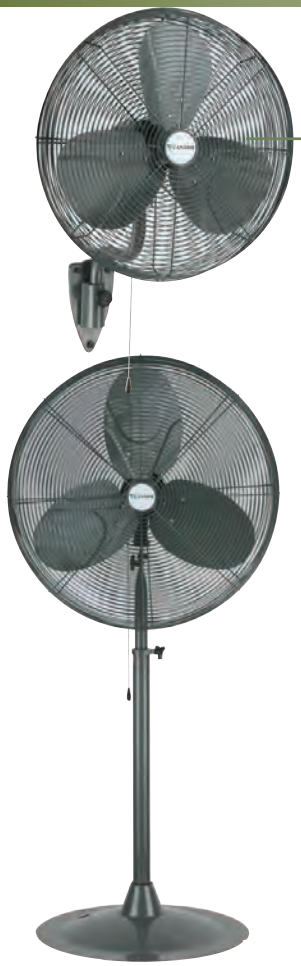
HAF18 FEATURES

- 18" horizontal air flow fan.
- Totally enclosed motor.
- Powder coated guard has wide spacing to eliminate the build up of debris.
- Suitable for wet locations.
- 115V, 8 foot grounded cord & plug.
- Zinc dipped OSHA guard option available.

PERFORMANCE SPECIFICATIONS

MODEL NUMBERS	DESCRIPTION	VOLTAGE	MOTOR HP	WATT	AMPS	CFM	RPM	SPEED	SPEED CONTROL
HAF18	18" Greenhouse fan powder coated with Hanging Bracket	120V	1/8	130	1.1	2350	1550	Variable	Optional
HAF14-ZO*	14" Greenhouse fan Zinc dipped with Hanging Bracket	120V	1/16	60	0.6	1620	1550	Variable	Optional
HAF16-ZO*	16" Greenhouse fan Zinc dipped with Hanging Bracket	120V	1/8	120	1.1	2250	1550	Variable	Optional
HAF18-ZO	18" Greenhouse fan Zinc dipped with Hanging Bracket	120V	1/8	130	1.1	2350	1550	Variable	Optional
HAF20-ZO*	20" Greenhouse fan Zinc dipped with Hanging Bracket	120V	1/8	130	1.2	3200	1550	Variable	Optional
HAF24-ZO*	24" Greenhouse fan Zinc dipped with Hanging Bracket	120V	1/4	200	1.8	4000	1550	Variable	Optional
HAF16-ZO-WOSC*	16" Greenhouse Oscillating fan Zinc dipped with Wall Mount Bracket	120V	1/16	60	0.6	2200	1550/1490/1280	Three	Dial
HAF18-ZO-WOSC*	18" Greenhouse Oscillating fan Zinc dipped with Wall Mount Bracket	120V	1/8	120	1.1	2350	1650/1560/1300	Three	Dial
HAF20-ZO-WOSC*	20" Greenhouse Oscillating fan Zinc dipped with Wall Mount Bracket	120V	1/8	130	1.2	3100	1600/1500/1250	Three	Dial
HAF24-ZO-WOSC*	24" Greenhouse Oscillating fan Zinc dipped with Wall Mount Bracket	120V	1/4	200	1.8	3500	1550/1460/1130	Three	Dial

*Special order. Call for availability.



NOTE: CA FAN HEADS REPLACE CFH FAN HEADS

CA - INDUSTRIAL GRADE CIRCULATING FANS

Canarm LFI's CA circulating fans economically provide relief from summer heat by creating a gentle air movement. They effectively cool large areas in factories, stores, restaurants and other public places. These fans have a low RPM motor which allows them to operate quietly.

The Floor Pedestal type fans come with a sturdy base and are supported by an adjustable tubular steel post which provides maximum stability. The Wall Mount fans are anchored with a sturdy wall bracket. There is also an optional ceiling mount.

On all fan models, the fan assembly can be tilted on a swivel bracket to direct air stream upwards or downwards. Available with oscillating motor on the pedestal and wall models.

FEATURES

- Rugged, high performance model.
- Available in 24" & 30" sizes.
- 1/4 HP, 3 speed, totally enclosed ball bearing motor with thermal overload protection.
- Fan motor RPM - 1100/950/850.
- Available with oscillating motor on the pedestal and wall models.
- Heavy gauge aluminum, well balanced fan blades.
- Air stream adjustable in all directions.
- Complete with 10', 120V grounded cord set.
- Attractive powder coated front and rear guards, meet OSHA standards.

C US

PERFORMANCE SPECIFICATIONS

MODEL NUMBER	FAN SIZE	DESCRIPTION	CFM	VOLT	AMPS	SHIPPING WEIGHT (LBS)
HEADS ONLY						
CA24-C	24"	3 SPEED	7100/6300/5300	115	2.7	40
CA24OSC-C		3 SPEED OSCILLATING	7100/6300/5300	115	2.7	40
CA30-C	30"	3 SPEED	8300/7300/6300	115	2.7	50
CA30OSC-C		3 SPEED OSCILLATING	8300/7300/6300	115	2.7	50

QUICK REFERENCE

Use this table to make sure you order the correct fan replacement parts.

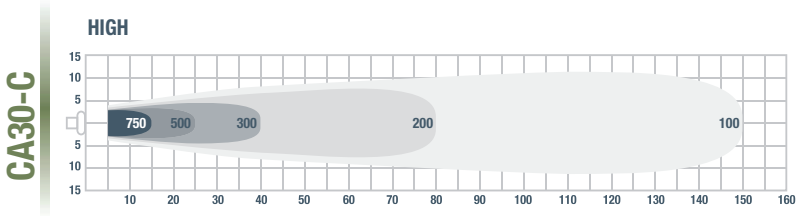
FAN HEAD MOUNTING ACCESSORIES SHOWN BELOW.

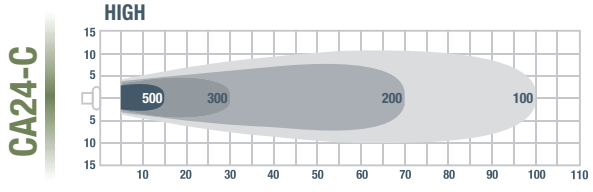
OLD MODEL	REPLACED WITH
PEDESTAL FANS - OSCILLATING	
CA24POSC-C	CA24OSC-C + CFKPB
CA30POSC-C	CA30OSC-C + CFKPB
PEDESTAL FANS - NON OSCILLATING	
CA24P-C	CA24-C + CFKPB
CA30P-C	CA30-C + CFKPB

OLD MODEL	REPLACED WITH
WALL FANS - OSCILLATING	
CA24WOSC-C	CA24OSC-C + CFWB
CA30WOSC-C	CA30OSC-C + CFWB
WALL FANS - NON OSCILLATING	
CA24W-C	CA24-C + CFWB
CA30W-C	CA30-C + CFWB

VELOCITY MAPPING CHARTS

These charts indicate the air distribution patterns of the CA fans. They are a graphic illustration of air velocity in feet per minute.






CFKPB


CFCM


CFWB

MOUNTING ACCESSORIES

MODEL	DESCRIPTION	WEIGHT (LBS)
CFKPB	KNOCK DOWN PEDESTAL BASE	36
CFWB	WALL BRACKET	6
CFCM	CEILING MOUNT (NON OSCILLATING FANS ONLY)	9



PBKD / WMKD - COMMERCIAL CIRCULATING FANS

Canarm/LFI's high velocity commercial fans economically provide relief from summer heat by creating a gentle air movement. Pedestal type fans come with a sturdy base and adjustable pole. All fans have a 3 speed motor with industrial grade aluminum blades.



FEATURES

- Commercial duty circulating fans (Knock Down).
- Painted aluminum blades.
- Standard OSHA guard.
- Motors are thermally protected.
- Available in 24" and 30" stationary and oscillating models.
- Packaged in one box, complete with mounting accessories.
- Complete with 10', 120V grounded plug.

PERFORMANCE SPECIFICATIONS

FAN SIZE	MODEL NUMBER & WEIGHT (LBS)				DESCRIPTION	H.P.	SUPPLY CFM
	PEDESTAL FAN	WEIGHT (LBS)	WALL MOUNT FAN	WEIGHT (LBS)			
24"	**PBKD24-3SP**	74	**WMKD24-3SP**	38	3 Speed	1/4	6600/5900/4900
24"	**PBKD24-OSC**	78	**WMKD24-OSC**	42	3 Speed Oscillating	1/4	6600/5900/4900
30"	**PBKD30-3SP**	80	**WMKD30-3SP**	46	3 Speed	1/4	8300/7300/6300
30"	**PBKD30-OSC**	84	**WMKD30-OSC**	49	3 Speed Oscillating	1/4	8300/7300/6300



CCU - COMMERCIAL CIRCULATING FANS

Canarm/LFI's high velocity commercial fans economically provide relief from summer heat by creating a gentle air movement. Pedestal type fans come with a sturdy base and adjustable pole. All fans have a 3 speed motor with industrial grade aluminum blades.

FEATURES

- Commercial duty circulating fans (Knock Down).
- 20" stationary models.
- Adjustable pedestal (54"-64").
- 3 speeds.
- Painted aluminum blades.
- Standard OSHA guard.
- Motors are thermally protected.
- Complete with 10', 120V grounded plug.
- 20" pedestal complete with wheel kit.

PERFORMANCE SPECIFICATIONS

MODEL	FAN SIZE	DESCRIPTION	H.P.	SUPPLY CFM	WEIGHT (LBS)
CCUP20	20"	3 Speed Pedestal Fan	1/4	6200/5200/4200	47

HVR - DRUM FANS

For Heavy Duty Industrial/Commercial applications.
Canarm/LFI's "HVR" High Velocity Round Portable Fans circulate large volumes of air.

HVR24



FEATURES

- Heavy 18 gauge, powder coated steel housing.
- Factory balanced blade.
- Permanently lubricated, totally enclosed motors.
- 2 speed dial switch on 24" & 36" models.
- Fan drum easily pivots up for directional control with strong locking mechanism.
- Complete with 10', 120V grounded cord.
- Powder coated front and rear guards meet OSHA standards.
- Heavy duty wheel kit makes this fan easy to move.
- 5" (HVR24) and 8" (HVR36) rubber wheels with steel hubs.
- Complete with conversion kit for ceiling mount.

HVR36



COMES WITH CEILING MOUNT CONVERSION KIT



PERFORMANCE SPECIFICATIONS

Model Number	Size	Speed	H.P.	RPM	CFM	Volts	Amps	Weight (lbs)
HVR24	24"	2	1/3	1100 / 730	7000 / 4645	120	1.8	43
HVR36	36"	2	1/2	825 / 750	12000 / 10910	120	4.9	103



MCS & MCSA - HIGH STAND INDUSTRIAL MANCOOLERS

Designed to provide cooling effects to large, open areas.

FEATURES

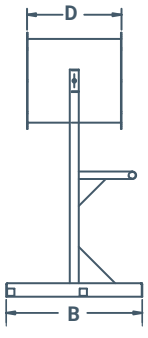
- Drums and motor supports are constructed of heavy gauge steel.
- TEFC continuous duty, ball bearing motors are standard.
- All models are direct drive and available with steel blades or cast aluminum blades.
- Heavy duty, concentric circle, OSHA wire guards are standard on all sizes.
- Consult factory for availability of explosion-proof motors.
- Casters and lift handle are standard, allowing easy maneuverability.
- Fan flow direction on the tube section can easily be rotated 180˚.

Non-stock, made-to-order products are non-returnable and cannot be cancelled.

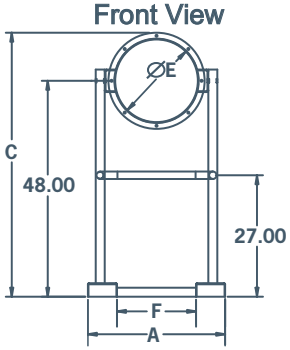
DIMENSIONS

FAN SIZE	A	B	C	D	E (Tube I.D.)	F
18"	30 1/2"	30 1/4"	58 2/3"	21"	18 3/8"	17 4/7"
24"	36 1/2"	30 1/4"	61 2/3"	21"	24 3/8"	23 4/7"
30"	42 1/2"	30 1/4"	64 2/3"	21"	30 3/8"	29 4/7"
36"	--	--	67 2/3"	27"	36 3/8"	--
42"	--	--	70 2/3"	32"	42 3/8"	--
48"	--	--	73 2/3"	32"	48 3/8"	--

Side View



Front View



PERFORMANCE SPECIFICATIONS

MCS STEEL FAN BLADE

FAN SIZE	MODEL # SINGLE PHASE	MODEL # THREE PHASE	RPM	H.P.	MCS CFM	dBA @ 5 Ft
18"	MCS18T10033C	MCS18T30033C*	1140	1/3	2654	64
	MCS18T10050B	MCS18T30050B*	1750	1/2	4016	74
24"	MCS24T10075C	MCS24T30075C*	1140	3/4	6549	73
	MCS24T10100B	MCS24T30100B*	1750	1	6761	81
	MCS24T10300B	MCS24T30300B*	1750	3	9909	84
30"	--	MCS30T30150C*	1140	1.5	11600	79
	MCS30T10500B	MCS30T30500B*	1750	5	17552	90
36"	--	MCS36T30200D*	860	2	16364	80
	--	MCS36T30500C*	1140	5	21692	88
42"	--	MCS42T30500D*	860	5	24499	85
	--	MCS42T30500C*	1140	5	23209	88
48"	--	MCS48T30750D*	860	7.5	35654	89
	--	MCS48T30750C*	1140	7.5	32563	92

MCSA CAST ALUMINUM BLADE

FAN SIZE	MODEL # SINGLE PHASE	MODEL # THREE PHASE	RPM	H.P.	MCSA CFM	dBA @ 5 Ft
18"	MCSA18T10033C	MCSA18T30033C*	1140	1/3	2990	60
	MCSA18T10075B	MCSA18T30075B*	1750	3/4	4590	71
24"	MCSA24T10100C	MCSA24T30100C*	1140	1	6520	69
	MCSA24T10150B	MCSA24T30150B*	1750	1.5	7660	72
	MCSA24T10300B	MCSA24T30300B*	1750	3	11500	79
30"	MCSA30T10100C	MCSA30T30100C*	1140	1	8680	69
	--	MCSA30T30150C*	1140	1.5	11800	73
	MCSA30T10300B	MCSA30T30300B*	1750	3	13300	78
	MCSA30T10500B	MCSA30T30500B*	1750	5	18200	82
36"	--	MCSA36T30200C*	1140	2	14000	76
	--	MCSA36T30300C*	1140	3	19400	77
	MCSA36T10500B	MCSA36T30500B*	1750	5	16200	78
	MCSA36T10750B	MCSA36T30750B*	1750	7.5	21500	85
42"	--	MCSA42T30200D*	860	2	19200	73
	--	MCSA42T30300D*	860	3	23210	75
	--	MCSA42T30500C*	1140	5	25500	79
	--	MCSA42T30750C*	1140	7.5	30690	81
	--	MCSA42T31000B*	1750	10	26700	86
48"	--	MCSA48T30500D*	860	5	29820	78
	--	MCSA48T30750D*	860	7.5	35700	80
	--	MCSA48T31000C*	1140	10	39500	84
	--	MCSA48T31500C*	1140	15	47300	86

For three phase motors, substitute "*" with "M" for 230/460 volt (If 208V required please specify) or "P" for 575 volt
dBA ratings shown are measured at 0" static pressure and should be used as a guideline only.

OPTIONS

- Junction box installed on the outside of the fan body.



MCU & MCUA - LOW STAND INDUSTRIAL MANCOOLERS

Designed to provide cooling effects to large, open areas.

FEATURES

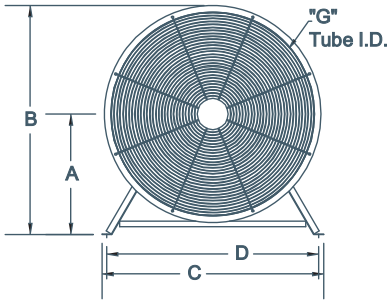
- Drums and motor supports are constructed of heavy gauge steel.
- TEFC continuous duty, ball bearing motors are standard.
- All models are direct drive and available with steel blades or cast aluminum blades.
- Heavy duty, concentric circle, OSHA wire guards are standard on all sizes.
- Consult factory for availability of explosion-proof motors.

Non-stock, made-to-order products are non-returnable and cannot be cancelled.

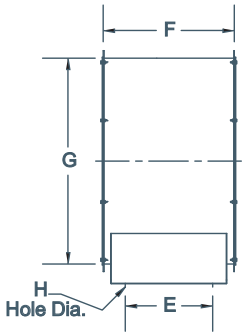
DIMENSIONS

FAN SIZE	A	B	C	D	E	F	G	H (Hole Diameter)
12"	10 1/4"	18"	16"	14"	10"	17"	12"	7/16"
18"	13 1/4"	24"	23"	21"	11"	18"	18 3/8"	7/16"
24"	16 1/4"	30"	28 1/2"	26 1/2"	13"	21"	24 3/8"	1/2"
30"	19 1/4"	36"	34 1/2"	32 1/2"	13"	21"	30 3/8"	1/2"
36"	22 7/8"	42 5/8"	40 1/2"	38 1/2"	19"	27"	36 3/8"	1/2"
42"	25 3/8"	48 1/8"	46 1/2"	44 1/2"	21"	27"	42 3/8"	5/8"
48"	28 9/16"	55"	53 1/4"	51 1/4"	23"	31"	48 3/8"	5/8"

Front View



Side View



PERFORMANCE SPECIFICATIONS

MCU STEEL FAN BLADE

FAN SIZE	MODEL # SINGLE PHASE	MODEL # THREE PHASE	RPM	H.P.	MCU CFM	dBA @ 5 Ft
12"	MCU12T10033C	MCU12T30033C*	1140	1/3	940	53
	MCU12T10033B	MCU12T30033B*	1750	1/3	1422	65
18"	MCU18T10025C	MCU18T30025C*	1140	1/3	2654	64
	MCU18T10050B	MCU18T30050B*	1750	1/2	4016	74
24"	MCU24T10075C	MCU24T30075C*	1140	3/4	6549	73
	MCU24T10100B	MCU24T30100B*	1750	1	6761	81
	MCU24T10300B	MCU24T30300B*	1750	3	9909	84
30"	--	MCU30T30150C*	1140	1.5	11600	79
	MCU30T10500B	MCU30T30500B*	1750	5	17552	90
36"	--	MCU36T30200D*	860	2	16364	80
	--	MCU36T30500C*	1140	5	21692	88
42"	--	MCU42T30500D*	860	5	24499	85
	--	MCU42T30500C*	1140	5	23209	88
48"	--	MCU48T30750D*	860	7.5	35654	89
	--	MCU48T30750C*	1140	7.5	32563	92

MCUA CAST ALUMINUM BLADE

FAN SIZE	MODEL # SINGLE PHASE	MODEL # THREE PHASE	RPM	H.P.	MCUA CFM	dBA @ 5 Ft
12"	MCUA12T10033C	MCUA12T30033C*	1140	1/3	1450	58
18"	MCUA18T10033C	MCUA18T30033C*	1140	1/3	2990	60
	MCUA18T10075B	MCUA18T30075B*	1750	3/4	4590	71
24	MCUA24T10100C	MCUA24T30100C*	1140	1	6520	69
	MCUA24T10150B	MCUA24T30150B*	1750	1.5	7660	72
	MCUA24T10300B	MCUA24T30300B*	1750	3	11500	79
30"	MCUA30T10100C	MCUA30T30100C*	1140	1	8680	69
	--	MCUA30T30150C*	1140	1.5	11800	73
	MCUA30T10300B	MCUA30T30300B*	1750	3	13300	78
	MCUA30T10500B	MCUA30T30500B*	1750	5	18200	82
36"	--	MCUA36T30200C*	1140	2	14000	76
	--	MCUA36T30300C*	1140	3	19400	77
	MCUA36T10500B	MCUA36T30500B*	1750	5	16200	78
	MCUA36T10750B	MCUA36T30750B*	1750	7.5	21500	85
42"	--	MCUA42T30200D*	860	2	19200	73
	--	MCUA42T30300D*	860	3	23210	75
	--	MCUA42T30500C*	1140	5	25500	79
	--	MCUA42T30750C*	1140	7.5	30690	81
	--	MCUA42T31000B*	1750	10	26700	86
48"	--	MCUA48T30500D*	860	5	29820	78
	--	MCUA48T30750D*	860	7.5	35700	80
	--	MCUA48T31000C*	1140	10	39500	84
	--	MCUA48T31500C*	1140	15	47300	86

For three phase motors, substitute "*" with "M" for 230/460 volt (If 208V required please specify) or "P" for 575 volt
dBA ratings shown are measured at 0" static pressure and should be used as a guideline only.

OPTIONS

- Junction box installed on the outside of the fan body.



MCY & MCYA - YOKE MOUNT INDUSTRIAL MANCOOLERS

Designed for superior cooling effects for large, open areas.

