

SELF-CONTAINED



SLKA- SERIES STANDARD EFFICIENCY SELF-CONTAINED AIR CONDITIONERS 50 Hz MODELS



*Unit shown with
optional louver
panels installed.

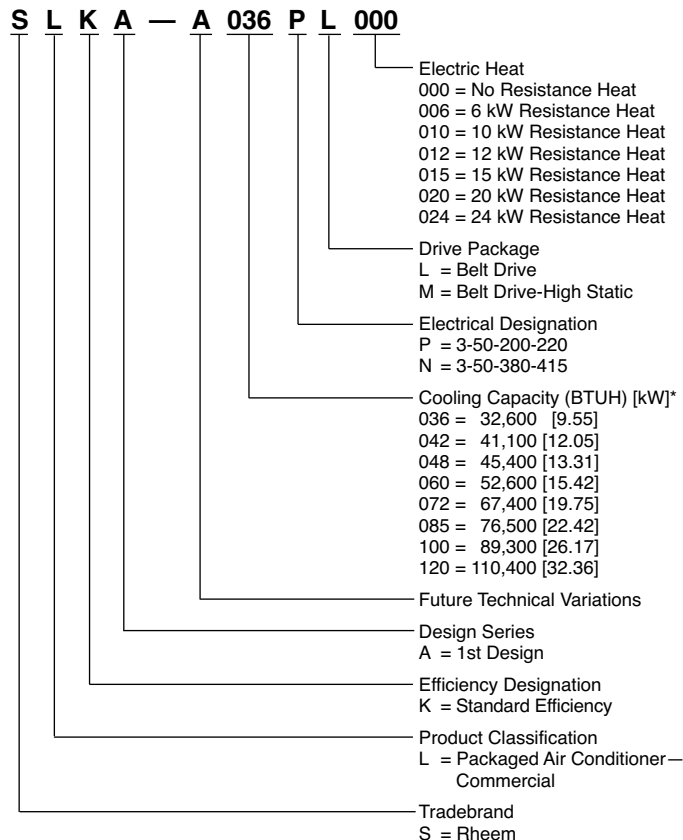
**Nominal Sizes 3 to 10 Tons
[10.6 to 35.2 kW]**



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MODEL IDENTIFICATION



*All cooling capacities shown are nominal gross capacities at 50 Hz.