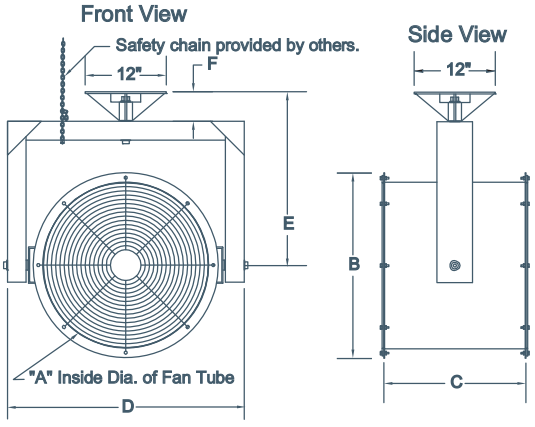
FEATURES

- Drums and motor supports are constructed of heavy gauge steel.
- TEFC continuous duty, ball bearing motors are standard.
- All models are direct drive and available with steel blades or cast aluminum blades.
- Heavy-duty, concentric circle, OSHA wire guards are standard on all sizes.
- Fan section can pivot on both the horizontal and vertical axis.
- Consult factory for availability of explosion-proof motors.

Non-stock, made-to-order products are non-returnable and cannot be cancelled.

DIMENSIONS

FAN SIZE	A	B	C	D	E	F
18"	18 3/8"	20 7/8"	18"	29"	24"	4 1/2"
24"	24 3/8"	27 3/8"	21"	35"	25 5/8"	4 1/2"
30"	30 3/8"	33 3/8"	21"	41 1/4"	30 1/4"	4 1/2"
36"	36 3/8"	39 3/8"	27"	47 5/16"	33 1/4"	4 1/2"



PERFORMANCE SPECIFICATIONS

MCY STEEL FAN BLADE

FAN SIZE	MODEL # SINGLE PHASE	MODEL # THREE PHASE	RPM	H.P.	MCY CFM	dBA @ 5 Ft
18"	MCY18T10033C	MCY18T30033C*	1140	1/3	2654	64
	MCY18T10050B	MCY18T30050B*	1750	1/2	4016	74
24"	MCY24T10075C	MCY24T30075C*	1140	3/4	6549	73
	MCY24T10100B	MCY24T30100B*	1750	1	6761	81
	MCY24T10300B	MCY24T30300B*	1750	3	9909	84
30"	--	MCY30T30150C*	1140	1.5	11600	79
	MCY30T10500B	MCY30T30500B*	1750	5	17552	90
36"	--	MCY36T30200D*	860	2	16364	80
	--	MCY36T30500C*	1140	5	21692	88

MCYA CAST ALUMINUM BLADE

FAN SIZE	MODEL # SINGLE PHASE	MODEL # THREE PHASE	RPM	H.P.	MCYA CFM	dBA @ 5 Ft
18"	MCYA18T10033C	MCYA18T30033C*	1140	1/3	2990	60
	MCYA18T10075B	MCYA18T30075B*	1750	3/4	4590	71
24"	MCYA24T10100C	MCYA24T30100C*	1140	1	6520	69
	MCYA24T10150B	MCYA24T30150B*	1750	1.5	7660	72
	MCYA24T10300B	MCYA24T30300B*	1750	3	11500	79
30"	MCYA30T10100C	MCYA30T30100C*	1140	1	8680	69
	--	MCYA30T30150C*	1140	1.5	11800	73
	MCYA30T10300B	MCYA30T30300B*	1750	3	13300	78
	MCYA30T10500B	MCYA30T30500B*	1750	5	18200	82
36"	--	MCYA36T30200C*	1140	2	14000	76
	--	MCYA36T30300C*	1140	3	19400	77
	MCYA36T10500B	MCYA36T30500B*	1750	5	16200	78
	MCYA36T10750B	MCYA36T30750B*	1750	7.5	21500	85

For three phase motors, substitute "*" with "M" for 230/460 volt (If 208V required please specify) or "P" for 575 volt
dBA ratings shown are measured at 0" static pressure and should be used as a guideline only.

OPTIONS

- Junction box installed on the outside of the fan body.



XBL - BELT DRIVE WALL FANS

Economy commercial and light duty industrial exhaust fans.
Ideal for Factories, Warehouses, Gymnasiums, Greenhouses, etc.

XBL series fans are typically used for low pressure applications with little or no duct work.

The XBL series is constructed for efficient, economical operation and are designed to be used primarily as exhaust fans.



HEAVY STEEL POST MOUNT

FEATURES

- Available in 24", 30", 36", 42" and 48" blade diameters
- Heavy gauge steel fan panel with deep spun orifice and flared venturi to maximize efficiency.
- Heavy steel post Motor mount with "U" clamp motor mount/belt tensioner.
- ODP motors are standard.
- Durable baked on textured polyethylene powder coat finish.
- Accepts all "XB" series accessories, including Cabinets, Sleeves, Shutters and guards.

Non-stock, made-to-order products are non-returnable and cannot be cancelled.

SPECIFICATIONS

BLADE DIAMETER	MODEL #			MOTOR H.P.	CFM	WEIGHT (LBS.)
	SINGLE PHASE	230/460V PHASE	575V			
24"	XBL24T10033	XBL24T30033M	XBL24T30033P	1/3	3270	50
30"	XBL30T10033	XBL30T30033M	XBL30T30033P	1/3	7730	60
36"	XBL36T10050	XBL36T30050M	XBL36T30050P	1/2	9870	65
42"	XBL42T10075	XBL42T30075M	XBL42T30075P	3/4	14800	75
48"	XBL48T10100	XBL48T30100M	XBL48T30100P	1.0	21500	98

BLADE DIAMETER

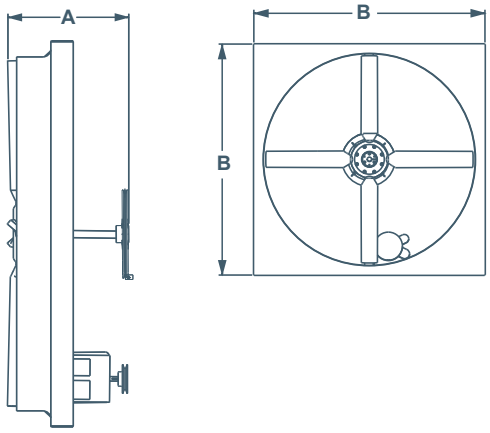
DIMENSIONS

Weights subject to change.

MODEL	BLADE DIAMETER	A	B X B SQUARE
XBL24	24"	17.5"	29.625"
XBL30	30"	17.5"	35.625"
XBL36	36"	17.5"	41.625"
XBL42	42"	17.5"	47.625"
XBL48	48"	17.5"	53.625"

Dimensions subject to change.

For CBS dimensions & illustration, see **Wall Exhaust Fans & Venturi Dimensions for Standard Options.**





BACK VIEW



ODP MOTOR

OPTIONS

For fan complete with cabinet/guard and shutter, substitute "T" with CBS



XB - BELT DRIVE WALL FANS

Designed for commercial and medium duty industrial applications
Factories, Warehouses, Gymnasiums, Underground parking garages, etc.



These fans are typically used for low pressure applications with little or no duct work.

The XB series is designed and constructed for efficient and economical operation at low speeds and low noise levels.

These fans are used for exhaust applications. For supply applications, please see next page.



BACK VIEW

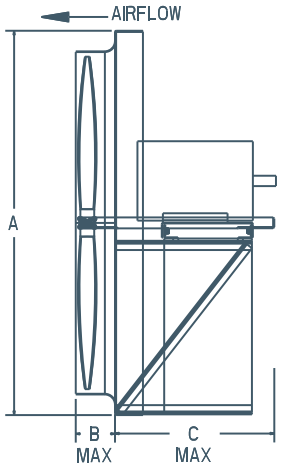
FEATURES

- Heavy gauge steel fan panel with deep spun and flared venturi for maximum efficiency.
- Heavy gauge welded steel motor and bearing supports.
- Heavy duty cast iron pillow block bearings.
- TEFC motors are standard.

Non-stock, made-to-order products are non-returnable and cannot be cancelled.

DIMENSIONS

MODEL	BLADE DIAMETER	A X A SQUARE	B	C (BELT DRIVE MOTOR FRAME)	
				56 - 184	213 - 286
XB24	24"	29.625"	4.0"	18"	--
XB30	30"	35.625"	4.5"	18"	--
XB36	36"	41.625"	5.0"	18"	28"
XB42	42"	47.625"	5.0"	18"	28"
XB48	48"	53.625"	5.0"	18"	28"
XB54	54"	59.657"	5.5"	18"	28"
XB60	60"	67.657"	6.0"	18"	28"



SPECIFICATIONS

BLADE DIAMETER	MODEL # SINGLE PHASE	MODEL # THREE PHASE	WEIGHT (LBS.)	RPM	H.P.	dBA @ 5 ft.	CFM @ STATIC PRESSURE 0"	1/8"	1/4"	3/8"	1/2"	5/8"
24"	XB24T10033	XB24T30033*	115	670	1/3	61	4643	4038	2488	-	-	-
	XB24T10050	XB24T30050*	115	805	1/2	65	5578	5112	4405	2934	-	-
	XB24T10075	XB24T30075*	115	925	3/4	70	6410	6030	5526	4731	3354	-
	XB24T10100	XB24T30100*	133	1040	1.0	73	7207	6883	6457	5930	5143	3793
30"	XB30T10033	XB30T30033*	128	470	1/3	59	6658	4717	1948	-	-	-
	XB30T10050	XB30T30050*	129	565	1/2	63	8004	6689	4298	2119	-	-
	XB30T10075	XB30T30075*	129	640	3/4	66	9067	8014	6073	4220	2203	-
	XB30T10100	XB30T30100*	148	715	1.0	69	10129	9223	7790	5688	4248	2452
	XB30T10150	XB30T30150*	129	830	1.5	73	11758	11032	10045	8530	6647	5543
36"	XB36T10050	XB36T30050*	161	410	1/2	59	9854	7547	3560	-	-	-
	XB36T10075	XB36T30075*	160	460	3/4	63	11056	9197	5120	2876	-	-
	XB36T10100	XB36T30100*	180	515	1.0	67	12378	10847	7976	4784	2740	-
	XB36T10150	XB36T30150*	160	605	1.5	71	14541	13394	11542	8258	5859	4122
	XB36T10200	XB36T30200*	203	675	2.0	73	16223	15195	13750	11831	8029	6506
42"	XB42T10075	XB42T30075*	211	330	3/4	58	11755	8579	3357	-	-	-
	XB42T10100	XB42T30100*	230	390	1.0	63	13892	11596	5764	3462	-	-
	XB42T10150	XB42T30150*	207	465	1.5	68	16564	14700	12037	6386	4670	-
	XB42T10200	XB42T30200*	248	510	2.0	71	18167	16479	14514	9114	6418	4770
	XB42T10300	XB42T30300*	264	590	3.0	75	21016	19579	18030	15887	10630	7882
48"	XB48T10100	XB48T30100*	257	330	1.0	63	18658	14895	7243	3301	-	-
	XB48T10150	XB48T30150*	236	380	1.5	67	21485	18589	12083	7263	3754	-
	XB48T10200	XB48T30200*	281	425	2.0	70	24030	21457	17737	10447	7459	4205
	XB48T10300	XB48T30300*	290	485	3.0	74	27422	25190	22472	18073	11634	9008
	XB48T10500	XB48T30500*	312	585	5.0	80	33076	31236	29331	26834	23759	17330
54"	XB54T10150	XB54T30150*	316	310	1.5	65	24281	20657	10405	5754	2747	-
	XB54T10200	XB54T30200*	359	345	2.0	68	26593	23275	15740	8821	5199	2455
	XB54T10300	XB54T30300*	370	400	3.0	72	30832	28008	24336	14731	10317	6921
	XB54T10500	XB54T30500*	380	475	5.0	76	36613	34384	31798	28018	19368	13736
	XB54T10750	XB54T30750*	492	545	7.5	81	42009	40171	37818	35727	31930	24931
60"	XB60T10150	XB60T30150*	363	275	1.5	64	28093	23231	12618	6346	3157	-
	XB60T10200	XB60T30200*	405	300	2.0	66	30647	26162	17561	9965	5469	2822
	XB60T10300	XB60T30300*	416	345	3.0	70	35244	31470	27438	16612	11289	7142
	XB60T10500	XB60T30500*	430	420	5.0	76	42906	40193	36504	33232	23610	17734
	XB60T10750	XB60T30750*	539	485	7.5	81	49546	47400	44167	41266	38377	30896

For three phase motors, substitute "*" with "M" for 230/460 volt (If 208V required please specify) or "P" for 575 volt
Fan blades tested in accordance with AMCA standard 210, figure 12
dBA ratings shown are measured at 0" static pressure and should be used as a guideline only
For VFD, please specify.

OPTIONS

For a complete listing of all available options, see **Wall Exhaust Options & Accessories.**



For fan complete with cabinet/guard and shutter, substitute "T" with CBS



For fan complete with front sleeve and shutter, substitute "T" with SLS



For fan with rear sleeve and back guard, substitute "T" with SLB

SXB - BELT DRIVE WALL SUPPLY FANS

Designed for commercial and light duty industrial supply applications - Factories, Warehouses, Underground parking garages, etc.



Photo above and Dimension illustration below show fan with cabinet, back guard and motorized steel control dampers (Standard).

These fans are typically used for low pressure applications with little to no duct work.
The SXB series is designed and constructed for efficient and economical operation at low speeds and low noise levels. Please see previous page for exhaust fan applications.

This fan is complete with cabinet, motorized steel control damper and guard.



BACK VIEW

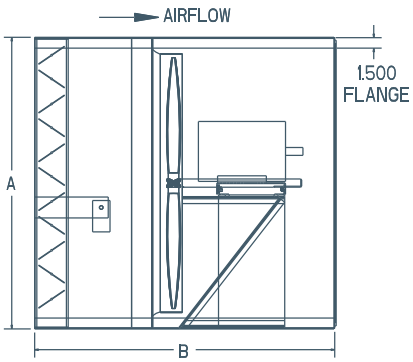
FEATURES

- Heavy gauge steel fan panel with deep spun and flared venturi for maximum efficiency.
- Heavy gauge welded steel motor and bearing supports.
- Galvanized heavy gauge steel fan blades that are statically and dynamically balanced.
- Heavy duty cast iron pillow block bearings.
- TEFC motors are standard.
- All dampers come with Belimo actuators.
- Complete with cabinet, motorized steel control damper and discharge guard.

Non-stock, made-to-order products are non-returnable and cannot be cancelled.

DIMENSIONS

MODEL	BLADE DIAMETER	A X A SQUARE	B (BELT DRIVE MOTOR FRAME)	
			56 - 184	213 - 286
SXB24	24”	29.875"	43"	--
SXB30	30”	35.875"	43"	--
SXB36	36”	41.875"	43"	49"
SXB42	42”	47.875"	43"	49"
SXB48	48”	53.875"	43"	49"
SXB54	54”	59.9375"	43"	49"
SXB60	60”	67.9375"	43"	49"



SPECIFICATIONS

BLADE DIAMETER	MODEL # SINGLE PHASE	MODEL # THREE PHASE	RPM	H.P.	dBA @ 5 ft.	CFM @ STATIC PRESSURE 0"	1/8"	1/4"	3/8"	1/2"	5/8"
24"	SXB24CBD10033	SXB24CBD30033*	670	1/3	61.0	3947	3432	2115	-	-	-
	SXB24CBD10050	SXB24CBD30050*	805	1/2	65	4741	4345	3744	2494	-	-
	SXB24CBD10075	SXB24CBD30075*	925	3/4	70.0	5449	5126	4697	4021	2851	-
	SXB24CBD10100	SXB24CBD30100*	1040	1	73.0	6126	5851	5488	5041	4372	3224
30"	SXB30CBD10033	SXB30CBD30033*	470	1/3	59.0	5659	4009	1656	-	-	-
	SXB30CBD10050	SXB30CBD30050*	565	1/2	63.0	6803	5686	3653	1801	-	-
	SXB30CBD10075	SXB30CBD30075*	640	3/4	66.0	7707	6812	5162	3587	1873	-
	SXB30CBD10100	SXB30CBD30100*	715	1	69.0	8610	7840	6622	4835	3611	2084
	SXB30CBD10150	SXB30CBD30150*	830	1 1/2	73.0	9994	9377	8538	7251	5650	4712
36"	SXB36CBD10050	SXB36CBD30050*	410	1/2	59.0	8376	6415	3026	-	-	-
	SXB36CBD10075	SXB36CBD30075*	460	3/4	63.0	9398	7817	4352	2445	-	-
	SXB36CBD10100	SXB36CBD30100*	515	1	67.0	10521	9220	6780	4066	2329	-
	SXB36CBD10150	SXB36CBD30150*	605	1 1/2	71.0	12360	11385	9811	7019	4980	3504
	SXB36CBD10200	SXB36CBD30200*	675	2	73.0	13790	12916	11688	10056	6825	5530
42"	SXB42CBD10075	SXB42CBD30075*	330	3/4	58.0	9992	7292	2853	-	-	-
	SXB42CBD10100	SXB42CBD30100*	390	1	63.0	11808	9857	4899	2943	-	-
	SXB42CBD10150	SXB42CBD30150*	465	1 1/2	68.0	14079	12495	10231	5428	3970	-
	SXB42CBD10200	SXB42CBD30200*	510	2	71.0	15442	14007	12337	7747	5455	4055
	SXB42CBD10300	SXB42CBD30300*	590	3	75.0	17864	16642	15326	13504	9036	6700
48"	SXB48CBD10100	SXB48CBD30100*	330	1	63.0	15859	12661	6157	2806	-	-
		SXB48CBD30150*	380	1 1/2	67.0	18262	15801	10271	6174	3191	-
	SXB48CBD10200	SXB48CBD30200*	425	2	70.0	20426	18238	15076	8880	6340	3574
	SXB48CBD10300	SXB48CBD30300*	485	3	74.0	23309	21412	19101	15362	9889	7657
	SXB48CBD10500	SXB48CBD30500*	585	5	80.0	28115	26551	24931	22809	20195	14731
54"	SXB54CBD10150	SXB54CBD30150*	310	1 1/2	65.0	20639	17558	8844	4891	2335	-
	SXB54CBD10200	SXB54CBD30200*	345	2	68.0	22604	19784	13464	7498	4419	2087
	SXB54CBD10300	SXB54CBD30300*	400	3	72.0	26207	23807	20686	12521	8769	5883
	SXB54CBD10500	SXB54CBD30500*	475	5	76.0	31121	29226	27028	23815	16463	11676
	SXB54CBD10750	SXB54CBD30750*	545	7 1/2	81.0	35708	34145	32145	30368	27141	21191
60"	SXB60CBD10150	SXB60CBD30150*	275	1 1/2	64.0	23879	19746	10725	5394	2683	-
	SXB60CBD10200	SXB60CBD30200*	300	2	66.0	26050	22238	14927	8470	4649	2399
	SXB60CBD10300	SXB60CBD30300*	345	3	70.0	29957	26750	23322	14120	9596	6071
	SXB60CBD10500	SXB60CBD30500*	420	5	76.0	36470	34164	31028	28247	20069	15074
	SXB60CBD10750	SXB60CBD30750*	485	7 1/2	81.0	42114	40290	37542	35076	32620	26262

For three phase motors, substitute “*” with “M” for 230/460 volt (If 208V required please specify) or “P” for 575 volt
Fan blades tested in accordance with AMCA standard 210, figure 12
dBA ratings shown are measured at 0” static pressure and should be used as a guideline only

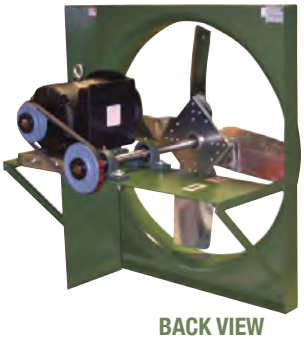


HV - BELT DRIVE WALL FANS

Designed for heavy duty commercial and industrial applications - Factories, Warehouses, Gymnasiums, Underground parking garages, etc.

These fans are typically used for high volume, high static pressure applications.
The HV series is designed and constructed for efficient and economical operations while maximizing performance for heavy duty applications.

This fan is used for exhaust applications.
Please consult factory for supply applications.



BACK VIEW

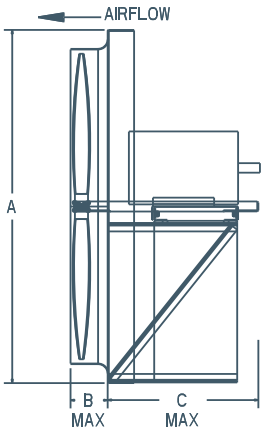
FEATURES

- Heavy gauge steel fan panel with deep spun and flared venturi for maximum efficiency.
- Heavy gauge welded steel motor and bearing supports.
- Galvanized heavy gauge steel fan blades that are statically and dynamically balanced.
- Heavy duty cast iron pillow block bearings.
- TEFC motors are standard.

Non-stock, made-to-order products are non-returnable and cannot be cancelled.

DIMENSIONS

MODEL	BLADE DIAMETER	A X A SQUARE	B	C (BELT DRIVE MOTOR FRAME)	
				56 - 184	213 - 286
HV24	24”	29.625"	4.0"	18"	--
HV30	30”	35.625"	4.5"	18"	--
HV36	36”	41.625"	5.0"	18"	28"
HV42	42”	47.625"	5.0"	18"	28"
HV48	48”	53.625"	5.0"	18"	28"
HV54	54”	59.657"	5.5"	18"	28"
HV60	60”	67.657"	6.0"	18"	28"



SPECIFICATIONS

BLADE DIAMETER	MODEL # SINGLE PHASE	MODEL # THREE PHASE	WEIGHT (LBS.)	RPM	H.P.	dBA @ 5 ft.	CFM @ STATIC PRESSURE 0"	1/8"	1/4"	3/8"	1/2"	5/8"	3/4"
24"	HV24T10100	HV24T30100*	139	1175	1.0	74	6750	6234	5797	4871	3748	3073	2544
	HV24T10150	HV24T30150*	118	1375	1.5	78	7898	7458	7049	6604	5824	4768	4049
	HV24T10200	HV24T30200*	162	1515	2.0	81	8703	8303	7906	7581	7051	6267	5310
	HV24T10300	HV24T30300*	175	1750	3.0	84	10053	9707	9360	9039	8757	8328	7784
30"	HV30T10100	HV30T30100*	155	890	1.0	73	9056	8192	6801	4896	3715	2647	1739
	HV30T10150	HV30T30150*	136	1085	1.5	78	11040	10331	9535	8237	6607	5385	4492
	HV30T10200	HV30T30200*	176	1230	2.0	82	12515	11890	11253	10427	9087	7663	6499
	HV30T10300	HV30T30300*	189	1405	3.0	85	14296	13749	13201	12588	11823	10713	9334
	HV30T10500	HV30T30500*	201	1695	5.0	90	17247	16793	16339	15886	15393	14829	14111
36"	HV36T10150	HV36T30150*	167	690	1.5	73	13129	11608	9045	6862	4705	3046	1938
	HV36T10200	HV36T30200*	211	790	2.0	77	15032	13734	12277	9437	7757	5722	4174
	HV36T10300	HV36T30300*	221	935	3.0	82	17791	16695	15526	14129	11533	9929	8689
	HV36T10500	HV36T30500*	233	1140	5.0	88	21962	20793	19893	18903	17883	15993	13983
	HV36T10750	HV36T30750*	322	1230	7.5	90	23404	22571	21737	20860	19915	18971	16876
42"	HV42T10150	HV42T30150*	210	555	1.5	72	15811	13791	10645	6799	4462	3004	1926
	HV42T10200	HV42T30200*	250	660	2.0	77	18802	17137	15196	11975	8648	6367	4833
	HV42T10300	HV42T30300*	262	785	3.0	82	22363	20945	19507	17747	15061	11594	9620
	HV42T10500	HV42T30500*	276	935	5.0	87	26636	25434	24286	23041	21550	19661	17023
	HV42T10750	HV42T30750*	382	1085	7.5	91	30909	29873	28861	27882	26753	25543	24157
48"	HV48T10200	HV48T30200*	275	635	2.0	80	26326	23713	21228	17948	12756	10669	8491
	HV48T10300	HV48T30300*	294	750	3.0	85	31094	28711	26930	24543	21753	17660	14025
	HV48T10500	HV48T30500*	309	875	5.0	89	36276	34042	32521	30974	28814	26521	23883
	HV48T10750	HV48T30750*	413	940	7.5	92	38970	36891	35374	33953	32194	30183	27942
54"	HV54T10200	HV54T30200*	354	405	2.0	70	22986	19134	11540	7965	5000	2787	-
	HV54T10300	HV54T30300*	372	505	3.0	78	28661	25723	22119	1E+05	12020	8757	6667
	HV54T10500	HV54T30500*	392	620	5.0	83	35188	32838	30203	27208	21951	16987	14820
	HV54T10750	HV54T30750*	502	720	7.5	88	40863	38809	36754	34382	31736	27780	21541
	HV54T11000	HV54T31000*	500	800	10.0	91	45404	43529	41789	39675	37594	35093	31863
60"	HV60T10300	HV60T30300*	404	395	3.0	73	32640	26769	17386	12768	8585	4871	-
	HV60T10500	HV60T30500*	412	510	5.0	81	42143	37596	32867	24495	19643	16488	13537
	HV60T10750	HV60T30750*	552	600	7.5	86	49580	45715	41850	36219	29660	24923	21797
	HV60T11000	HV60T31000*	557	670	10.0	89	55364	51903	48442	44980	38454	33060	28617
	-	HV60T31500*	641	740	15.0	93	61149	58015	54881	51747	48613	41937	36959

For three phase motors, substitute “*” with “M” for 230/460 volt (If 208V required please specify) or “P” for 575 volt
Fan blades tested in accordance with AMCA standard 210, figure 12
dBA ratings shown are measured at 0” static pressure and should be used as a guideline only

OPTIONS

For a complete listing of all available options, see **Wall Exhaust Options & Accessories.**



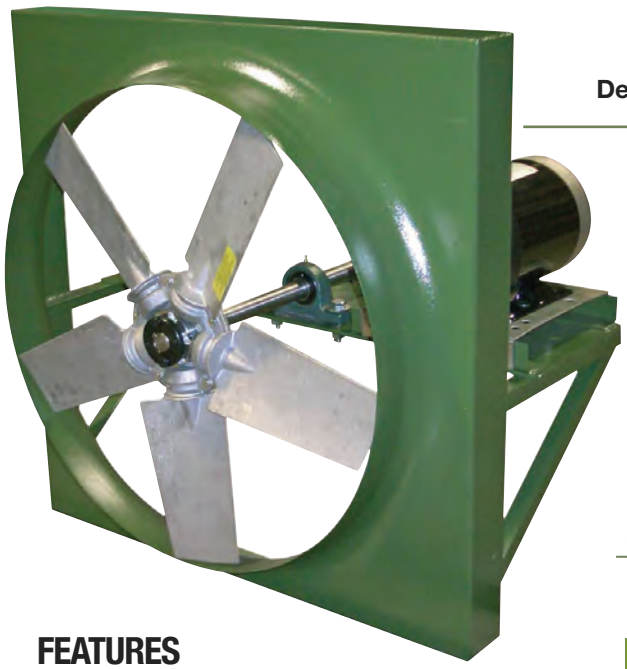
For fan complete with cabinet/guard and shutter, substitute “T” with CBS



For fan complete with front sleeve and shutter, substitute “T” with SLS



For fan with rear sleeve and back guard, substitute “T” with SLB



HVA - BELT DRIVE WALL FANS

Designed for heavy duty commercial and industrial exhaust applications.

Heavy duty airfoil-cast aluminum or anti-static glass reinforced nylon blades are standard on HVA series fans providing maximum performance at low sound levels.

These fans are typically used for high volume, high static pressure applications. The HVA is designed and constructed for efficient and economical operations while maximizing performance for heavy duty applications.

This fan is used for exhaust applications.

Please consult factory for supply applications.

OPTIONAL - Reversing blades available on 30", 36", 42' and 48" models. Please consult factory for details.



BACK VIEW

FEATURES

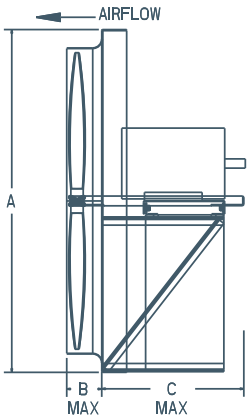
- Heavy gauge steel fan panel with deep spun and flared venturi for maximum efficiency.
- Heavy gauge welded steel motor and bearing supports.
- Balanced cast aluminum airfoil blades (24" - 48").
- Electro anti-static glass reinforced nylon blades available in 54" - 60".
- Heavy duty cast iron pillow block bearings.
- TEFC motors are standard.

Reversing fan with cabinet will be a steel control damper.

Non-stock, made-to-order products are non-returnable and cannot be cancelled.

DIMENSIONS

MODEL	BLADE DIAMETER	A X A SQUARE	B	C (BELT DRIVE MOTOR FRAME)	
				56 - 184	213 - 286
HVA24	24"	29.625"	4.0"	18"	--
HVA30	30"	35.625"	4.5"	18"	--
HVA36	36"	41.625"	5.0"	18"	28"
HVA42	42"	47.625"	5.0"	18"	28"
HVA48	48"	53.625"	5.0"	18"	28"
HVA54	54"	59.657"	5.5"	18"	28"
HVA60	60"	67.657"	6.0"	18"	28"



SPECIFICATIONS

BLADE DIAMETER	MODEL # SINGLE PHASE	MODEL # THREE PHASE	MODEL # THREE PHASE REVERSING BLADE	WEIGHT (LBS.)	RPM	H.P.	dBA @ 5 ft.	CFM @ STATIC PRESSURE 0"	1/8"	1/4"	3/8"	1/2"	3/4"
24"	HVA24T10075	HVA24T30075*	-	113	1180	3/4	65	6750	6325	5880	5360	4700	2180
	HVA24T10100	HVA24T30100*	-	132	1295	1.0	67	7400	7020	6620	6180	5690	4690
	HVA24T10150	HVA24T30150*	-	114	1475	1.5	70	8430	8090	7680	7390	7000	6010
	HVA24T10200	HVA24T30200*	-	153	1620	2.0	72	9260	8960	8640	8330	7990	7220
	HVA24T10300	HVA24T30300*	-	165	1890	3.0	76	10800	10670	10290	10060	9730	8890
30"	HVA30T10100	HVA30T30100*	HVAR30T30100*	145	965	1.0	66	10800	10050	9190	8100	6610	2620
	HVA30T10150	HVA30T30150*	HVAR30T30150*	127	1095	1.5	69	12320	11650	11000	10130	9140	5210
	HVA30T10200	HVA30T30200*	HVAR30T30200*	169	1225	2.0	71	13810	13170	12550	11930	11100	9120
	HVA30T10300	HVA30T30300*	HVAR30T30300*	180	1380	3.0	74	15490	14910	14540	13930	13270	11790
	HVA30T10500	HVA30T30500*	HVAR30T30500*	191	1635	5.0	78	18410	17850	17540	17160	16590	15470
36"	HVA36T10150	HVA36T30150*	HVAR36T30150*	157	830	1.5	69	16300	14950	13590	11730	8430	4610
	HVA36T10200	HVA36T30200*	HVAR36T30200*	199	910	2.0	71	17820	16650	15420	13980	12190	7310
	HVA36T10300	HVA36T30300*	HVAR36T30300*	212	1045	3.0	74	20490	19220	18410	17550	16020	12050
	HVA36T10500	HVA36T30500*	HVAR36T30500*	223	1245	5.0	78	24410	23610	22650	21780	20070	18650
	HVA36T10750	HVA36T30750*	HVAR36T30750*	312	1425	7.5	80	27930	27110	26380	27790	24830	23230
42"	HVA42T10150	HVA42T30150*	HVAR42T30150*	190	695	1.5	69	18710	17040	14780	10950	6910	-
	HVA42T10200	HVA42T30200*	HVAR42T30200*	231	770	2.0	71	20690	19920	17310	15080	11320	4820
	HVA42T10300	HVA42T30300*	HVAR42T30300*	243	895	3.0	73	24120	22840	21430	19620	17680	10290
	HVA42T10500	HVA42T30500*	HVAR42T30500*	255	1005	5.0	75	27070	25980	24640	23230	21810	17750
	HVA42T10750	HVA42T30750*	HVAR42T30750*	351	1205	7.5	79	32420	31520	30640	29530	28290	25760
	HVA42T11000	HVA42T3100*	HVAR42T3100*	364	1335	10.0	81	35910	35170	34340	33410	32390	30120
48"	HVA48T10200	HVA48T30200*	HVAR48T30200*	273	645	2.0	68	22430	20350	18290	15340	11070	3560
	HVA48T10300	HVA48T30300*	HVAR48T30300*	284	745	3.0	71	25790	24330	22450	20510	17880	10780
	HVA48T10500	HVA48T30500*	HVAR48T30500*	295	885	5.0	75	30710	29440	27810	26370	24690	20570
	HVA48T10750	HVA48T30750*	HVAR48T30750*	393	1005	7.5	78	34830	33850	32310	31080	29810	26690
	HVA48T11000	HVA48T31000*	HVAR48T31000*	404	1105	10.0	80	38300	37240	36210	34760	33670	31090
	-	HVA48T31500*	HVAR48T31500*	516	1265	15.0	83	43870	42900	42230	40860	39850	37760
54"	HVA54T10300	HVA54T30300*	-	339	595	3.0	74	33120	30150	26930	22950	16680	5610
	HVA54T10500	HVA54T30500*	-	346	710	5.0	76	39490	37130	34510	31680	28620	18600
	HVA54T10750	HVA54T30750*	-	480	810	7.5	78	45020	42890	40760	38660	35890	29810
	HVA54T11000	HVA54T31000*	-	483	905	10.0	81	50330	48450	46590	44640	42420	37520
	-	HVA54T31500*	-	559	1025	15.0	86	57010	55520	53850	52110	50170	46260
60"	HVA60T10500	HVA60T30500*	-	377	605	5.0	74	47580	44240	40920	36300	29670	16490
	HVA60T10750	HVA60T30750*	-	508	690	7.5	76	54300	51240	48620	45760	41310	27620
	HVA60T11000	HVA60T31000*	-	520	755	10.0	78	59420	56770	54150	51490	48410	39330
	-	HVA60T31500*	-	605	870	15.0	81	68490	66320	63840	61710	59300	53450
	-	HVA60T32000*	-	670	955	20.0	84	75110	73090	70670	68880	67010	62340

For three phase motors, substitute "*" with "M" for 230/460 volt (If 208V required please specify) or "P" for 575 volt
Fan blades tested in accordance with AMCA standard 210, figure 12
dBA ratings shown are measured at 0" static pressure and should be used as a guideline only

OPTIONS

For a complete listing of all available options, see **Wall Exhaust Options & Accessories.**



For fan complete with cabinet/guard and shutter, substitute "T" with CBS



For fan complete with front sleeve and shutter, substitute "T" with SLS



For fan with rear sleeve and back guard, substitute "T" with SLB



ADD - DIRECT DRIVE WALL FANS

Designed for heavy duty commercial and industrial applications - Factories, Warehouses, Gymnasiums, Underground parking garages, etc.

These fans are typically used for high volume, high static pressure applications. The series ADD is designed and constructed for efficient & economical operations and is direct drive, therefore requiring little or no maintenance. Heavy duty airfoil cast aluminum blades are standard to ADD series fans providing maximum performance at low sound levels.

This fan is used for exhaust applications.
Please consult factory for supply applications.

OPTIONAL - Reversing blades available on 30", 36", 42' and 48" models. Consult factory for details.



BACK VIEW

FEATURES

- Heavy gauge steel fan panel with deep spun and flared venturi for maximum efficiency.
- Heavy gauge welded steel motor supports.
- Cast aluminum airfoil blades.
- TEFC motors are standard.

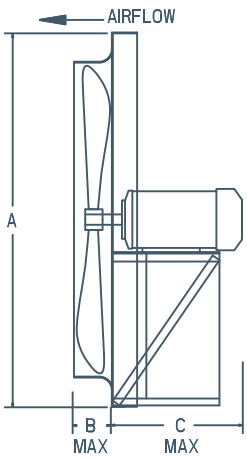
These fans can be combined with Explosion Proof Motors for use in hazardous locations. Please consult factory.

Reversing fan with cabinet will be a steel control damper.

Non-stock, made-to-order products are non-returnable and cannot be cancelled.

DIMENSIONS

MODEL	BLADE DIAMETER	A X A SQUARE	B	C (DIRECT DRIVE MOTOR FRAME)		
				56 - 184	213 - 215	254 - 286
ADD12	12"	16.125"	2.0"	13"	--	--
ADD14	14"	18.125"	2.5"	13"	--	--
ADD16	16"	20.125"	3.0"	13"	--	--
ADD18	18"	22.125"	3.0"	13"	--	--
ADD20	20"	24.125"	3.5"	13"	--	--
ADD24	24"	29.625"	4.0"	13"	14"	--
ADD30	30"	35.625"	4.5"	13"	14"	25"
ADD36	36"	41.625"	5.0"	13"	14"	25"
ADD42	42"	47.625"	5.0"	13"	14"	25"
ADD48	48"	53.625"	5.0"	--	14"	25"



SPECIFICATIONS

BLADE DIAMETER	MODEL # SINGLE PHASE	MODEL # THREE PHASE	MODEL # THREE PHASE REVERSING BLADE	WEIGHT (LBS.)	RPM	H.P.	dBA @ 5 ft.	CFM @ STATIC PRESSURE 0"	1/8"	1/4"	1/2"	3/4"	1"	1 1/4"
12"	ADD12T10033C	ADD12T30033C*	-	40	1140	1/3	45	990	760	102	-	-	-	-
	ADD12T10033B	ADD12T30033B*	-	34	1750	1/3	55	1450	1340	1230	313	-	-	-
14"	ADD14T10033C	ADD14T30033C*	-	42	1140	1/3	49	1450	1190	443	-	-	-	-
	ADD14T10033B	ADD14T30033B*	-	34	1750	1/3	58	2220	2070	1920	1350	512	185	-
16"	ADD16T10033C	ADD16T30033C*	-	46	1140	1/3	53	2150	1960	1640	340	-	-	-
	ADD16T10050B	ADD16T30050B*	-	38	1750	1/2	63	3300	3180	3040	2690	1750	825	370
18"	ADD18T10033C	ADD18T30033C*	-	47	1140	1/3	57	2990	2740	2450	845	-	-	-
	ADD18T10075B	ADD18T30075B*	-	40	1750	3/4	67	4590	4440	4280	3910	3260	1750	-
20"	ADD20T10033C	ADD20T30033C*	-	50	1140	1/3	62	4530	3920	3180	739	-	-	-
	ADD20T10100B	ADD20T30100B*	-	61	1750	1	72	6950	6570	6155	5300	3225	1860	853
24"	ADD24T10050C	ADD24T30050C*	-	91	1140	1/2	59	4990	4610	4180	2920	1210	-	-
	ADD24T10100C	ADD24T30100C*	-	125	1140	1	65	6520	6090	5630	4380	1920	813	-
	-	ADD24T30150C*	-	117	1140	1.5	67	8710	8190	7630	6020	2380	720	-
	ADD24T10150B	ADD24T30150B*	-	71	1750	1.5	68	7660	7430	7160	6620	5980	5170	4020
	ADD24T10200B	ADD24T30200B*	-	113	1750	2	73	9210	8950	8660	8090	7470	6660	5540
	ADD24T10300B	ADD24T30300B*	-	125	1750	3	75	11500	11220	10900	10200	9490	8680	7540
30"	ADD30T10100C	ADD30T30100C*	ADDR30T30100C*	138	1140	1	65	8680	8110	7480	6000	3630	1550	-
	-	ADD30T30150C*	ADDR30T30150C*	131	1140	1.5	69	11800	11230	10600	8950	6070	3070	-
	-	ADD30T30200C*	ADDR30T30200C*	149	1140	2	70	12780	12170	11490	9850	7320	3620	-
	ADD30T10300B	ADD30T30300B*	ADDR30T30300B*	139	1750	3	74	13300	12950	12550	11700	11000	9980	8830
		ADD30T30500B*	ADDR30T30500B*	149	1750	5	78	18200	17790	17350	16550	15200	14600	13880
36"	-	ADD36T30200C*	ADDR36T30200C*	180	1140	2	73	14000	13240	12400	10600	8390	5530	-
	-	ADD36T30300C*	ADDR36T30300C*	212	1140	3	74	19400	18520	17550	15600	13100	8980	6450
	-	ADD36T30500C*	ADDR36T30500C*	223	1140	5	76	23600	22870	22050	19700	16850	11700	9220
	ADD36T10500B	ADD36T30500B*	ADDR36T30500B*	180	1750	5	75	16200	15730	15200	14200	12800	12200	11050
	ADD36T10750B	ADD36T30750B*	ADDR36T30750B*	245	1750	7.5	82	21500	20980	20400	19400	18350	17100	15850
	ADD36T11000B	ADD36T31000B*	ADDR36T31000B*	255	1750	10	83	29700	29160	28550	27300	26150	24900	23700
42"	-	ADD42T30200D*	ADDR42T30200D*	233	860	2	70	19200	17830	16300	12400	6720	-	-
	-	ADD42T30300D*	ADDR42T30300D*	233	860	3	72	23210	21800	20230	16280	8980	3940	-
	-	ADD42T30500D*	ADDR42T30500D*	353	860	5	75	28900	27340	25600	20800	11100	6290	-
	-	ADD42T30500C*	ADDR42T30500C*	236	1140	5	76	25500	24580	23550	21100	18300	14200	10100
	-	ADD42T30750C*	ADDR42T30750C*	258	1140	7.5	78	30690	29770	28750	26190	23350	19410	12780
	-	ADD42T31000B*	ADDR42T31000B*	254	1750	10	83	26700	25990	25200	23750	22380	21100	19570
	-	ADD42T31500B*	ADDR42T31500B*	380	1750	15	85	39100	38620	38080	36700	34640	33500	32040
48"	-	ADD48T30500D*	ADDR48T30500D*	382	860	5	75	29820	28450	26940	23790	16820	12790	6740
	-	ADD48T30750D*	ADDR48T30750D*	507	860	7.5	77	35700	34160	32450	28600	22400	16800	8270
	-	ADD48T31000C*	ADDR48T31000C*	425	1140	10	81	39500	38500	37400	35000	32700	29800	26050
	-	ADD48T31500C*	ADDR48T31500C*	570	1140	15	83	47300	46230	45050	42300	38600	36200	33490
	-	ADD48T32000C*	ADDR48T32000C*	596	1140	20	85	53900	52740	51450	48400	45200	42300	37120

For three phase motors, substitute "*" with "M" for 230/460 volt (If 208V required please specify) or "P" for 575 volt
Fan blades tested in accordance with AMCA standard 210, figure 12
dBA ratings shown are measured at 0" static pressure and should be used as a guideline only

OPTIONS

For a complete listing of all available options, see **Wall Exhaust Options & Accessories.**



For fan complete with cabinet/guard and shutter, substitute "T" with CBS



For fan complete with front sleeve and shutter, substitute "T" with SLS



For fan with rear sleeve and back guard, substitute "T" with SLB



DDP - DIRECT DRIVE WALL FANS

Designed for heavy duty commercial and industrial applications - Factories, Warehouses, Gymnasiums, Underground parking garages, etc.