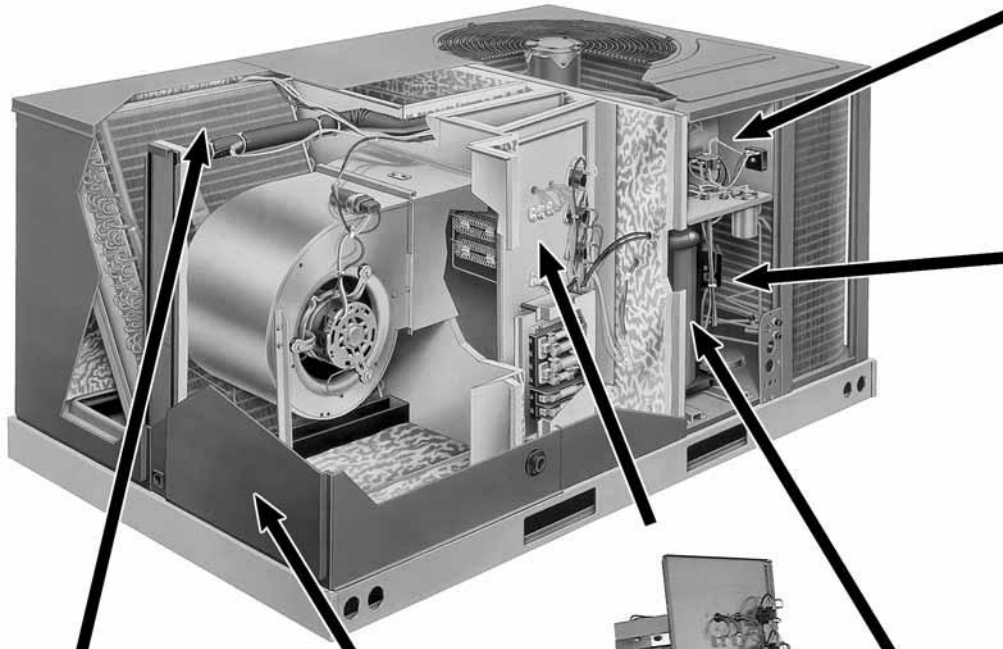
ENGINEERING FEATURES

SLKA- Series Self-Contained Air Conditioners

- All models feature Compliant Scroll® compressors offering maximum reliability, efficiency, and quiet operation. The 7.5, 9, & 10 ton [26.4-35.2 kW] models feature two-stage cooling.
- One-piece top over the indoor section with drip lip, drawn painted base pan, and 1" [25.4 mm] raised flanges for supply/return air connections provides superior water management.
- Convertible horizontal and vertical airflow design allows maximum field flexibility and minimizes inventory requirements.
- Reduced height baserail allows for three-high stacking in most high capacity export shipping containers (standard on SLKA-A100 and SLKA-A120 models; baserail is optional on SLKA-A036 and SLKA-A085 models and must be ordered for three-high stacking).
- Factory installed one-inch [25.4 mm] throw away filter with provisions for two-inch [50.8 mm] filter for 3-6 ton [10.6-21.1 kW] models and two-inch [50.8 mm] filters for 7.5, 9, & 10 ton [26.4-35.2 kW] models.
- Easily removable filter, blower, electric heat, and compressor/control access panels permits prompt service.
- Number and color coded wiring helps facilitate service and maintenance.
- Common cabinet and components allows for installation flexibility and fewer parts to inventory.
- Standard freezestat control offers evaporator coil freeze protection.
- Externally mounted refrigerant gauge ports for easy service diagnostics.
- Quick assembly common roof curbs helps save field labor and maximize size flexibility.
- Factory or field installed electric heat kits available up to 24 KW.
- Quality powder paint finish offers long lasting protection against extreme weather conditions and is able to withstand 1000 HR salt spray test.
- Standard cooling operation to 45°F [7°C].

[] Designates Metric Conversions

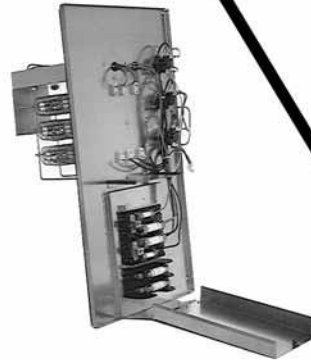
These quality features are included in the Rheem Self-Contained Outdoor Air Conditioning Unit



Control Box Access



Compressor Access
(SLKA-A036, 042, 048, 060, and 072 Models)



Optional Electric Heater Kit



Evaporator Coil/Filter Access

- Return air filters, normally provided, are removed in this photo.

- Non-corrosive plastic condensate pan



Compressor Access

- Dual compressors (available in SLKA-A085, 100 and 120 models only) provide two-stage cooling.