The DDP fan utilizes a fiberglass reinforced polypropylene blade that runs more efficiently and quieter than steel fan blades.

Available in 12" - 24" blade sizes and 1/4 - 2 HP motor sizes.

This fan is used for exhaust applications.
Please consult factory for supply applications.



BACK VIEW

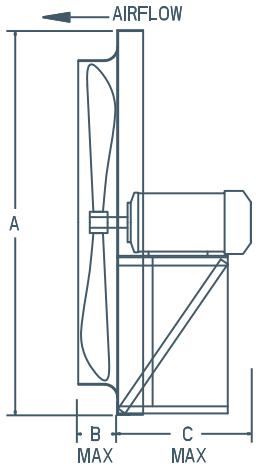
FEATURES

- Heavy gauge steel fan panel with deep spun and flared venturi for maximum efficiency.
- Heavy gauge welded steel motor supports.
- Fiberglass reinforced polypropylene blades.
- TEFC motors are standard.

Non-stock, made-to-order products are non-returnable and cannot be cancelled.

DIMENSIONS

MODEL	BLADE DIAMETER	A X A SQUARE	B	C (DIRECT DRIVE MOTOR FRAME)	
				56 - 184	213 - 215
DDP12	12"	16.125"	2.0"	13"	--
DDP14	14"	18.125"	2.5"	13"	--
DDP16	16"	20.125"	3.0"	13"	--
DDP18	18"	22.125"	3.0"	13"	--
DDP20	20"	24.125"	3.5"	13"	--
DDP24	24"	29.625"	4.0"	13"	14"



SPECIFICATIONS

BLADE DIAMETER		MODEL # SINGLE PHASE	MODEL # THREE PHASE	RPM	H.P.	dBA @ 5 ft.	CFM @ STATIC PRESSURE 0"	1/4"	1/2"	3/4"	1"	1 1/4"
	12"	DDA12T10033B	DDA12T30033B*	1750	1/3	49	1450	1230	313	-	-	-
		DDA12T10200A	DDA12T30200A*	3450	2.0	72	2860	2740	2640	2530	2410	2140
	14"	DDA14T10033C	DDA14T30033C*	1140	1/3	53	1450	443	-	-	-	-
		DDA14T10033B	DDA14T30033B*	1750	1/3	60	2220	1920	1350	512	185	-
	15"	DDA15T10033B	DDA15T30033B*	1750	1/3	65	2630	2320	1840	-	-	-
	16"	DDA16T10033C	DDA16T30033C*	1140	1/3	56	2150	1640	340	-	-	-
		DDA16T10050B	DDA16T30050B*	1750	1/2	66	3300	3040	2690	1750	825	370
	18"	DDA18T10033C	DDA18T30033C*	1140	1/3	59	2990	2450	845	-	-	-
		DDA18T10075B	DDA18T30075B*	1750	3/4	71	4590	4280	3910	3260	1750	-
	20"	DDA20T10033C	DDA20T30033C*	1140	1/3	60	4530	3180	739	-	-	-
		DDA20T10100B	DDA20T30100B*	1750	1.0	76	6950	6155	5300	3225	1860	853
		DDA20T10200B	DDA20T30200B*	1750	2.0	78	7893	7486	6506	5336	4060	2513
	24"	DDA24T10050C	DDA24T30050C*	1140	1/2	52	4990	4180	2920	1210	-	-
		DDA24T10100C	DDA24T30100C*	1140	1.0	57	6520	5630	4380	1920	813	-
		DDA24T10150C	DDA24T30150C*	1140	1.5	61	8710	7630	6020	2380	720	-
		DDA24T10150B	DDA24T30150B*	1750	1.5	65	7660	7160	6620	5980	5170	4020
		DDA24T10200B	DDA24T30200B*	1750	2.0	66	9210	8660	8090	7470	6660	5540
		DDA24T10300B	DDA24T30300B*	1750	3.0	71	11500	10900	10200	9490	8680	7540
	30"	DDA30T10100C	DDA30T30100C*	1140	1.0	57	8680	7480	6000	3630	1550	-
		DDA30T10150C	DDA30T30150C*	1140	1.5	61	11800	10600	8950	6070	3070	-
			DDA30T30200C*	1140	2.0	62	12780	11490	9850	7320	3620	-
		-	DDA30T30300C*	1140	3.0	68	16400	14700	12700	6840	4120	-
		DDA30T10300B	DDA30T30300B*	1750	3.0	69	13300	12550	11700	11000	9980	8830
		DDA30T10500B	DDA30T30500B*	1750	5.0	73	18200	17350	16550	15200	14600	13880
		DDA30T10750B	DDA30T30750B*	1750	7.5	77	22600	21980	20650	19030	18300	17550
	34"	-	DDA34T30200C*	1140	2.0	64	15300	13800	12000	10490	6070	3440
		-	DDA34T30300C*	1140	3.0	67	19300	17700	15600	12900	8620	6110
		-	DDA34T30500C*	1140	5.0	70	22500	20550	18300	13100	10200	6860
		DDA34T10500B	DDA34T30500B*	1750	5.0	76	18700	17820	16800	15700	14600	13660
		DDA34T10750B	DDA34T30750B*	1750	7.5	76	23500	22600	21500	20400	19300	18160
		-	DDA34T31000B*	1750	10.0	78	27800	26750	25500	24250	23300	22150
		-	DDA34T31500B*	1750	15.0	81	31300	30300	29100	28250	26600	25130
	36"	-	DDA36T30200C*	1140	2.0	66	14000	12400	10600	8390	5530	-
		-	DDA36T30300C*	1140	3.0	67	19400	17550	15600	13100	8980	6450
		-	DDA36T30500C*	1140	5.0	68	23600	22050	19700	16850	11700	9220
		DDA36T10500B	DDA36T30500B*	1750	5.0	70	16200	15200	14200	12800	12200	11050
		-	DDA36T30750C*	1140	7.5	72	26100	23800	21600	18350	12900	9730
		DDA36T10750B	DDA36T30750B*	1750	7.5	78	21500	20400	19400	18350	17100	15850
		-	DDA36T31000B*	1750	10.0	79	29700	28550	27300	26150	24900	23700
		-	DDA36T31500B*	1750	15.0	81	34320	32960	31970	30680	29280	28030
	42"	-	DDA42T30200D*	860	2.0	61	19200	16300	12400	6720	-	-
		-	DDA42T30300D*	860	3.0	63	23210	20230	16280	8980	3940	-
		-	DDA42T30500D*	860	5.0	66	28900	25600	20800	11100	6290	-
		-	DDA42T30500C*	1140	5.0	68	25500	23550	21100	18300	14200	10100
		-	DDA42T30750C*	1140	7.5	70	30690	28750	26190	23350	19410	12780
		-	DDA42T31000C*	1140	10.0	73	38300	35700	33100	29450	23000	15400
		-	DDA42T31000B*	1750	10.0	76	26700	25200	23750	22380	21100	19570
		-	DDA42T31500B*	1750	15.0	80	39100	38080	36700	34640	33500	32040
		-	DDA42T32000B*	1750	20.0	82	43300	42280	40860	39170	37600	36140
	48"	-	DDA48T30500D*	860	5.0	66	29820	26940	23790	12790	12790	6740
		-	DDA48T30750D*	860	7.5	68	35700	32450	28600	16800	16800	8270
		-	DDA48T31000C*	1140	10.0	74	39500	37400	35000	29800	29800	26050
		-	DDA48T31500C*	1140	15.0	76	47300	45050	42300	36200	36200	33490
		-	DDA48T32000C*	1140	20.0	79	53900	51450	48400	42300	42300	37120

For three phase motors, substitute "*" with "M" for 230/460 volt (If 208V required please specify) or "P" for 575 volt
Fan blades tested in accordance with AMCA standard 210, figure 12
dBA ratings shown are measured at 0" static pressure and should be used as a guideline only

OPTIONS

For a complete listing of all available options, see **Wall Exhaust Options & Accessories.**



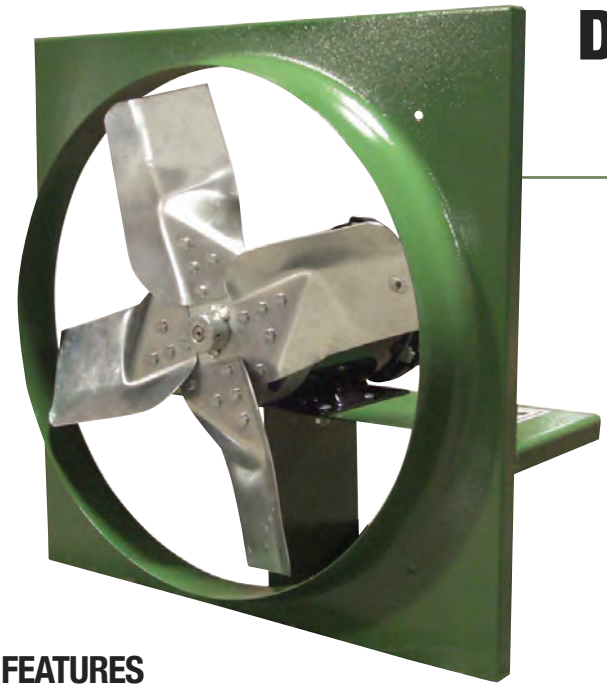
For fan complete with cabinet/guard and shutter, substitute "T" with CBS



For fan complete with front sleeve and shutter, substitute "T" with SLS



For fan with rear sleeve and back guard, substitute "T" with SLB



DDS - DIRECT DRIVE WALL FANS

Designed for heavy duty commercial and industrial applications - Factories, Warehouses, Gymnasiums, Underground parking garages, etc.

The DDS fan utilizes a steel fan blade for efficient and economical operations and is direct drive, therefore requiring little to no maintenance.

This fan is used for exhaust applications.
Please consult factory for supply applications.



BACK VIEW

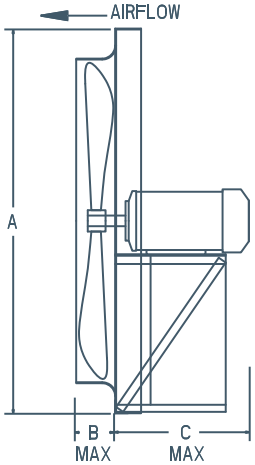
FEATURES

- Heavy gauge steel fan panel with deep spun and flared venturi for maximum efficiency.
- Heavy gauge welded steel motor supports.
- Galvanized, heavy gauge steel blades that are statically and dynamically balanced.
- TEFC motors are standard.

Non-stock, made-to-order products are non-returnable and cannot be cancelled.

DIMENSIONS

MODEL	BLADE DIAMETER	A X A SQUARE	B	C (DIRECT DRIVE MOTOR FRAME)		
				56 - 184	213 - 215	254 - 286
DDS12	12"	16.125"	2.0"	13"	--	--
DDS14	14"	18.125"	2.5"	13"	--	--
DDS16	16"	20.125"	3.0"	13"	--	--
DDS18	18"	22.125"	3.0"	13"	--	--
DDS20	20"	24.125"	3.5"	13"	--	--
DDS24	24"	29.625"	4.0"	13"	14"	--
DDS30	30"	35.625"	4.5"	13"	14"	25"
DDS36	36"	41.625"	5.0"	13"	14"	25"
DDS42	42"	47.625"	5.0"	13"	14"	25"
DDS48	48"	53.625"	5.0"	--	14"	25"



SPECIFICATIONS

BLADE DIAMETER	MODEL # SINGLE PHASE	MODEL # THREE PHASE	WEIGHT (LBS.)	RPM	H.P.	dBA @ 5 ft.	CFM @ STATIC PRESSURE 0"	1/8"	1/4"	3/8"	1/2"	5/8"	3/4"
12"	DDS12T1033C	DDS12T3033C*	42	1140	1/3	53	940	647	325	-	-	-	-
	DDS12T1033B	DDS12T3033B*	34	1750	1/3	65	1422	1285	1062	697	587	419	234
14"	DDS14T1033C	DDS14T3033C*	45	1140	1/3	58	1346	1082	624	395	111	-	-
	DDS14T1033B	DDS14T3033B*	38	1750	1/3	67	2037	1879	1705	1417	1032	882	733
16"	DDS16T1033C	DDS16T3033C*	50	1140	1/3	63	1981	1660	1064	765	463	133	-
	DDS16T1033B	DDS16T3033B*	42	1750	1/3	72	2992	2841	2607	2223	1808	1521	1314
18"	DDS18T1033C	DDS18T3033C*	52	1140	1/3	64	2654	2331	1606	1077	745	449	228
	DDS18T1050B	DDS18T3050B*	44	1750	1/2	74	4016	3816	3594	3304	2934	2173	1814
20"	DDS20T1033C	DDS20T3033C*	56	1140	1/3	69	3561	3210	2734	1774	1350	986	675
	DDS20T1100B	DDS20T3100B*	67	1750	1	78	5389	5162	4926	4674	4350	3951	3191
24"	DDS24T1075C	DDS24T3075C*	100	1140	3/4	73	6549	6017	5527	4482	3454	2801	2226
	DDS24T1100B	DDS24T3100B*	93	1750	1	81	6761	6453	6128	5792	5291	4802	4316
	DDS24T1300B	DDS24T3300B*	132	1750	3	84	9909	9558	9207	8886	8599	8131	7576
30"	-	DDS30T3150C*	139	1140	1.5	79	11600	10925	10193	9127	7504	6177	5178
	DDS30T1500B	DDS30T3500B*	157	1750	5	90	17552	17106	16661	16215	15745	15190	14541
36"	-	DDS36T3200D*	230	860	2	80	16364	15172	13864	11597	9443	8094	6134
	-	DDS36T3500C*	233	1140	5	88	21692	20793	19893	18903	17883	15993	13983
42"	-	DDS42T3500D*	371	860	5	85	24499	23193	21957	20490	18660	15890	12704
	-	DDS42T3500C*	253	1140	5	88	23209	22619	21962	21019	19925	18829	17519
48"	-	DDS48T3750D*	520	860	7.5	89	35654	33411	31857	30219	28021	25622	22628
	-	DDS48T3750C*	398	1140	7.5	92	32563	31677	30688	29636	28562	27222	25795

For three phase motors, substitute "*" with "M" for 230/460 volt (If 208V required please specify) or "P" for 575 volt
Fan blades tested in accordance with AMCA standard 210, figure 12
dBA ratings shown are measured at 0" static pressure and should be used as a guideline only

OPTIONS

For a complete listing of all available options, see **Wall Exhaust Options & Accessories.**



For fan complete with cabinet/guard and shutter, substitute "T" with CBS



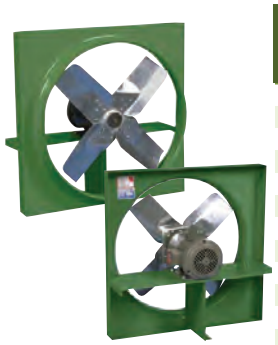
For fan complete with front sleeve and shutter, substitute "T" with SLS



For fan with rear sleeve and back guard, substitute "T" with SLB

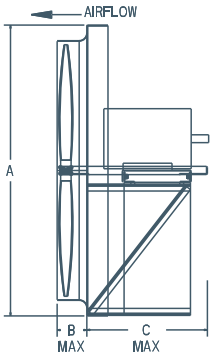
WALL EXHAUST FANS & VENTURI DIMENSIONS FOR STANDARD OPTIONS

VENTURI

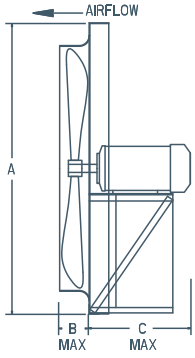


BLADE DIAMETER	A X A SQUARE	B	C				
			BELT DRIVE MOTOR FRAME		DIRECT DRIVE MOTOR FRAME		
			56 - 184	213 - 286	56 - 184	213 - 215	254 - 286
12"	16.125"	2.0"	--	--	13"	--	--
14"	18.125"	2.5"	--	--	13"	--	--
16"	20.125"	3.0"	--	--	13"	--	--
18"	22.125"	3.0"	--	--	13"	--	--
20"	24.125"	3.5"	--	--	13"	--	--
24"	29.625"	4.0"	18"	--	13"	14"	--
30"	35.625"	4.5"	18"	--	13"	14"	25"
36"	41.625"	5.0"	18"	28"	13"	14"	25"
42"	47.625"	5.0"	18"	28"	13"	14"	25"
48"	53.625"	5.0"	18"	28"	--	14"	25"
54"	59.657"	5.5"	18"	28"	--	--	--
60"	67.657"	6.0"	18"	28"	--	--	--

BELT DRIVE



DIRECT DRIVE

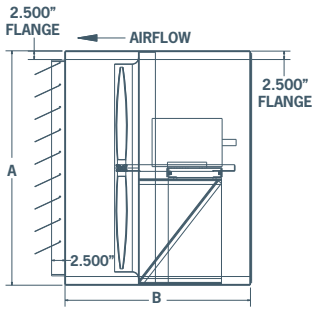


CABINET, BACK GUARD & SHUTTER (CBS)

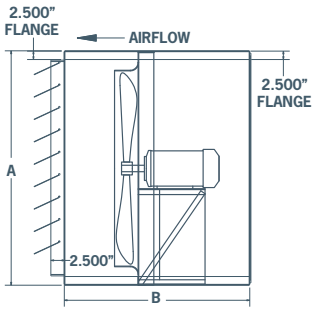


BLADE DIAMETER	A X A SQUARE	B				
		BELT DRIVE MOTOR FRAME		DIRECT DRIVE MOTOR FRAME		
		56 - 184	213 - 286	56 - 184	213 - 215	254 - 286
12"	16.375"	--	--	26"	--	--
14"	18.375"	--	--	26"	--	--
16"	20.375"	--	--	26"	--	--
18"	22.375"	--	--	26"	--	--
20"	24.375"	--	--	26"	--	--
24"	29.875"	33"	--	33"	33"	--
30"	35.875"	33"	--	33"	33"	43"
36"	41.875"	33"	43"	33"	33"	43"
42"	47.875"	33"	43"	33"	33"	43"
48"	53.875"	33"	43"	--	33"	43"
54"	59.9375"	33"	43"	--	--	--
60"	67.9375"	33"	43"	--	--	--

BELT DRIVE



DIRECT DRIVE

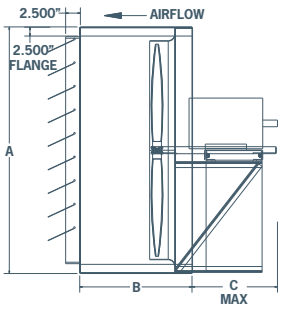


FRONT SLEEVE & SHUTTER (SLS)

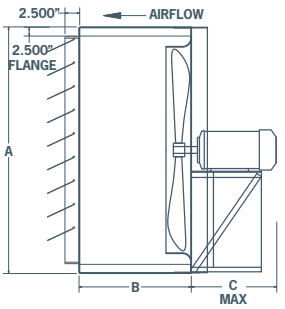


BLADE DIAMETER	A X A SQUARE	B	C				
			BELT DRIVE MOTOR FRAME		DIRECT DRIVE MOTOR FRAME		
			56 - 184	213 - 286	56 - 184	213 - 215	254 - 286
12"	16.375"	15.0"	--	--	12"	--	--
14"	18.375"	15.0"	--	--	12"	--	--
16"	20.375"	15.0"	--	--	12"	--	--
18"	22.375"	15.0"	--	--	12"	--	--
20"	24.375"	15.0"	--	--	12"	--	--
24"	29.875"	19.0"	15"	--	10"	11"	--
30"	35.875"	19.0"	15"	--	10"	11"	22"
36"	41.875"	19.0"	15"	25"	10"	11"	22"
42"	47.875"	19.0"	15"	25"	10"	11"	22"
48"	53.875"	19.0"	15"	25"	--	11"	22"
54"	59.9375"	19.0"	15"	25"	--	--	--
60"	67.9375"	19.0"	15"	25"	--	--	--

BELT DRIVE



DIRECT DRIVE

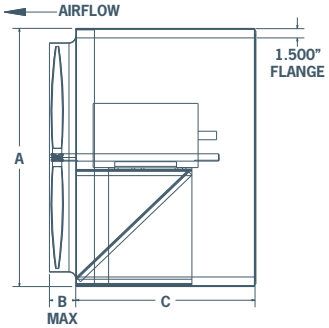


REAR SLEEVE & BACK GUARD (SLB)

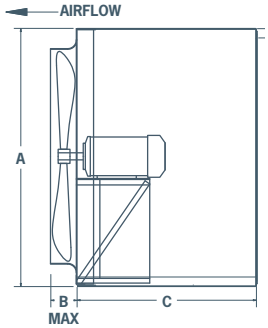


BLADE DIAMETER	A X A SQUARE	B	C				
			BELT DRIVE MOTOR FRAME		DIRECT DRIVE MOTOR FRAME		
			56 - 184	213 - 286	56 - 184	213 - 215	254 - 286
12"	16.375"	2.0"	--	--	15"	--	--
14"	18.375"	2.5"	--	--	15"	--	--
16"	20.375"	3.0"	--	--	15"	--	--
18"	22.375"	3.0"	--	--	15"	--	--
20"	24.375"	3.5"	--	--	15"	--	--
24"	29.875"	4.0"	19"	--	19"	19"	--
30"	35.875"	4.5"	19"	--	19"	19"	29"
36"	41.875"	5.0"	19"	29"	19"	19"	29"
42"	47.875"	5.0"	19"	29"	19"	19"	29"
48"	53.875"	5.0"	19"	29"	--	19"	29"
54"	59.9375"	5.5"	19"	29"	--	--	--
60"	67.9375"	6.0"	19"	29"	--	--	--

BELT DRIVE



DIRECT DRIVE



OPTIONS & ACCESSORIES

CABINET, BACK GUARD & SHUTTER (CBS)




REAR SLEEVE & BACK GUARD (SLB)




FRONT SLEEVE & SHUTTER (SLS)




MOTOR OPTIONS

TWO SPEED MOTOR

Two speed motors are available for some of Canarm/LFI's exhaust fans. 1800/1200 or 1800/900 RPM variable torque, single and three phase. Consult factory for available voltages and configurations.