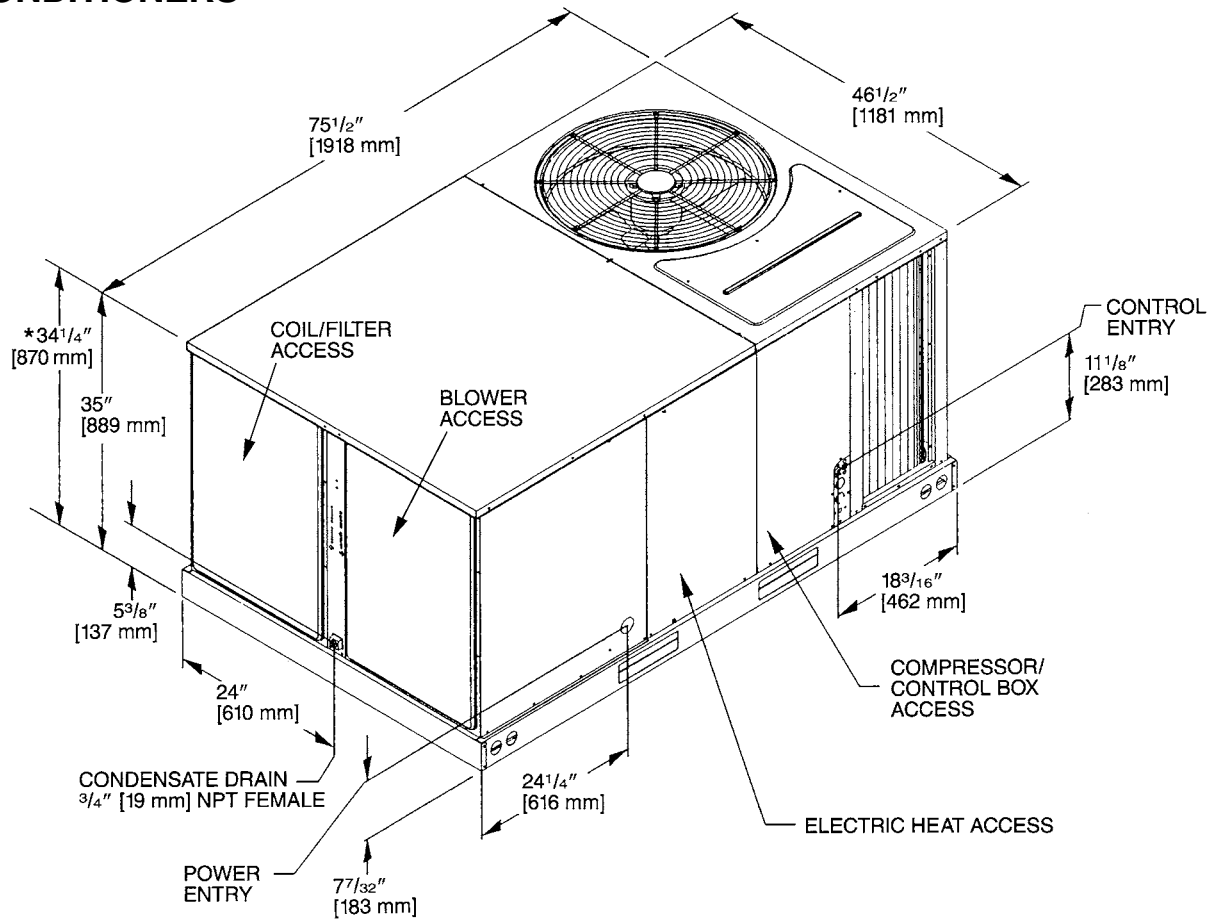


Blower Access

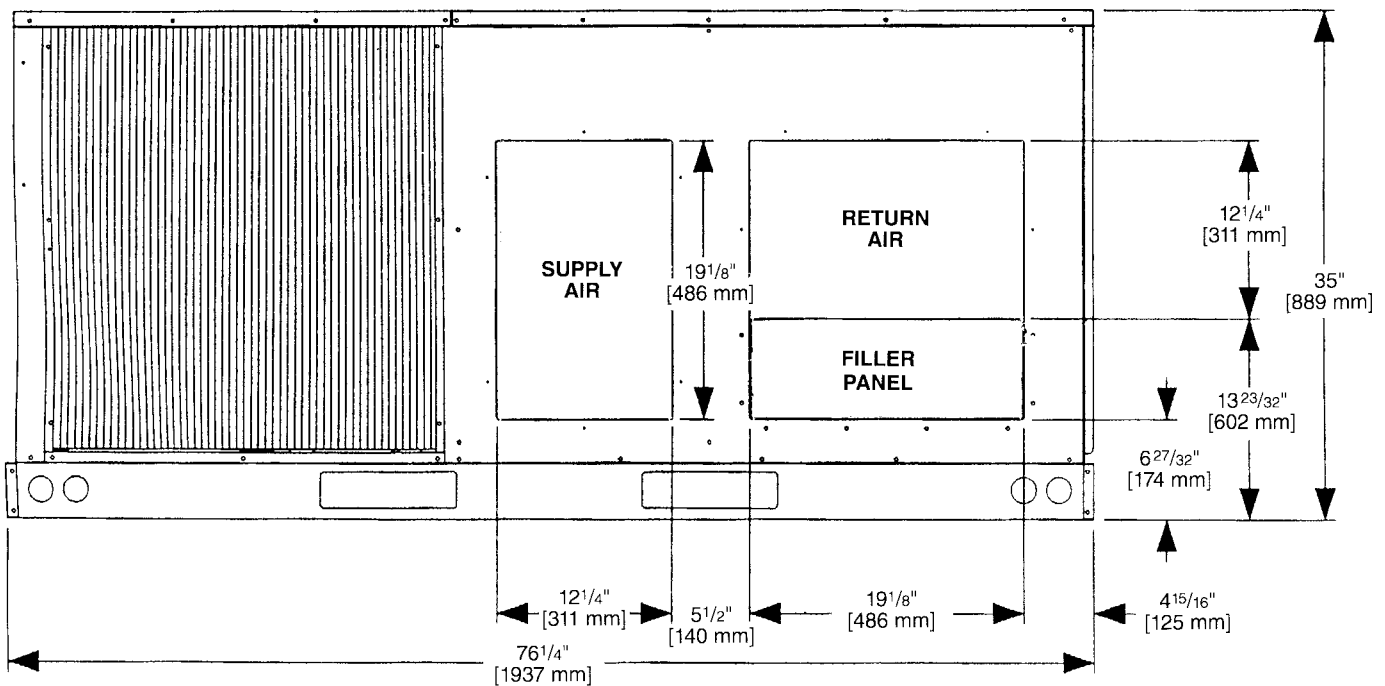
- Belt drive model shown. (available on 3-phase models only.)

UNIT DIMENSIONS SELF-CONTAINED AIR CONDITIONERS

SLKA-A036 THRU SLKA-A072 MODELS



SUPPLY AND RETURN DIMENSIONS

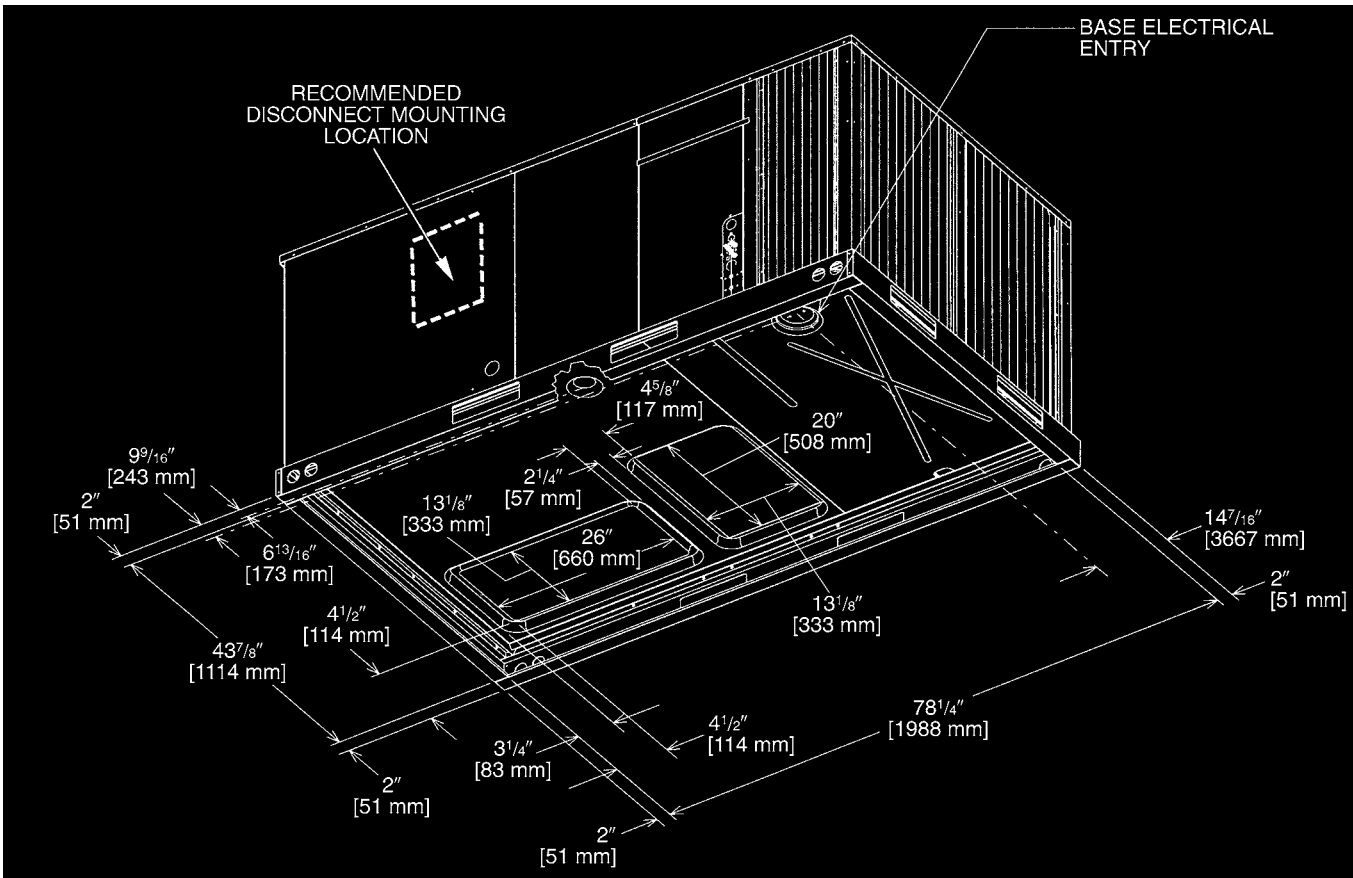