EXPLOSION PROOF MOTORS

Some of Canarm/LFI exhaust fans can be equipped with Explosion Proof Motors for hazardous locations. Class I, Groups C & D - Class II, Groups F & G. Consult factory for models.

CLASS I, GROUP C	*Atmospheres containing ethyl ether, ethylene, gases or vapors of equivalent hazard.*
CLASS I, GROUP D	*Atmospheres such as acetone, ammonia, benzene, butane, cyclopropane, ethanol, gasoline, hexane, methane, natural gas,naphtha, propane, or gasses or vapors of equivalent hazard.*
CLASS II GROUP F	*Atmospheres containing carbonaceous dust, including carbon black, charcoal, coal, or coke dusts that have more than 8% total entrapped volatiles, or dusts that have been sensitized by other materials so that they present an explosion hazard.*
CLASS II GROUP G	*Atmospheres containing combustible dusts not included in group E or F, including flour, grain, wood, plastic and chemicals.*

STEEL CONTROL & MOTORIZED CONTROL DAMPERS



Motorized steel control dampers can be mounted in fan cabinet or sleeve in either exhaust or intake applications. Consult factory.

FIXED LOUVRES

Fixed louvres are available shipped loose or mounted in fan cabinet or sleeve for exhaust or intake applications. Consult factory.

GUARDS



FRONT GUARD

Front guards available. Consult factory.
Wire mesh not available on all sizes.

SPECIAL COATING

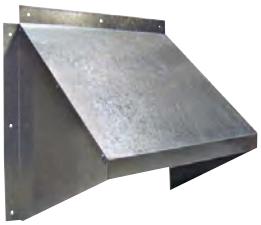
For most applications, Canarm LFI's standard enamel paint will provide the necessary surface protection for painted parts. For special requirements, coatings such as hot dipped galvanizing and epoxy, please consult factory.

DISCONNECT SWITCHES

Wire disconnect switches are available.
See **Controls & Thermostats** section for details.

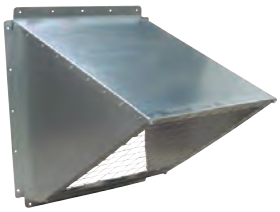
HOODS

GH GALVANIZED HOODS



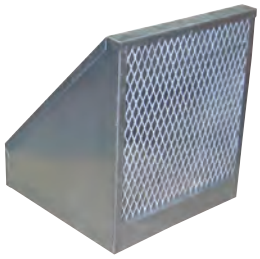
- Economical shipping.
- Easy to assemble, galvanized hood.
- No screens.

GH KNOCK DOWN HOODS



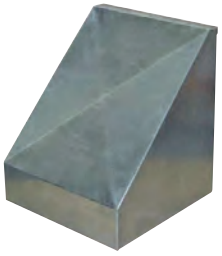
- Easy to assemble, galvanized hood.
- Includes bird screen.

WHA HOODS



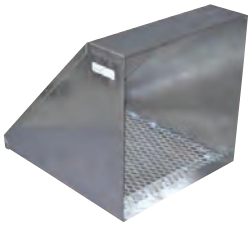
- For AX fans.
- Shipped fully assembled.
- 18 gauge galvanized weather hoods complete with bird screen.

WHP HOODS



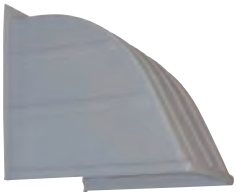
- Optional insect screen available. Consult factory.
- For Panel fans.

INTAKE & EXHAUST HOODS



- Shipped fully assembled.
- 18 gauge galvanized weather hoods complete with bird screen.

PLASTIC HOODS



- Rugged, grey plastic hood.
- No screens.

HOOD MODEL	DIMENSIONS		APPROX. WEIGHT (LBS)	FANS THAT WILL FIT
	INSIDE DIMENSIONS	OUTSIDE DIMENSIONS		
GH-XF12-M	14.75"W X 14.0"H	18"W X 15.75"H	4	XF12 / XB12 / SD8 / SD10 / AX8 / AX10 / AX12
GH-XF16-M	18.75"W 17.75"H	22"W X 19.75"H	7	XF16 / XB12 / HV12 / HVA12 / ADD12 / DDP12 / DDS12 / SD12-14 / AX14-16
GH-XF20-M	22.75"W X 22"H	26"W X 23.75"H	9	XF20 / XB14 / XB16 / HV14-16 / HVA14-16/ ADD14-16 / DDP14-16 / DDS14-16 / SD16-18 / AX18-20
GH-XF24-M	26.75"W 26"H	29"W X 27.25"H	12	XFS24
GH KNOCK DOWN HOODS				
GH-KD24	31.65"W X 31.85"H	34.65"W X 34.83"H	31	XB24 / HV24 / HVA24 / ADD24 / DDP24/ DDS24 / SD24 / AX24
GH-KD36	43.62"W X 43.93"H	46.62"W X 46.82"H	75	XB30-36 / HV30-36 / HVA30-36 / ADD30-36 / DDS30-36 / SD30-36 / AX30-36 / AX42
GH-KD48	55.62"W X 55.25"H	58.62"W X 58.82"H	TBA	XB42-48 / HV42-48 / HVA42-48 / ADD42-48 / DDS42-48 / SD42 / AX42
GH-KD60	69.76"W X 69.92"H	72.76"W X 72.95"H	TBA	XB54-60 / HV54-60 / HVA54-60 / ADD54-60
WHA HOODS				
WHA8-10	12.11"W X 12.11"H		13	AX08-10, SD8
WHA12	14.05"W X 14.05"H		16	AX12, SD10
WHA14	16.11"W X 16.11"H		22	AX14, SD12
WHA16	18.11"W X 18.11"H		26	AX16, SD14
WHA18	20.11"W X 20.11"H		29	AX18, SD16
WHA20	22.05"W X 22.05"H		31	AX20, SD18
WHA24	26.05"W X 26.05"H		47	AX24
WHA30	33.05"W X 33.05"H		59	AX30
WHA36	39.11"W X 39.11"H		76	AX36
WHP HOODS				
WH8-10P	14.45"W x 14.45"H		20	P08 / P10
WH12P	17.40"W X 17.40"H		16	P12
WH14P	19.20"W X 19.20"H		24	P14
WH16P	21.20"W X 21.20"H		26	P16
WH18P	23.20"W X 23.20"H		29	P18
WH20P	25.20"W X 25.20"H		44	P20
WH24P	29.15"W X 29.15"H		44	P24
WH30P	35.65"W X 35.65"H		60	P30
WH36P	41.65"W X 41.65"H		77	P36
EXHAUST / INTAKE / WEATHER HOODS				
EH12	16.55"W X 16.55"H		9	XF12 / SD8-12 / AX8-14 / XB12 / HV12 / HVA12 / ADD12 / DDP12/ DDS12
EH14	18.60"W X 18.60"H		15	XB14 / HV14 / HVA14 / ADD14 / DDP14/ DDS14 / SD14 / XF16 / AX16
EH16	20.60"W X 20.60"H		20	AX18 / SD16 / XB16 / HV16 / HVA16 / ADD16 / DDP16 / DDS16
EH18	22.55"W X 22.55"H		31	SD18 / XB18 / HV18 / HVA18 / ADD18 / DDP18 / DDS18 / XF20 / AX20
EH20	24.55"W X 24.55"H		44	SD20 / XB20 / XF24 / HV20 / HVA20 / ADD20 / DDP20 / DDS20
EH24	30.05"W X 30.05"H		60	SD24 / AX24 / XB24 / ADD24 / HV24 / HVA24 / DDP24 / DDS24
EH30	36.35"W X 36.35"H		72	SD30 / AX30 / XB30 / HV30 / HVA30 / ADD30 / DDS30 / JFHVA24
EH36	42.30"W X 42.30"H		104	SD36 / AX36 / XB36 / HV36 / HVA36 / ADD36 / DDS36 / JFHVA30
EH42	48.63"W X 48.63"H		163	XB42 / HV42 / HVA42 / ADD42 / DDS42 / JFHVA36 / SD42 / AX42
EH48	54.64"W X 54.64"H		TBA	XB48 / HV48 / HVA48 / ADD48 / DDS48 / JFHVA42
EH54	61.20"W X 61.20"H		TBA	XB54 / HV54 / HVA54 / ADD54 / JFHVA48
EH60	69.39"W X 69.39"H		TBA	XB60 / HV60 / HVA60 / ADD60
PLASTIC HOODS				
HFP-18G	21.50"W X 21.75"H		9	S8 / S10 / S12 / S14 / S16 / S18 AX08 / AX10 /AX12 / AX14 / AX16 / AX18
HFP-24G	27.50"W X 27.75"H		13	S20 / S24 AX20 / AX24



AX - SHUTTER MOUNTED FANS

Designed for Industrial, Commercial & Farming applications.

The AX series exhaust fan is a sturdily constructed, direct drive, horizontal discharge fan that is typically used for general ventilation of factories, garages, warehouses and other industrial or commercial buildings. The AX fans are available in multiple single-speed variations as well as two-speed and variable speed models.
The AX series housings are constructed of heavy duty aluminum with built in shutters that automatically open when the fan starts and gravity closes when the fan stops.

Some models now available with optional DC volt motor. Call for details.



EXPLOSION PROOF MOTOR

Intertek

FEATURES

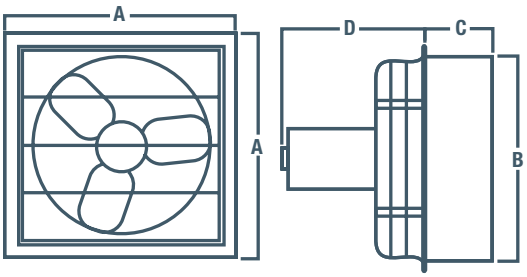
- Sturdily constructed from all-aluminum extrusions.
- 8" - 24" models have heavy wire chrome plated OSHA guards on intake side of fan.
  30", 36" & 42" models have grey powder coated guards.
- Totally enclosed air over motor with overload protection.
- Ships fully assembled.

FANS UP TO 24" CAN SHIP VIA UPS

DIMENSIONS

MODEL	A	B	C	D	
				AX	AX-4~
AX08	14 3/4"	11 3/4"	5"	7"	-
AX10	14 3/4"	11 3/4"	5"	7"	-
AX12	16 3/4"	13 3/4"	5"	11"	13 3/4"
AX14	18 3/4"	15 3/4"	5"	11"	13 3/4"
AX16	20 3/4"	17 3/4"	5"	11"	13 3/4"
AX18	22 3/4"	19 3/4"	5"	12"	14"
AX20	24 3/4"	21 3/4"	5"	12"	14"
AX24	28 3/4"	25 3/4"	5"	12"	13 3/4"
AX30	35 1/4"	32 3/4"	5"	13"	-
AX36	41 1/4"	38 3/4"	5"	12"	-
AX42	47 3/4"	44 3/4"	5"	11"	-

~ Explosion Proof Motor, 50 Hz or 3 phase



SPECIFICATIONS

SINGLE PHASE	THREE PHASE	BLADE DIAMETER	RPM	HP (SINGLE PHASE)	VOLTAGE (SINGLE PHASE)	AMPS (FLA) (SINGLE PHASE)	WEIGHT (LBS)	dB(A) @5 ft	CFM @ STATIC PRESSURE				FRAMING DIMENSIONS
									0.00"	0.10"	0.125"	0.25"	
SINGLE SPEED - VARIABLE SPEED FANS													
AX12-1V	AX12-1*	12"	1700	1/3	115/230	5.0/2.5	26	63	1650	1560	1525	1400	14" X 14"
AX12-1VHE	-	12"	1450	1/15	115	1.0	22	60	1350	1290	1275	1150	14" X 14"
AX14-1V	AX14-1*	14"	1700	1/3	115/230	5.0/2.5	29	67	2170	2030	1950	1900	16" X 16"
AX14-1VHE	-	14"	1450	1/15	115	1.0	25	64	1600	1525	1500	1300	16" X 16"
AX16-1V	AX16-1*	16"	1700	1/3	115/230	5.0/2.5	30	68	2570	2470	2410	2260	18" X 18"
AX16-1VHE	-	16"	1450	1/15	115	1.0	26	63	1850	1750	1700	1550	18" X 18"
AX18-1V	AX18-1*	18"	1700	1/3	115/230	3.8/1.9	36	71	3150	3000	2900	2575	20" X 20"
AX20-1V	AX20-1*	20"	1700	1/3	115/230	3.8/1.9	39	77	3620	3420	3340	3120	22" X 22"
AX24-1V	--	24"	1100	1/3	115/230	4.4/2.2	43	72	5500	5400	5310	5100	26" X 26"
--	AX24-1*	24"	1100	1/3	--	--	43	77	5500	5400	5310	5100	26" X 26"
SINGLE SPEED FANS													
AX12-2	--	12"	1625	1/4	115	2.7	27	63	1640	1540	1510	1390	14" X 14"
AX14-2	--	14"	1625	1/4	115	2.7	30	67	2170	2070	2030	1860	16" X 16"
AX16-2	--	16"	1625	1/4	115	2.7	31	68	2370	2270	2210	2060	18" X 18"
AX18-2	--	18"	1625	1/3	115	4.1	37	73	3200	3090	3040	2920	20" X 20"
AX20-2	--	20"	1625	1/3	115	4.1	39	77	3420	3220	3170	2920	22" X 22"
AX24-2	--	24"	1100	1/3	115	5.4	45	70	5000	4500	4300	3600	26" X 26"
AX30-2	--	30"	1100	1/3	115/230	4.4/2.2	72	82	8000	7000	6000	5000	33" X 33"
AX36-7	AX36-7M**	36"	850	1/2	115/230	6.6/3.3	88	72	10000	8500	8000	6200	39" X 39"
AX42-7	--	42"	850	1	230	5	122	84	14900	13550	13210	10800	45" X 45"
TWO SPEED FANS													
AX12-3	--	12"	1725/1140	1/4	115	3.4	27	64	1670/1100	1600/950	1575/900	1450/625	14" X 14"
AX14-3	--	14"	1725/1140	1/4	115	3.4	31	67	2190/1440	2080/1325	2000/1300	1950/850	16" X 16"
AX16-3	--	16"	1725/1140	1/4	115	3.4	34	69	2580/1770	2480/1620	2430/1560	2270/1020	18" X 18"
AX18-3	--	18"	1725/1140	1/3	115	5.5/2.9	38	74	3200/2310	3050/2030	2950/1960	2625/1750	20" X 20"
AX20-3	--	20"	1725/1140	1/3	115	5.5/2.9	41	77	3640/2420	3440/2270	3360/2210	3140/1890	22" X 22"
SINGLE SPEED EXPLOSION PROOF FANS (Explosion Proof Motors are DIVISION 1 - CLASS 1 - GROUP C & D and CLASS 2 - GROUP F & G)													
Class I, Group C - Atmospheres containing ethyl ether, ethylene, gases or vapors of equivalent hazard. Class I, Group D - Atmospheres such as acetone, ammonia, benzene, butane, cyclopropane, ethanol, gasoline, hexane, methane, natural gas, naphtha, propane, or gases or vapors of equivalent hazard. Class II Group F - Atmospheres containing carbonaceous dust, including carbon black, charcoal, coal, or coke dusts that have more than 8% total entrapped volatiles, or dusts that have been sensitized by other materials so that they present an explosion hazard. Class II Group G - Atmospheres containing combustible dusts not included in group E or F, including flour, grain, wood, plastic and chemicals.												
AX12-4	AX12-4*	12"	1725	1/3	115/208-230	6.6/3.1-3.3	49	63	1670	1600	1575	1450	14" X 14"
AX14-4	AX14-4*	14"	1725	1/3	115/208-230	6.6/3.1-3.3	49	67	2190	2080	2000	1950	16" X 16"
AX16-4	AX16-4*	16"	1725	1/3	115/208-230	6.6/3.1-3.3	51	68	2580	2480	2430	2270	18" X 18"
AX18-4	AX18-4*	18"	1725	1/3	115/208-230	6.6/3.1-3.3	56	73	3200	3050	2950	2625	20" X 20"
AX20-4	AX20-4*	20"	1725	1/3	115/208-230	6.6/3.1-3.3	57	77	3640	3440	3360	3140	22" X 22"
AX24-4	AX24-4*	24"	1725	1/3	115/208-230	6.6/3.1-3.3	57	77	5520	5410	5330	5130	26" X 26"

For three phase motors, substitute "*" with "M" for 230/460 volt or "P" for 575 volt
**NOTE: AX36-7M is only available in 208-230/460 volt for three phase applications
Other voltages in single or three phase are available. 50HZ voltages are available. Consult factory.

ACCESSORIES

- Speed controls
- Thermostats
- Front guard
- Weather hoods

For a complete listing on all available accessories, see **Accessories for AX & P Series Fans.**
For a complete listing of all available hoods, see **Wall Exhaust Options & Accessories.**
For all available control options, see **Controls & Thermostats** tab.

AX-EC - SHUTTER MOUNTED FANS

Designed for Industrial, Commercial & Farming applications.



May not be as shown

The AX-EC series exhaust fan is a sturdily constructed, direct drive, horizontal discharge fan that is typically used for general ventilation of factories, garages, warehouses and other industrial or commercial buildings.

Models are equipped with variable speed, high efficiency EC motors.

The AX-EC series housings are constructed of heavy duty aluminum with built in shutters that automatically open when the fan starts and gravity closes when the fan stops.

Up to 70% energy savings with EC Motors.

FEATURES

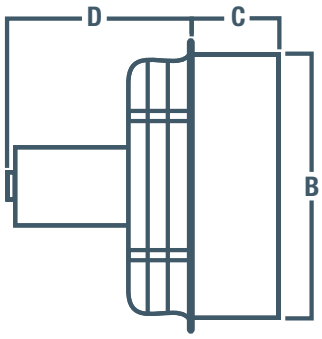
- Sturdily constructed from all-aluminum extrusions.
- 8" - 20" models have heavy wire chrome plated OSHA guards on intake side of fan.
- Variable speed, high efficiency EC Motor.
- Ships fully assembled.
- Fans can be shipped via UPS

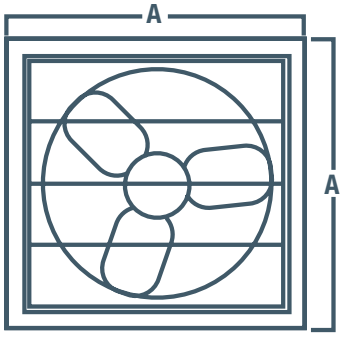
SPECIFICATIONS

MODEL	SPEED	BLADE DIAMETER	RPM	HP	VOLTAGE	AMPS (FLA)	WEIGHT (LBS)	dB(A) @5 ft	CFM @ STATIC PRESSURE				FRAMING DIMENSIONS
									0.00"	0.10"	0.125"	0.25"	
AX08-ECV	Variable	8"	1800	1/4	115/208-280	2.8/1.7-1.3	12	48	360	270	230	0	12" X 12"
AX10-ECV	Variable	10"	1800	1/4	115/208-280	2.8/1.7-1.3	13	56	690/580	590/460	570/390	0	12" X 12"
AX12-EC	Variable	12"	1800	1/4	115/208-280	2.8/1.7-1.3	32	60	1650	1540	1510	1390	14" X 14"
AX14-EC	Variable	14"	1800	1/4	115/208-280	2.8/1.7-1.3	34	65	2180	2080	2060	1890	16" X 16"
AX16-EC	Variable	16"	1800	1/4	115/208-280	2.8/1.7-1.3	36	63	2370	2270	2210	2063	18" X 18"
AX18-EC	Variable	18"	1800	1/3	115/208-280	3.5/2.2-1.7	37	73	3200	3090	3040	2920	20" X 20"
AX20-EC	Variable	20"	1800	1/2	115/208-280	5.3/3.3-2.6	45	77	3440	3240	3180	2930	22" X 22"
AX24-EC	Variable	24"	1200	1/2	115/208-281	5.7/3.5-2.8	56	70	5500	5400	5310	5100	26" X 26"
AX30-EC	Variable	30"	1000	3/4	115/208-282	9.5/5.2-4.2	72	82	8000	7000	6000	5000	33" X 33"
AX36-EC	Variable	36"	1000	3/4	115/208-283	9.5/5.2-4.2	88	84	10000	8500	8000	6200	39" X 39"

DIMENSIONS

FAN SIZE	A X A SQUARE	B	C	D (c/c)	E	N
8"	13 1/4"	13 1/2"	4"	12"	10 3/4"	2
10"	15 1/4"	13 1/2"	4"	14"	12 3/4"	2
12"	17 1/4"	16 1/2"	6"	16"	14 3/4"	3
14"	19 1/4"	16 1/2"	6"	18"	16 3/4"	3
16"	21 1/4"	16 1/2"	6"	20"	18 3/4"	4
18"	23 1/4"	16 1/2"	6"	22"	20 3/4"	4
20"	25 1/4"	17	6 3/4"	24"	22 3/4"	5
24"	29 1/4"	18"	6 3/4"	28"	26 3/4"	5
30"	35 1/4"	19"	6"	34"	32 3/4"	16
36"	41 1/4"	19"	6"	40"	38 3/4"	20





ACCESSORIES

- 0V to 10V controls
- Thermostats
- Front guard
- Weather hoods

For a complete listing on all available accessories, see **Accessories for AX & P Series Fans.**
For a complete listing of all available hoods, see **Wall Exhaust Options & Accessories.**
For all available control options, see **Controls & Thermostats** tab.



P SERIES FAN

P - PANEL MOUNTED FANS

Designed for Industrial, Commercial & Farming applications.

The P series exhaust fan is a sturdily constructed, direct drive, horizontal discharge fan that is typically used for industrial, commercial and farming applications. The P fans are available in single-speed variations as well as two-speed and variable speed models.



P4 SERIES
EXPLOSION PROOF MOTOR

FEATURES

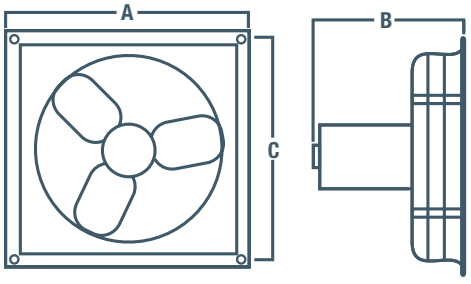
- Sturdily constructed direct drive, horizontal discharge fan.
- Durable powder coated finish.
- 8" - 24" models have heavy wire chrome plated OSHA guards on intake side of fan.
  30" & 36" models have grey powder coated guards.
- Totally enclosed air over motor with overload protection.
- Ships fully assembled.



DIMENSIONS

MODEL	A X A SQUARE	B		C c/c
		P	P-4~	
P08	13 1/4"	6 1/2"	-	12"
P10	15 1/4"	6 1/2"	-	14"
P12	17 1/4"	11"	13 3/4"	16"
P14	19 1/4"	11"	13 3/4"	18"
P16	21 1/4"	11"	13 3/4"	20"
P18	23 1/4"	11 1/4"	14"	22"
P20	25 1/4"	11 1/4"	14"	24"
P24	29 1/4"	11"	13 3/4"	28"
P30	35 1/4"	13 1/4"	-	34"
P36	41 1/4"	13 1/2"	-	40"

~ Explosion Proof Motor, 50 Hz or 3 phase



SPECIFICATIONS

SINGLE PHASE	THREE PHASE	BLADE DIAMETER	RPM	HP (SINGLE PHASE)	VOLTAGE (SINGLE PHASE)	AMPS (FLA) (SINGLE PHASE)	WEIGHT (LBS)	dB(A) @5 ft	CFM @ STATIC PRESSURE			
									0.00"	0.10"	0.125"	0.25"
SINGLE SPEED - VARIABLE SPEED FANS												
P12-1V	P12-1*	12"	1700	1/3	115/230	5.0/2.5	26	63	1650	1560	1525	1400
P12-1VHE	--	12"	1450	1/15	115	1.0	22	60	1350	1290	1275	1150
P14-1V	P14-1*	14"	1700	1/3	115/230	5.0/2.5	29	67	2170	2030	1950	1900
P14-1VHE	--	14"	1450	1/15	115	1.0	25	64	1600	1525	1500	1300
P16-1V	P16-1*	16"	1700	1/3	115/230	5.0/2.5	30	68	2570	2470	2410	2260
P16-1VHE	--	16"	1450	1/15	115	1.0	26	63	1850	1750	1700	1550
P18-1V	P18-1*	18"	1700	1/3	115/230	3.8/1.9	36	71	3150	3000	2900	2575
P20-1V	P20-1*	20"	1700	1/3	115/230	3.8/1.9	39	77	3620	3420	3340	3120
P24-1V	--	24"	1100	1/3	115/230	4.4/2.2	43	72	5500	5400	5310	5100
--	P24-1*	24"	1700	1/3	--	--	57	77	5520	5410	5330	5130
SINGLE SPEED FANS												
P12-2	--	12"	1625	1/4	115	2.7	27	63	1640	1540	1510	1390
P14-2	--	14"	1625	1/4	115	2.7	30	67	2170	2070	2030	1860
P16-2	--	16"	1625	1/4	115	2.7	31	68	2370	2270	2210	2060
P18-2	--	18"	1625	1/3	115	4.1	37	73	3200	3090	3040	2920
P20-2	--	20"	1625	1/3	115	4.1	39	77	3420	3220	3170	2920
P24-2	--	24"	1100	1/3	115	5.4	45	70	5000	4500	4300	3600
P30-2	--	30"	1100	1/3	115/230	4.4/2.2	72	82	8000	7000	6000	5000
P36-7	P36-7M**	36"	850	1/2	115/230	6.6/3.3	88	72	10000	8500	8000	6200
TWO SPEED FANS												
P08-3	--	8"	1600/1300	1/4	115	0.5	14	48	360/300	270/150	230/110	--
P10-3	--	10"	1600/1300	1/4	115	0.5	14	56	690/580	590/460	570/390	--
P12-3	--	12"	1725/1140	1/4	115	3.4	27	64	1670/1100	1600/950	1575/900	1450/625
P14-3	--	14"	1725/1140	1/4	115	3.4	31	67	2190/1440	2080/1325	2000/1300	1950/850
P16-3	--	16"	1725/1140	1/4	115	3.4	34	69	2580/1770	2480/1620	2430/1560	2270/1020
P18-3	--	18"	1725/1140	1/3	115	5.5/2.9	38	74	3200/2310	3050/2030	2950/1960	2625/1750
P20-3	--	20"	1725/1140	1/3	115	5.5/2.9	41	77	3640/2420	3440/2270	3360/2210	3140/1890
SINGLE SPEED EXPLOSION PROOF FANS (Explosion Proof Motors are DIVISION 1 - CLASS 1 - GROUP C & D and CLASS 2 - GROUP F & G)												
~ **Class I, Group C - Atmospheres containing ethyl ether, ethylene, gases or vapors of equivalent hazard.** **Class I, Group D -** Atmospheres such as acetone, ammonia, benzene, butane, cyclopropane, ethanol, gasoline, hexane, methane, natural gas, naphtha, propane, or gases or vapors of equivalent hazard. **Class II Group F -** Atmospheres containing carbonaceous dust, including carbon black, charcoal, coal, or coke dusts that have more than 8% total entrapped volatiles, or dusts that have been sensitized by other materials so that they present an explosion hazard.												
P12-4	P12-4*	12"	1725	1/3	115/230	6.6/3.1-3.3	49	63	1670	1600	1575	1450
P14-4	P14-4*	14"	1725	1/3	115/230	6.6/3.1-3.3	49	67	2190	2080	2000	1950
P16-4	P16-4*	16"	1725	1/3	115/230	6.6/3.1-3.3	51	68	2580	2480	2430	2270
P18-4	P18-4*	18"	1725	1/3	115/230	6.6/3.1-3.3	56	73	3200	3050	2950	2625
P20-4	P20-4*	20"	1725	1/3	115/230	6.6/3.1-3.3	57	77	3640	3440	3360	3140
P24-4	P24-4*	24"	1725	1/3	115/230	6.6/3.1-3.3	57	77	5520	5410	5330	5130

For three phase motors, substitute "*" with "M" for 230/460 volt or "P" for 575 volt
**NOTE: P36-7M is only available in 208-230/460 volt for three phase applications
Other voltages in single or three phase are available. 50HZ voltages are available. Consult factory.

ACCESSORIES

- Front guards
- Wall sleeve
- Thermostats
- Backdraft dampers
- Weather hoods
- Controls

For a complete listing on all available accessories, see **Accessories for AX & P Series Fans.**
For a complete listing of all available hoods, see **Wall Exhaust Options & Accessories.**
For all available control options, see **Controls & Thermostats** tab.

Consult factory to have accessories installed.

P - SERIES SUPPLY FANS

Designed for Industrial & Commercial Supply applications.



P12-1R FAN SHOWN



P12-1RS9M1115
FAN SHOWN COMPLETE WITH SLEEVE AND MOTORIZED DAMPER.

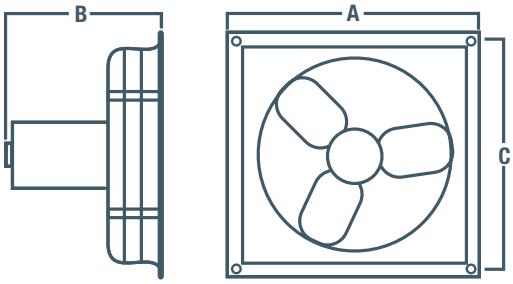
FEATURES

- Fully assembled.
- Sturdily constructed direct drive, horizontal fan.
- Durable powder coated finish.
- Heavy duty OSHA motor mount/guard is standard.
- Totally enclosed air over motor with overload protection.

Non-stock, made-to-order products are non-returnable and cannot be cancelled.

DIMENSIONS

MODEL	A X A SQUARE	B	C c/c
P12-1R	17 1/4"	11"	16"
P14-1R	19 1/4"	11"	18"
P16-1R	21 1/4"	11"	20"
P18-1R	23 1/4"	12"	22"
P20-1R	25 1/4"	12"	24"
P24-1R	29 1/4"	12"	28"



SPECIFICATIONS

MODEL	BLADE DIAMETER	RPM	HP	VOLTAGE	AMPS (FLA)	WEIGHT (LBS)	CFM @ STATIC PRESSURE			
							0.00"	0.10"	0.125"	0.25"
P SERIES SUPPLY FAN										
P12-1R	12"	1700	1/3	115/230	5.0/2.5	26	1450	1400	1370	1260
P14-1R	14"	1700	1/3	115/230	5.0/2.5	29	1950	1825	1750	1700
P16-1R	16"	1700	1/3	115/230	5.0/2.5	30	2310	2200	2150	2030
P18-1R	18"	1700	1/3	115/230	3.8/1.9	36	2835	2700	2600	2315
P20-1R	20"	1700	1/3	115/230	3.8/1.9	39	3250	3075	3000	2800
P24-1R	24"	1100	1/3	115/230	6.4/3.2	43	4040	3928	3848	3520
P SERIES SUPPLY FAN Complete with 9" sleeve and 120 Volt motorized damper (specs are for fan motor only and not damper motor) For exhaust models, replace "1R" in the model name with "1V".										
P12-1RS9M115	12"	1700	1/3	115/230	5.0/2.5	45	1450	1400	1370	1260
P14-1RS9M115	14"	1700	1/3	115/230	5.0/2.5	50	1950	1825	1750	1700
P16-1RS9M115	16"	1700	1/3	115/230	5.0/2.5	54	2310	2200	2150	2030
P18-1RS9M115	18"	1700	1/3	115/230	3.8/1.9	60	2835	2700	2600	2315
P20-1RS9M115	20"	1700	1/3	115/230	3.8/1.9	66	3250	3075	3000	2800
P24-1RS9M115	24"	1100	1/3	115/230	4.4/2.2	73	4040	3928	3848	3520

ACCESSORIES

- Thermostats
- Front guard
- Weather hoods

For a complete listing on all available accessories, see **Accessories for AX & P Series Fans.**
For a complete listing of all available hoods, see **Wall Exhaust Options & Accessories.**
For all available control options, see **Controls & Thermostats** tab.

ACCESSORIES FOR AX & P SERIES FANS

FRONT GUARD FOR AX & P SERIES FANS

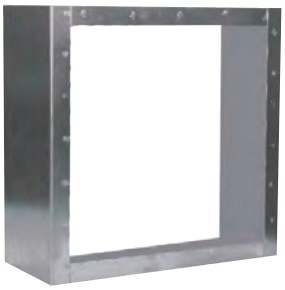
- 18 gauge galvanized 3/4” expanded metal screen, 6” deep.



FITS FAN	FRONT GUARD	WEIGHT (LBS)
8"	**XFG8-10**	6
10"	**XFG8-10**	6
12"	**XFG12**	6
14"	**XFG14**	8
16"	**XFG16**	9
18"	**XFG18**	10
20"	**XFG20**	10
24"	**XFG24**	13
30"	**XFG30**	TBA
36"	**XFG36**	TBA

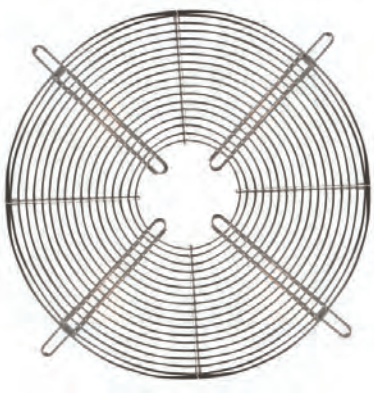
PANEL SLEEVES FOR P SERIES

- Sleeves are 9 1/2” deep.



FITS FAN	SLEEVES	WEIGHT (LBS)
8"	**PSL08**	14
10"	**PSL10**	14
12"	**PSL12**	14
14"	**PSL14**	14
16"	**PSL16**	14
18"	**PSL18**	15
20"	**PSL20**	19
24"	**PSL24**	23
30"	**PSL30**	26
36"	**PSL36**	30

REPLACEMENT GUARDS



FITS FAN	MODEL #	DESCRIPTION	WEIGHT (LBS)
8"	**R-2X115**	8” - 10” OSHA motor mount	3
10"	**R-2X115**	8” - 10” OSHA motor mount	3
12"	**R-2X116**	12” OSHA motor mount	3
14"	**R-2X117**	14” - 16” OSHA motor mount	4
16"	**R-2X117**	14” - 16” OSHA motor mount	4
18"	**R-2X118**	18” - 20” OSHA motor mount	5
20"	**R-2X118**	18” - 20” OSHA motor mount	5
24"	**R-2X119**	24” OSHA motor mount	7
30"	**R-2X113**	30” OSHA motor mount	8
36"	**R-2X114**	36” OSHA motor mount	9

MOTORIZED & GRAVITY DAMPERS FOR FRESH AIR INTAKE



MOTORIZED DAMPER

FITS FAN	MODEL #	
	MOTORIZED DAMPERS	BACK DRAFT DAMPERS
8”	**SX3210X10**	**SR3210X10**
10”	**SX3210X10**	**SR3210X10**
12”	**SX3212X12**	**SR3212X12**
14”	**SX3214X14**	**SR3214X14**
16”	**SX3216X16**	**SR3216X16**
18”	**SX3218X18**	**SR3218X18**
20”	**SX3220X20**	**SR3220X20**
24”	**SX3224X24**	**SR3224X24**
30”	**SX3230X30**	**SR3230X30**
36”	**SX3236X36**	**SR3236X36**

The Motorized dampers listed above are 110/230V.
For 24V AC, replace X with Z.



BACK DRAFT DAMPER

Now Available with EC motors!
See Green Products for more info

SD - STANDARD WALL EXHAUST FANS

Efficient, low maintenance and easy to install.



8" & 10" MODELS FRONT VIEW



8" & 10" MODELS BACK VIEW



12" to 24" MODELS FRONT VIEW

Intertek



30", 36", 42" & 48" MODELS WITH PVC LOUVERS



12" to 48" MODELS BACK VIEW

Canarm/LFI's standard fans follow a tradition of quality in design, materials and construction. All our standard fans are developed to be efficient and economically priced. Fans are available in single, two and variable speed models. All variable speed standard fans use an energy efficient variable speed, dual voltage motor and blade combination. To determine the proper Canarm/LFI fan for your applications, use the formula and table shown on back of page.

FEATURES

8" & 10" Models *New Features!*

- Smooth, quiet, reliable, maintenance-free operation
- Durable steel construction with grey powder coat finish
- 2 speed fan with high efficiency Euro design external rotor motor
  - Totally enclosed with sealed ball bearings
  - Pull chain speed control
  - 9 foot cord with 115 volt, 3-prong plug
- Swept back, high efficiency, low noise blade design
- Quiet, aluminum shutters with tie bar to maximize airflow and a magnet to prevent flapping and provide a superior seal
- Zinc plated OSHA guard
- Fans shipped completely assembled
- Easy to install! Mount fan using four screws, plug it in and turn it on

12" to 48" Models

- Single, two and variable speed models are available.
- All fans use a totally enclosed, thermally protected motor.
- Rugged steel welded box housing has a durable powder coated finish.
- Aluminum louver shutters are supported by long life nylon bushings (30", 36", 42" & 48" have PVC louvers).
- 12" - 24" models have heavy wire chrome plated OSHA guards on intake side of fan.
  30", 36", 42" & 48" models have grey powder coated guards.
- All fans are shipped completely assembled.



SPECIFICATIONS

	MODEL	SPEED	BLADE DIAMETER	RPM	HP	VOLTAGE	AMPS (FLA)	WEIGHT (LBS)	dB(A) @5 ft	CFM @ STATIC PRESSURE				FRAMING DIMENSIONS
										0.00"	0.10"	0.125"	0.25"	
NEW	SD08	Two	8"	1600/1300	25W	115	0.2	13	48	360/292	270/150	230/110	--	11" X 11"
NEW	SD10	Two	10"	1480/1150	60W	115	0.5	15	55	500/388	420/300	400/250	--	13" X 13"
	S12-E1	Single	12"	1625	1/4	115	2.7	28	63	1640	1540	1510	1390	15" X 15"
	S12-E2	Two	12"	1725/1140	1/4	115	3.4	32	64	1650/1090	1550/950	1520/930	1390/0	15" X 15"
	S12-EVD	Variable	12"	1625	1/3	115/230	5.0/2.5	32	60	1650	1540	1510	1390	15" X 15"
	S14-E1	Single	14"	1625	1/4	115	2.7	30	67	2170	2070	2030	1860	17" X 17"
	S14-E2	Two	14"	1725/1140	1/4	115	3.4	34	65	2180/1350	2080/1190	2060/1160	1890/0	17" X 17"
	S16-E1	Single	16"	1625	1/4	115	2.7	33	68	2370	2270	2210	2060	19" X 19"
	S16-E2	Two	16"	1725/1140	1/4	115	3.4	36	69	2380/1640	2280/1490	2230/1430	2070/0	19" X 19"
	S16-EVD	Variable	16"	1625	1/3	115/230	5.0/2.5	36	63	2370	2270	2210	2063	19" X 19"
	S18-F1	Single	18"	1625	1/3	115	4.1	37	73	3200	3090	3040	2920	21" X 21"
	S18-F2	Two	18"	1725/1140	1/3	115	5.5/2.9	43	74	3200/2100	3090/1890	3040/1820	2920/0	21" X 21"
	S18-FVD	Variable	18"	1625	1/3	115/230	3.8/1.9	45	74	3150	3050	2980	2860	21" X 21"
	S20-F1	Single	20"	1625	1/3	115	4.1	41	77	3420	3220	3170	2920	23" X 23"
	S20-F2	Two	20"	1725/1140	1/3	115	5.5/2.9	45	77	3440/2300	3240/2000	3180/1950	2930/0	23" X 23"
	SD24-F1	Single	24"	1100	1/3	115	3.6	46	70	5000	4500	4300	3600	27" X 27"
	SD24-GVD	Variable	24"	1075	1/3	115/230	4.4/2.2	56	72	5050	4910	4810	4400	27" X 27"
	SD30-G1D	Single	30"	1075	1/3	115/230	4.4/2.2	72	82	8000	7000	6000	5000	33" X 33"
	SD36-G1D	Single	36"	850	1/2	115/230	6.6/3.3	88	72	10000	8500	8000	6200	39" X 39"
NEW	SD42-H1D	Single	42"	850	1	230	5	122	83	14900	13550	13210	10800	45" X 45"
NEW	SD48-H1D	Single	48"	850	1	230	5.0	140	84	17200	15300	14800	12500	51" X 51"

Some models are available with explosion proof motors. Please see next page.