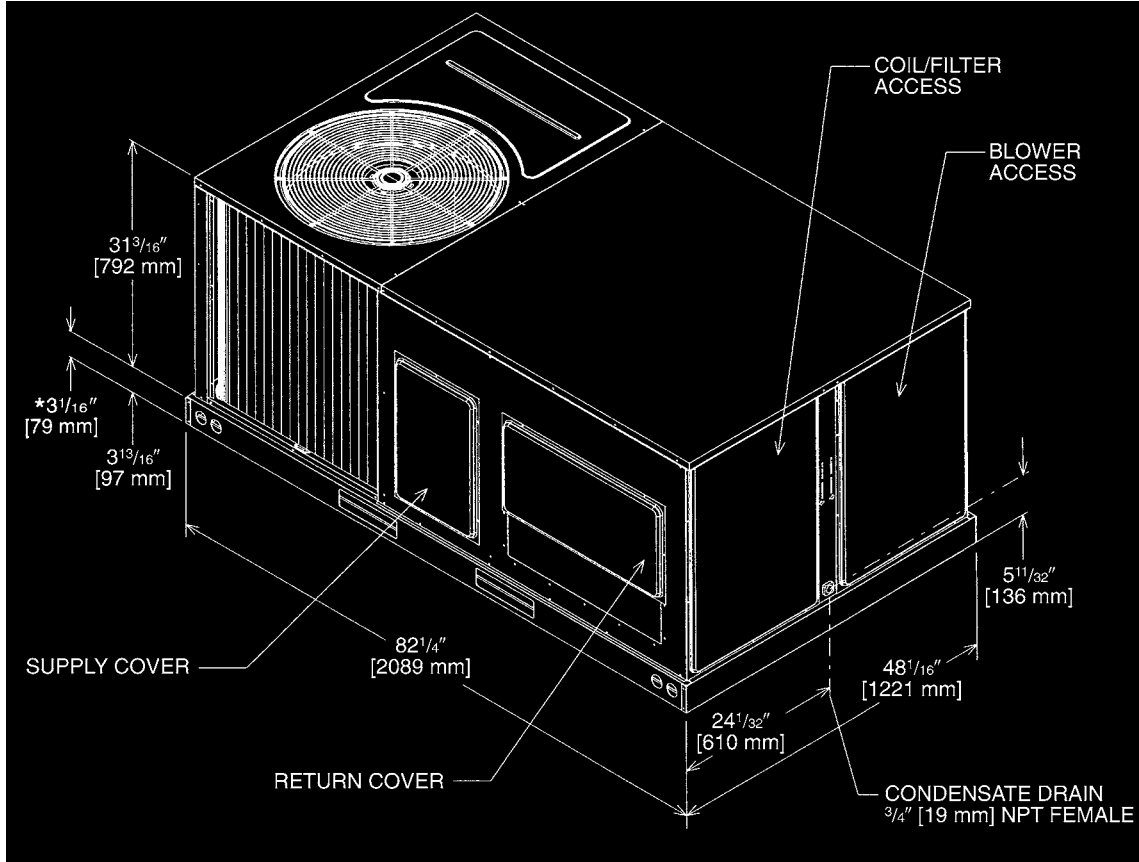


*Optional reduced height baserail is available. See page 20 for details.