NOTE: RPM Min (Minimum) is determined when louvres are opened one inch.
Note: Wind has a significant effect on exhaust fans. A 10 mph wind creates a 0.05" pressure against the fan. A 20 mph wind creates 0.20" pressure and 30 mph a 0.45" pressure. These pressures are in addition to the static pressure in the building. Wind blocks or hoods should be included in all designs where fans will be subjected to winds above 10 mph.

AIR CHANGES PER MINUTE

To determine the proper Canarm/LFI fan for your applications, use the following formula.
Number of cubic feet in room / Number of minutes per air change = Required C.F.M. Capacity

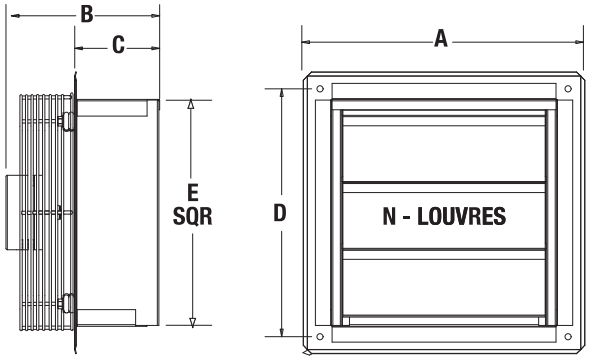
EXAMPLE: A general office, (see chart) which requires an air change every ten minutes, would require the following fan capacity.
If office is 100' x 40' x 10' = 40,000 cubic ft; 40,000 cubic ft / 10 minutes per air change = 4000 Required C.F.M.
From the chart, you would select a fan that is rated at 4000 C.F.M. at 1/8" S.P. (Static Pressure)

Application	Minutes per Air Change	Application	Minutes per Air Change	Application	Minutes per Air Change	Application	Minutes per Air Change
Assembly Hall	7	Church	15	Foundry	4	Pressing Room	1
Attic	2	Classroom	6	Garage	5	Projection Booth	2
Auditorium	10	Dance Hall	5	General Office	10	Summer Cooling	1
Barber Shop	6	Department Store	6	Gymnasium	8	Toilet	3
Basement	8	Dry Cleaning	5	Laundry	2	Transformer Room	1
Battery Room	4	Engine Room	6	Locker Room	3	Warehouse	12
Boiler Room	1	Factory	6	Machine Shop	8	Welding Shop	2
Bowling Alley	5	Forge Room	3	Plating Room	3		

DIMENSIONS

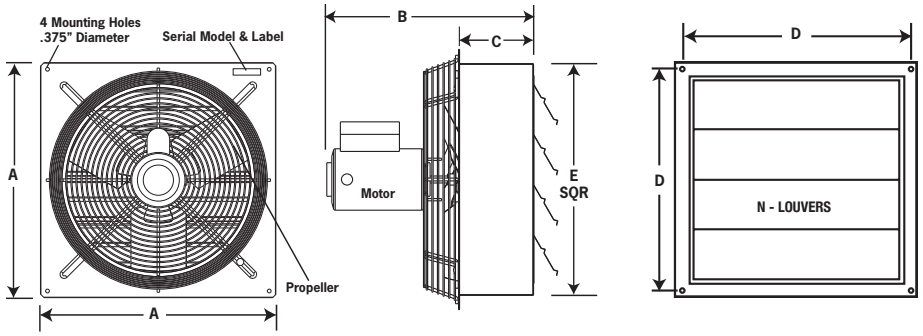
8" & 10" Models

FAN SIZE	A	B	C	D (c/c)	E SQR	N
8"	13 1/4"	7 9/16"	4"	12"	10 3/4"	2
10"	15 1/4"	7 7/8"	4"	14"	12 3/4"	3



12" to 48" Models

	FAN SIZE	A X A SQUARE	B	C	D (c/c)	E	N
	12"	17 1/4"	17"	6"	16"	14 3/4"	3
	14"	19 1/4"	17"	6"	18"	16 3/4"	3
	16"	21 1/4"	17"	6"	20"	18 3/4"	4
	18"	23 1/4"	18"	6"	22"	20 3/4"	4
	20"	25 1/4"	18"	6 3/4"	24"	22 3/4"	5
	24"	29 1/4"	18"	6 3/4"	28"	26 3/4"	5
	30"	35 1/4"	18"	6"	34"	32 3/4"	16
	36"	41 1/4"	18"	6"	40"	38 3/4"	20
NEW	42"	47 1/4"	18"	6 3/4"	46"	44 3/4"	24
NEW	48"	53 1/4"	19"	6 3/4"	52"	50 5/8"	26



ACCESSORIES

- Grey plastic weather hood
- Galvanized metal hood
- MC type & wet locations controls.

For a complete listing on all available accessories, see page D17.
For a complete listing of all available hoods, see page D11.
For all available control options, see Controls & Thermostats tab.



May not be as shown



FRONT VIEW

GREEN SERIES SD-EC

Standard Wall Exhaust Fans

Canarm/LFI's standard fans follow a tradition of quality in design, materials and construction. All our standard fans are developed to be efficient and economically priced. Fans are now available with EC motors allowing you to **save up to 70% on energy costs.**

To determine the proper Canarm/LFI fan for your applications, use the following formula.
Number of cubic feet in room / Number of minutes per air change = Required C.F.M. Capacity

EXAMPLE: A general office, (see chart) which requires an air change every ten minutes, would require the following fan capacity.
If office is 100' x 40' x 10' = 40,000 cubic ft
40,000 cubic ft / 10 minutes per air change = 4000 Required C.F.M.

From the chart, you would select a fan that is rated at 4000 C.F.M. at 1/8" S.P. (Static Pressure)

FEATURES

- Available in 8" to 20" sizes
- CFM's range from 200 to 3,400 CFM
- High efficiency totally enclosed EC motor
- Rugged steel welded box housing with durable powder coat finish
- Osha guard on intake side of fan
- Shipped completely assembled.

Application	Minutes per Air Change	Application	Minutes per Air Change	Application	Minutes per Air Change	Application	Minutes per Air Change
Assembly Hall	7	Church	15	Foundry	4	Pressing Room	1
Attic	2	Classroom	6	Garage	5	Projection Booth	2
Auditorium	10	Dance Hall	5	General Office	10	Summer Cooling	1
Barber Shop	6	Department Store	6	Gymnasium	8	Toilet	3
Basement	8	Dry Cleaning	5	Laundry	2	Transformer Room	1
Battery Room	4	Engine Room	6	Locker Room	3	Warehouse	12
Boiler Room	1	Factory	6	Machine Shop	8	Welding Shop	2
Bowling Alley	5	Forge Room	3	Plating Room	3		

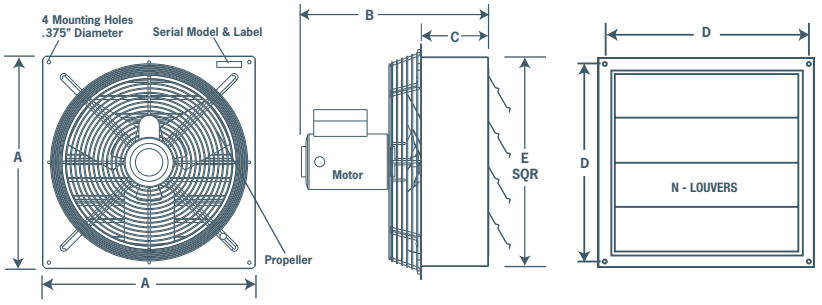
PERFORMANCE SPECIFICATIONS

MODEL	SPEED	BLADE DIAMETER	RPM	HP	VOLTAGE	AMPS (FLA)	WEIGHT (LBS)	dB(A) @5 ft	CFM @ STATIC PRESSURE				FRAMING DIMENSIONS
									0.00"	0.10"	0.125"	0.25"	
SD8-ECV	Variable	8"	1800	1/4	115/208-280	2.8/1.7-1.3	12	48	360	270	230	0	11" X 11"
SD10-ECV	Variable	10"	1800	1/4	115/208-280	2.8/1.7-1.3	13	56	690	590	570	0	13" X 13"
SD12-EC	Variable	12"	1800	1/4	115/208-280	2.8/1.7-1.3	32	60	1650	1540	1510	1390	15" X 15"
SD14-EC	Variable	14"	1800	1/4	115/208-280	2.8/1.7-1.3	34	65	2180	2080	2060	1890	17" X 17"
SD16-EC	Variable	16"	1800	1/4	115/208-280	2.8/1.7-1.3	36	63	2370	2270	2210	2063	19" X 19"
SD18-EC	Variable	18"	1800	1/2	115/208-280	3.5/2.2-1.7	37	73	3200	3090	3040	2920	21" X 21"
SD20-EC	Variable	20"	1800	1/2	115/208-280	5.3/3.3-2.6	45	77	3440	3240	3180	2930	23" X 23"
SD24-EC	Variable	24"	1200	1/2	115/208-280	5.7/3.5-2.8	56	70	5050	4910	4810	4400	27" X 27"
SD30-EC	Variable	30"	1000	3/4	115/208-280	9.5/5.2-4.2	72	82	8000	7000	6000	5000	33" X 33"
SD36-EC	Variable	36"	1000	3/4	115/208-280	9.5/5.2-4.2	88	84	10000	8500	8000	6200	39" X 39"

Subject to change without notice
PLEASE NOTE: The above is subject to change without notice as these are still in development.

DIMENSIONS

FAN SIZE	A X A SQUARE	B	C	D (c/c)	E	N
8"	13 1/4"	13 1/2"	4"	12"	10 3/4"	2
10"	15 1/4"	13 1/2"	4"	14"	12 3/4"	2
12"	17 1/4"	16 1/2"	6"	16"	14 3/4"	3
14"	19 1/4"	16 1/2"	6"	18"	16 3/4"	3
16"	21 1/4"	16 1/2"	6"	20"	18 3/4"	4
18"	23 1/4"	16 1/2"	6"	22"	20 3/4"	4
20"	25 1/4"	17	6 3/4"	24"	22 3/4"	5
24"	29 1/4"	18"	6 3/4"	28"	26 3/4"	5
30"	35 1/4"	19"	6"	34"	32 3/4"	16
36"	41 1/4"	19"	6"	40"	38 3/4"	20



ACCESSORIES

- Grey plastic weather hood
- Galvanized metal hood
- 0V to 10V Control

For a complete listing on all available accessories, see **Accessories for AX & P Series Fans.**
For a complete listing of all available hoods, see **Wall Exhaust Options & Accessories.**
For all available control options, see **Controls & Thermostats** tab.



FRONT VIEW

EXPLOSION PROOF STANDARD WALL EXHAUST FANS

Efficient, low maintenance and easy to install.

Canarm LFI's explosion proof fans follow a tradition of quality in design, materials and construction. Using our quality "Standard Fan" housing and motor mount as the basis for design, we have developed an efficient, economically priced Explosion Proof Fan. All Explosion Proof Fans have a single speed, dual voltage explosion proof motor that meets and conforms to all the standards that are listed below.

CLASS I, GROUP C *Atmospheres containing ethyl ether, ethylene, gases or vapors of equivalent hazard.*

CLASS I, GROUP D *Atmospheres such as acetone, ammonia, benzene, butane, cyclopropane, ethanol, gasoline, hexane, methane, natural gas, naphtha, propane, or gasses or vapors of equivalent hazard.*

CLASS II GROUP F *Atmospheres containing carbonaceous dust, including carbon black, charcoal, coal, or coke dusts that have more than 8% total entrapped volatiles, or dusts that have been sensitized by other materials so that they present an explosion hazard.*

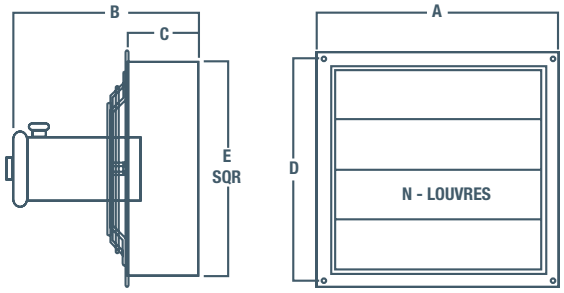
CLASS II GROUP G *Atmospheres containing combustible dusts not included in group E or F, including flour, grain, wood, plastic and chemicals.*

FEATURES

- Totally enclosed, ball bearing motor with thermal overload protection.
- The fan blades are well-balanced, heavy gauge aluminum.
- The rugged steel welded box housing has a durable powder coated finish.
- Aluminum louver shutters are supported by long life nylon bushings.
- Heavy wire chrome plated OSHA guards on intake side of fan.
- All fans are shipped completely assembled.

DIMENSIONS

FAN SIZE	A X A SQUARE	B	C	D c/c	E	N
8"	13 1/4"	17 1/2"	4"	12"	10 3/4"	2
10"	15 1/4"	17 1/2"	4"	14"	12 3/4"	2
12"	17 1/4"	20 1/2"	6"	16"	14 3/4"	3
18"	23 1/4"	20 1/2"	6"	22"	20 3/4"	4
24"	29 1/4"	20 1/2"	6"	28"	26 3/4"	5



4 MOUNTING HOLES
.375" DIAMETER

SPECIFICATIONS

MODEL	FAN SIZE	HP	VOLTS	AMPS	SPEED	RPM	AIRFLOW CAPACITY - CFM				FRAMING DIMENSIONS	WEIGHT (LBS)
							0" SP	.05" SP	.10" SP	.25" SP		
NEW SD08-XPF	8"	1/3	115/230	6.6/3.3	Single	1625	320	280	240	-	11" X 11"	38
NEW SD10-XPF	10"	1/3	115/230	6.6/3.3	Single	1625	620	575	530	-	13" X 13"	39
SD12-XPF	12"	1/3	115/230	6.6/3.3	Single	1625	1,640	1,600	1,540	1,390	15" x 15"	42
SD18-XPF	18"	1/3	115/230	6.6/3.3	Single	1625	3,200	3,150	3,090	2,920	21" x 21"	60
SD24-XPF	24"	1/3	115/230	6.6/3.3	Single	1625	5,500	5,400	5,310	5,100	27" x 27"	72

NOTE: RPM Min (Minimum) is determined when louvres are opened one inch.
Note: Wind has a significant effect on exhaust fans. A 10 mph wind creates a 0.05" pressure against the fan. A 20 mph wind creates 0.20" pressure and 30 mph a 0.45" pressure. These pressures are in addition to the static pressure in the building. Wind blocks or hoods should be included in all designs where fans will be subjected to winds above 10 mph.



BACK VIEW

ACCESSORIES

- Hoods

For a complete listing of all available hoods, see **Wall Exhaust Options & Accessories..**



FRONT VIEW

XFS SERIES EXHAUST SHUTTER FANS

For use in garages, sheds, workshops and more!

Canarm's **XFS series** wall exhaust fans are ideal for commercial applications.
They feature smooth, quiet, reliable, maintenance free operation.
Available in 12" to 36" sizes - fans are single, 2 or 3 speeds with OFF and come complete with a 9' cord and grounded plug.
The fans have a durable steel construction with powder coat black finish and quiet, aluminum shutters with tie bar to maximize airflow.
Installation is easy - simply mount the fan with 4 screws, plug it in and turn it on!

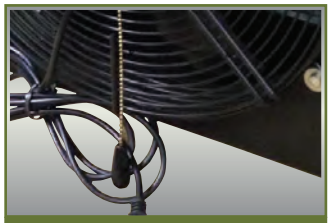
FEATURES

- Smooth, quiet, reliable, maintenance free operation.
- Available in 12" to 36" sizes.
- 12" and 16" models are 3 speed
- 20" to 30" models are 2 speed.
- 36" model is single speed.
- Durable steel construction with powder coat black finish.
- Swept back, high efficiency, low noise blade design.
- Shutters have a small magnet to prevent flapping and provide a superior seal.
- Quiet, aluminum shutters with tie bar to maximize airflow.
- Strong powder coated OSHA guarding inside.
- ETL certified
- Euro design outside rotor motor for higher efficiency.
  - Totally enclosed with sealed ball bearings
  - Pull chain speed control
  - 9 foot cord with 115 volt, 3-prong plug
- Fans shipped totally assembled.

** Please call for availability in 2022 on the 30" and 36" models.*



Tie bar aluminum shutters



Pull chain switch

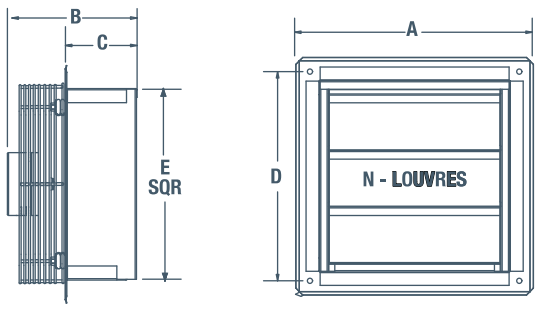
SPECIFICATIONS

MODEL	FAN SIZE	MOTOR HP	SPEED	VOLTS	NET WEIGHT	FAN RPM	CFM at 1/8" SP	HIGH SPEED SOUND LEVEL dB(A)	MAX AMPS	MAX AMBIENT TEMP
XFS12	12"	1/12	3	115	19 lbs	1600/1420/1150	1100/900/800	58	0.8 / 0.8 / 0.7	90°C/194°F
XFS16	16"	1/8	3	115	27 lbs	1630/1450/1330	2300/2000/1800	58	2.0 / 1.8 / 1.6	74°C/158°F
XFS20	20"	1/4	2	115	40 lbs	1140/1050	3300/2900	68	2.3 / 2.0	70°C/158°F
XFS24	24"	1/2	2	115	56 lbs	1140/1070	4700/3800	72	5.0 / 4.3	70°C/158°F
*XFS30	30"	1/2	2	115	72 lbs	1080/980	6400/5000	71/68	4.9/4.3	70°C/158°F
*XFS36	36"	1	1	115	88 lbs	970	10500	76	7.2	70°C/158°F

DIMENSIONS

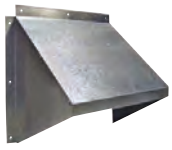
Note: Dimensions subject to change

MODEL	A X A SQUARE	B	C	D (c/c)	E SQR	N (# OF LOUVRES)	FRAMING	CARTON DIMENSIONS		
								Length	Height	Width
XFS12	16 7/8"	8 3/8"	5"	14 7/8"	13 1/2"	3	14" x 14"	20"	20"	12"
XFS16	20 7/8"	9 1/2"	5"	18 7/8"	17 1/2"	4	18" x 18"	25"	25"	13"
XFS20	24 7/8"	9 1/2"	5"	22 7/8"	21 1/2"	5	22" x 22"	28"	28"	13"
XFS24	28 7/8"	11 1/8"	5"	26 7/8"	25 1/2"	6	26" x 26"	32"	32"	15"
*XFS30	34 7/8"	12 1/2"	5"	32 7/8"	31 1/2"	7	34" x 34"	38"	38"	15.75"
*XFS36	40 7/8"	14 1/2"	5"	38 7/8"	37 1/2"	8	40" x 40"	44"	44"	17"



ACCESSORIES

Optional galvanized weather hood.



OPTIONAL WEATHER HOOD	
FAN SIZES	HOOD #
12"	GH-XF12
16"	GH-XF16
20"	GH-XF20
24"	GH-XF24

XFS SERIES
EXHAUST SHUTTER FANS



To determine the proper XFS Fan for your applications, use the following formula.
Number of cubic feet in room / Number of minutes per air change = Required CFM Capacity

EXAMPLE: A general office, (see chart) which requires an air change every ten minutes, would require the following fan capacity.

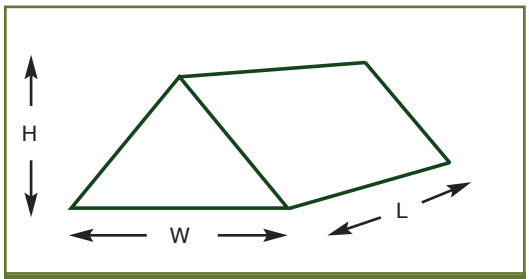
If office is 100' x 40' x 10' = 40,000 cubic ft; 40,000 cubic ft / 10 minutes per air change = 4000 Required CFM

From the chart, you would select a fan that is rated at 4000 CFM at 1/8" S.P. (Static Pressure)

Application	Minutes per Air Change	Application	Minutes per Air Change	Application	Minutes per Air Change	Application	Minutes per Air Change
Assembly Hall	7	Church	15	Foundry	4	Pressing Room	1
Attic	2	Classroom	6	Garage	5	Projection Booth	2
Auditorium	10	Dance Hall	5	General Office	10	Summer Cooling	1
Barber Shop	6	Department Store	6	Gymnasium	8	Toilet	3
Basement	8	Dry Cleaning	5	Laundry	2	Transformer Room	1
Battery Room	4	Engine Room	6	Locker Room	3	Warehouse	12
Boiler Room	1	Factory	6	Machine Shop	8	Welding Shop	2
Bowling Alley	5	Forge Room	3	Plating Room	3		

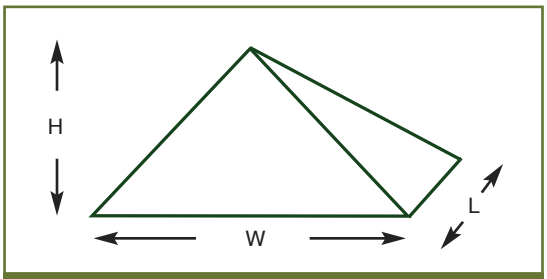
ATTIC VENTILATION

CAUTION!
Attic temperatures can get very high and exceed the high temperature protection device, shutting down the fan if there is not enough air change to keep the attic at a temperature below 120 °F.



Gabled Roof

Volume = L x W x 1/2 H



Pyramidal Roof

Volume = L x W x 1/3 H

Recommended air changes in an attic are about 2-3 minutes per air charge (MIN/AC) to keep the temperatures down. (2 minutes in southern climates and 3 minutes in northern climates.)

Using 2 minutes, required exhaust CFM = $\frac{\text{Total Volume}}{\text{2 MIN/AC}}$

This provides your required CFM of the exhaust fan, BUT there must be enough venting to supply fresh air to the attic space. A good rule of thumb is 1.5 ft^2 for every 1000 CFM of airflow.

Example:

Southern Climate $\frac{6000\ ft^3}{2} = 3000$ CFM
Use XFS20

Southern climate inlet opening $= 3000 \times \frac{1.5}{1000} = 4.5\ ft^2$

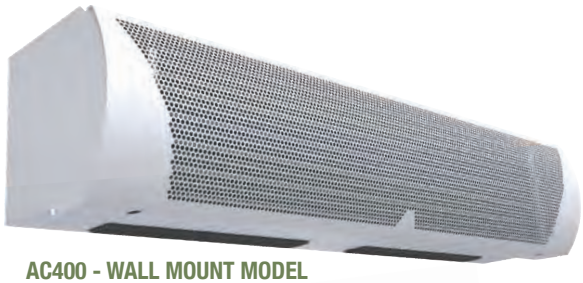
Northern Climate $\frac{6000\ ft^3}{3} = 2000$ CFM
Use XFS16

Northern climate inlet opening $= 2000 \times \frac{1.5}{1000} = 3\ ft^2$

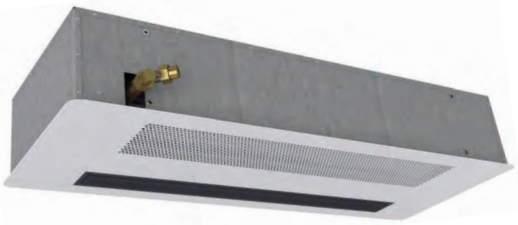
AIR CURTAINS

Heated and Unheated Air Barriers

For many applications from small Drive-thru Windows to Storefront Entrances and Warehouse Bay Doors



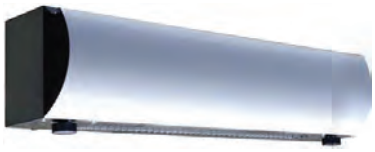
AC400 - WALL MOUNT MODEL



AC301 - RECESSED MODEL



AC1001 - FLOOR MOUNT MODEL



AC100 - DRIVE-THRU MODEL



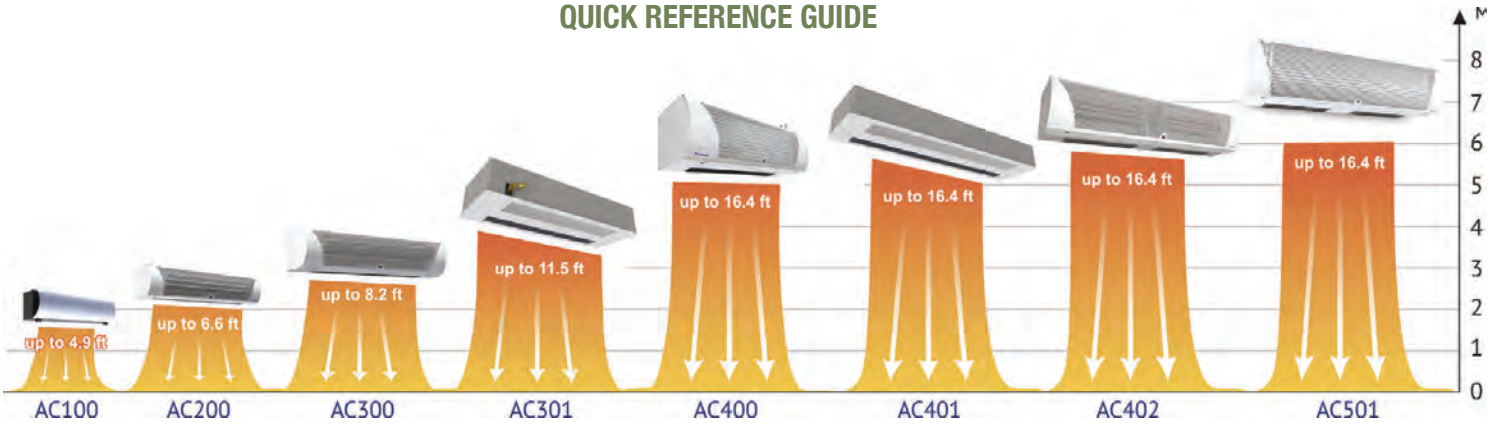
CONTROL PANEL

Intertek

FEATURES

- Creates a barrier by blocking the entry of outside air into a building, or escaping air from the interior of the premises
- Heated (electric or water) and unheated models available
- Available in 31”, 39”, 59” and 79” long (can be used in tandem to cover any opening width)
- Covers opening heights up to 19ft
- All (non-decorative) units can be installed horizontally or vertically
- Surface mount, recessed and floor mount models available
- Minimizes the use of existing HVAC equipment to make up for heat losses or gains
- Will increase the efficiency of existing vestibules, or may replace the need for building one
- Improves employee efficiency by not having to stop to open and close doors
- Maintains comfortable ambient temperatures around entrances and doorways for both customer and employees
- Allows for open doors, to increase customer traffic in retail environments
- Dry off floors in entrance ways for safety
- Includes control panel with 3 speed control, thermostat and 2 heat settings (excluding AC100 - has built in controls)
- Steel casing coated with high quality durable polymer coatings
- Fans – cross flow impellers and axial fans
- Motors – external rotor for superior cooling and heat dissipation, less vibration, motor and bearings sealed, higher efficiency and longer operating life
- Thermal protection – motors built-in, heating elements thermal relay protected
- Electric heating elements - straight stainless steel elements with stainless steel fins
- Water heated units – copper tubing with aluminum fins for efficient heat transfer. Rated for up to 70lbs psi. Equipped with drains to reduce risk of freezing.
- Air curtain circuits are breaker protected
- Decorative models available in polished or matte stainless steel.

QUICK REFERENCE GUIDE



PERFORMANCE SPECIFICATIONS

ELECTRIC HEATED MODELS													
MODEL	HEAT OUTPUT (kW)	AIR VOLUME (cfm)	MAX DOOR HEIGHT (ft)	TEMP. RISE (ºF)	MOTOR INPUT hp	MOTOR INPUT W	MAX UNIT CURRENT 208V (A)	MAX MOTOR CURRENT (A)	MAX HEATING ELEMENT CURRENT (A) 480V	MAX HEATING ELEMENT CURRENT (A) 600V	SOUND LEVEL (dB)*	WEIGHT (LBS)	DIMENSIONS (L x W x H) inches
AC100-31E5	4.5	295	7.2	82.4	0.07	48	22.9	-	-	-	45	23	30.9 x 7.5 x 8.9
AC200-39E5	5.4	883	8.2	50.9	0.14	100	16.1	0.5	6.9	5.6	52	33.1	41 x 9 x 9
AC300-39E8	8	1030	11.5	57.2	0.29	210	24.4	1	10.1	8.1	54	42	42 x 12.8 x 10.4
AC300-59E13	13.4	1590	11.5	59	0.57	420	41.1	2	16.4	13.1	54	65	61.4 x 12.8 x 10.4
AC300-79E16	16.1	2091	11.5	57.2	0.57	420	48.9	2	20.2	16.2	57	79.5	79.3 x 12.3 x 10.7
AC301-39E8	8	1030	11.5	57.2	0.31	230	24.4	1	10.1	8.1	54	66.2	41.6 x 20.6 x 9.3
AC301-59E13	13	1590	11.5	57.2	0.62	460	41	2	16.4	13.1	55	94.9	65.8 x 20.6 x 9.3
AC301-79E16	16	2089	11.5	56.3	0.62	460	49	2	20.2	16.2	57	113.7	83.1 x 20.6 x 9.3
AC400-39E8	8	1590	16.4	46.5	0.54	400	25.5	2.1	10.1	8.1	60	56.2	43.7 x 13.8 x 13.4
AC400-59E16	16	2356	16.4	53.6	1.22	900	51.2	4.3	20.2	16.2	65	89.4	62 x 13.8 x 13.4
AC400-79E16	16.1	3534	16.4	48.2	1.22	900	50.7	3.8	20.2	16.2	66	101.5	82.3 x 13.8 x 13.4
AC401-39E16	16	1589	16.4	63.5	0.6	450	48.9	2	20.2	16.2	63	90.4	49.1 x 25 x 11.8
AC401-59E21	21	2354	16.4	59.9	1.21	900	35.4 + 31.4	4	27.8	22.3	65	132.2	61.7 x 25 x 11.8
AC401-79E32	21	3531	16.4	50.9	1.21	900	35.4 + 31.4	4	27.8	22.3	66	157.6	87.5 x 25 x 11.8
AC402-39E16	16	1942	18	58.1	0.6	450	49	2	20.2	16.2	64	63.9	44.4 x 14.7 x 16.7
AC402-59E21	21	3355	18	51.8	1.2	900	66.5	4	27.8	22.3	66	103.6	71.2 x 14.7 x 16.7
AC402-79E32	32	3826	18	51.8	1.2	900	98	4	40.4	32.2	67	114.6	83.2 x 14.7 x 16.7
AC501-59E32	32	4473	19.7	54.5	2.14	1600	102	8	40.4	32.2	69	162	63.8 x 19.7 x 18.9
AC501-79E32	32	6474	19.7	47.3	2.14	1600	102	8	40.4	32.2	69	181	83.4 x 18.9 x 19.7
AC1000-39E16	16.1	1707	11.5	60.8	0.61	450	49.1	2.2	20.2	16.2	60	99	43.5 x 35 x 15.6
AC1000-79E21	21.5	3415	11.5	51.8	1.22	900	66.8	4.3	27.8	22.3	63	161	82.9 x 35 x 15.6
AC1001-79E16	16.1	2000	7	57.2	0.46	340	48.5	1.6	20.2	16.2	54	161.2	18.1(w) x 79.2(h)
WATER HEATED MODELS (208V 1PH 60Hz)													
AC300-39W12	11.5	972	11.5	75.2	0.29	210	-	1.1	-	-	52	42	42 x 12.8 x 10.4
AC300-59W20	19.8	1472	11.5	78.8	0.57	420	-	2.2	-	-	53	66.2	61.4 x 12.8 x 10.4
AC300-79W28	27.4	1943	11.5	80.6	0.57	420	-	2.2	-	-	56	79.5	79.3 x 12.3 x 10.7
AC301-39W13	11.5	971	11.5	75.2	0.278	200	-	1	-	-	53	76.2	46.1 x 21.9 x 9.3
AC301-59W20	20	1472	11.5	78.8	0.54	400	-	2	-	-	54	98.1	65.8 x 21.9 x 8.9
AC301-79W28	27.4	1942	11.5	80.6	0.536	400	-	2	-	-	55	111.3	83.1 x 21.9 x 9.3
AC400-39W20	20	1531	16.4	98.6	0.61	450	-	2.2	-	-	64	68.5	43.7 x 13.8 x 13.4
AC400-59W32	32	2002	16.4	78.8	0.87	640	-	3	-	-	64	91.6	62 x 13.8 x 13.4
AC400-79W47	47.4	3062	16.4	80.6	1.22	690	-	3.8	-	-	65	117	82.3 x 13.8 x 13.4
AC401-39W20	20	1530	16.4	98.6	0.6	450	-	2.2	-	-	63	92.6	49.1 x 25.6 x 11.8
AC401-59W32	32	2001	16.4	78.8	1.2	900	-	4	-	-	65	130	67.1 x 25.6 x 11.8
AC401-79W47	47.4	3060	16.4	80.6	1.2	900	-	4.2	-	-	66	160.9	87.5 x 25.6 x 11.8
AC402-39W22	23	1942	18	68.9	0.6	450	-	2.2	-	-	64	65	44.4 x 14.7 x 16.7
AC402-59W42	42.3	3060	18	75	1.2	900	-	4.2	-	-	66	101	71.2 x 14.7 x 16.7
AC402-79W51	54.9	3826	18	76.8	1.2	900	-	4.2	-	-	67	118	83.2 x 14.7 x 16.7
AC501-59W69	72	3885	19.7	90	2.14	1600	-	8	-	-	68	172	63.8 x 19.4 x 19.7
AC501-79W100	106	5709	19.7	90.7	2.14	1600	-	8	-	-	68	203	83.4 x 19.5 x 19.7
AC1000-39W20	20.5	1590	11.5	71.6	0.61	450	-	4	-	-	57	99	43.5 x 35 x 15.6
AC1000-79W50	50.4	3230	11.5	87.8	1.22	900	-	8	-	-	60	161	82.9 x 35 x 15.6
AC1001-79W24	24	1770	7	86	0.49	360	-	1.7	-	-	54	143.5	18.1(w) x 79.2(h)
AMBIENT HEATED MODELS (208V 1PH 60Hz)													
AC300-39A	-	1030	11.5	-	0.29	210	-	1.1	-	-	52	26.5	42 x 12.8 x 10.4
AC300-59A	-	1590	11.5	-	0.57	420	-	2.2	-	-	53	55	61.4 x 12.8 x 10.4
AC300-79A	-	2091	11.5	-	0.57	420	-	2.2	-	-	56	66.2	79.3 x 12.3 x 10.7
AC301-39A	-	1030	11.5	-	0.29	220	-	1.1	-	-	54	59.5	46.1 x 20.6 x 9.3
AC301-59A	-	1589	11.5	-	0.59	440	-	2	-	-	55	86	65.8 x 20.6 x 9.3
AC301-79A	-	2089	11.5	-	0.59	440	-	2.1	-	-	57	100	83.1 x 20.6 x 9.3
AC400-39A	-	1531	16.4	-	0.61	450	-	2.2	-	-	64	61.8	43.7 x 13.8 x 13.4
AC400-59A	-	2002	16.4	-	0.87	640	-	3	-	-	64	78.3	62 x 13.8 x 13.4
AC400-79A	-	3062	16.4	-	1.22	690	-	3.5	-	-	65	101.5	82.3 x 13.8 x 13.4
AC401-39A	-	1530	16.4	-	0.29	210	-	2.2	-	-	63	82.7	49.1 x 25 x 11.8
AC401-59A	-	2001	16.4	-	0.57	420	-	4	-	-	65	120.2	67.1 x 25 x 11.8
AC401-79A	-	3061	16.4	-	0.57	420	-	4.2	-	-	66	144.4	87.5 x 25 x 11.8
AC402-39A	-	1942	18	-	0.6	450	-	2.2	-	-	64	55.1	44.4 x 14.7 x 16.7
AC402-59A	-	3532	18	-	1.2	900	-	4.2	-	-	66	87.1	71.2 x 14.7 x 16.7
AC402-79A	-	3826	18	-	1.2	900	-	4.2	-	-	67	100.3	83.2 x 14.7 x 16.7
AC501-59A	-	4591	19.7	-	2.14	1600	-	8	-	-	69	149	63.8 x 18.9 x 19.7
AC501-79A	-	6592	19.7	-	2.14	1600	-	8	-	-	69	172	83.4 x 18.9 x 19.7

**** Sound Level is at 16.4ft distance***

WATER HEATED THERMAL CHARACTERISTICS (at 59ºF ambient room temp. and maximum airflow)									
MODEL	WATER TEMP. AT INLET/OUTLET (ºF)	203/158	176/140	140/104	MODEL	WATER TEMP. AT INLET/OUTLET (ºF)	203/158	176/140	140/104
AC300-39W12	HEAT OUTPUT (kW)	11.5	9.2	3.1	**AC401-59W32**	HEAT OUTPUT (kW)	32	25.8	13.2
	AIR TEMP. RISE (ºF)	75.2	66.2	42.8		AIR TEMP. RISE (ºF)	78.8	69.8	51.8
	WATER FLOW (GPH)	123.64	114.13	38.04		WATER FLOW (GPH)	332.89	332.89	171.2
AC300-59W20	HEAT OUTPUT (kW)	19.8	16	8	**AC401-79W47**	HEAT OUTPUT (kW)	47.4	38.3	21.4
	AIR TEMP. RISE (ºF)	78.8	71.6	68		AIR TEMP. RISE (ºF)	80.6	71.6	53.6
	WATER FLOW (GPH)	188.74	199.74	104.62		WATER FLOW (GPH)	494.58	494.58	275.83
AC300-79W28	HEAT OUTPUT (kW)	27.4	22.1	12.2	**AC402-39W22**	HEAT OUTPUT (kW)	23	18.3	5.2
	AIR TEMP. RISE (ºF)	80.6	73.4	55.4		AIR TEMP. RISE (ºF)	68.9	61.3	40.3
	WATER FLOW (GPH)	285.34	285.34	152.18		WATER FLOW (GPH)	238	238	67
AC301-39W13	HEAT OUTPUT (kW)	11.5	9.2	3.1	**AC402-59W42**	HEAT OUTPUT (kW)	42.3	34.1	18.4
	AIR TEMP. RISE (ºF)	75.2	66.2	42.8		AIR TEMP. RISE (ºF)	75	67	51
	WATER FLOW (GPH)	123.65	114.13	38.04		WATER FLOW (GPH)	437.5	437.5	237.78
AC301-59W20	HEAT OUTPUT (kW)	19.8	16	8	**AC402-79W51**	HEAT OUTPUT (kW)	54.9	44.3	24.8
	AIR TEMP. RISE (ºF)	78.8	71.6	68		AIR TEMP. RISE (ºF)	76.8	68.2	52.1
	WATER FLOW (GPH)	188.74	199.74	104.62		WATER FLOW (GPH)	570.7	570.7	313.9
AC301-79W28	HEAT OUTPUT (kW)	27.4	22.1	12.2	**AC501-59W69**	HEAT OUTPUT (kW)	72.2	59	31.3
	AIR TEMP. RISE (ºF)	81.3	73.4	55.4		AIR TEMP. RISE (ºF)	89.9	78.6	57.2
	WATER FLOW (GPH)	285.34	285.34	152.18		WATER FLOW (GPH)	751.4	751.4	399.5
AC400-39W20	HEAT OUTPUT (kW)	19.4	15.4	4.9	**AC501-79W100**	HEAT OUTPUT (kW)	107.6	86.8	49.5
	AIR TEMP. RISE (ºF)	98.6	91.4	69.8		AIR TEMP. RISE (ºF)	90.7	79.5	59
	WATER FLOW (GPH)	200	200	57		WATER FLOW (GPH)	1112.8	1122.3	637.3
AC400-59W32	HEAT OUTPUT (kW)	32	25.8	13.2	**AC1000-39W20**	HEAT OUTPUT (kW)	20.5	16.3	5
	AIR TEMP. RISE (ºF)	78.8	69.8	51.8		AIR TEMP. RISE (ºF)	71.6	64.4	41
	WATER FLOW (GPH)	332.89	332.89	171.2		WATER FLOW (GPH)	209.2	209.2	62.8
AC400-79W47	HEAT OUTPUT (kW)	47.4	38.3	21.4	**AC1000-79W50**	HEAT OUTPUT (kW)	50.4	40.6	22.4
	AIR TEMP. RISE (ºF)	80.6	71.6	53.6		AIR TEMP. RISE (ºF)	87.8	77	57.2
	WATER FLOW (GPH)	494.58	494.58	275.83		WATER FLOW (GPH)	504.1	513.61	285.34
AC401-39W20	HEAT OUTPUT (kW)	19.4	15.4	4.9	**AC1001-79W24**	HEAT OUTPUT (kW)	24	19.4	11
	AIR TEMP. RISE (ºF)	98.6	91.4	63.8		AIR TEMP. RISE (ºF)	54	43.2	25.2
	WATER FLOW (GPH)	200	200	57		WATER FLOW (GPH)	237.78	247.29	133.16

January 2022

Specifications subject to change without notice.
Due to limitations with the printing process, the products illustrated are representative only of the actual products.
Printed in Canada

CANARM® HVAC

CANARM.... PROVIDING CUSTOMERS WITH VALUE, KNOWLEDGE AND QUALITY PRODUCTS

CORPORATE HEAD OFFICE/
HVAC MANUFACTURING FACILITY
2157 Parkedale Avenue, PO Box 367
Brockville, Ontario K6V 5V6
Canada
Tel: (613) 342-5424
Fax: 1-800-263-4598

USA WAREHOUSE
808 Commerce Park Drive
Ogdensburg, New York 13669
USA
Tel: 1-800-267-4427
Fax: 1-800-263-4598

QUEBEC DISTRIBUTION CENTRE
2555 Rue Bernard Lefebvre
Laval, Quebec H7C 0A5
Canada
Tel: (450) 665-2535
Fax: (450) 665-0910