**UNIT DIMENSIONS
SELF-CONTAINED
AIR CONDITIONERS**

SLKA-A085 THRU SLKA-A120 MODELS

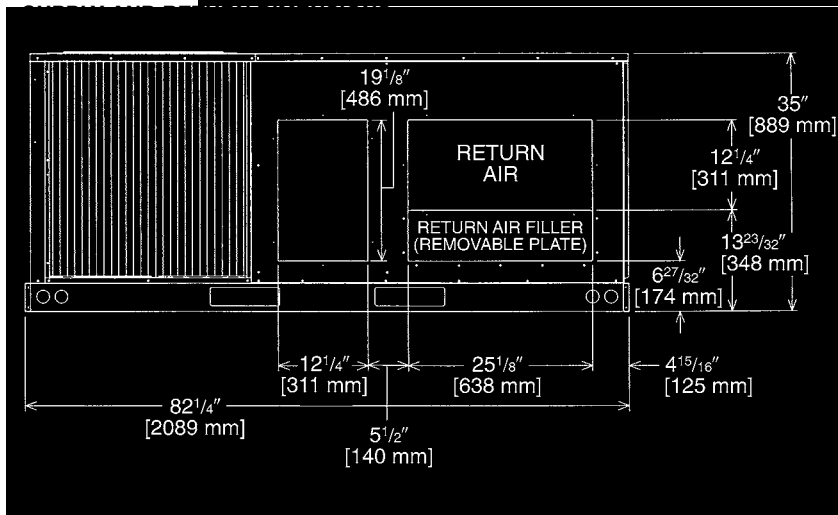
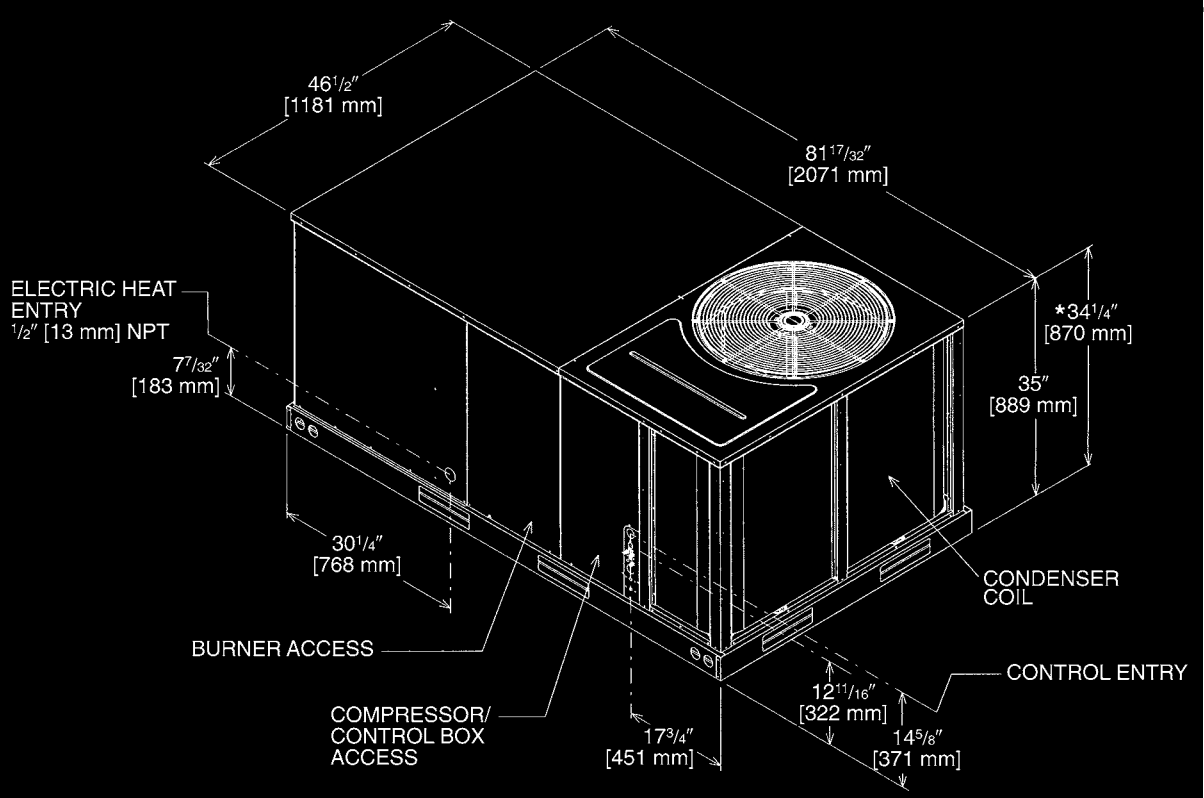


VIEW

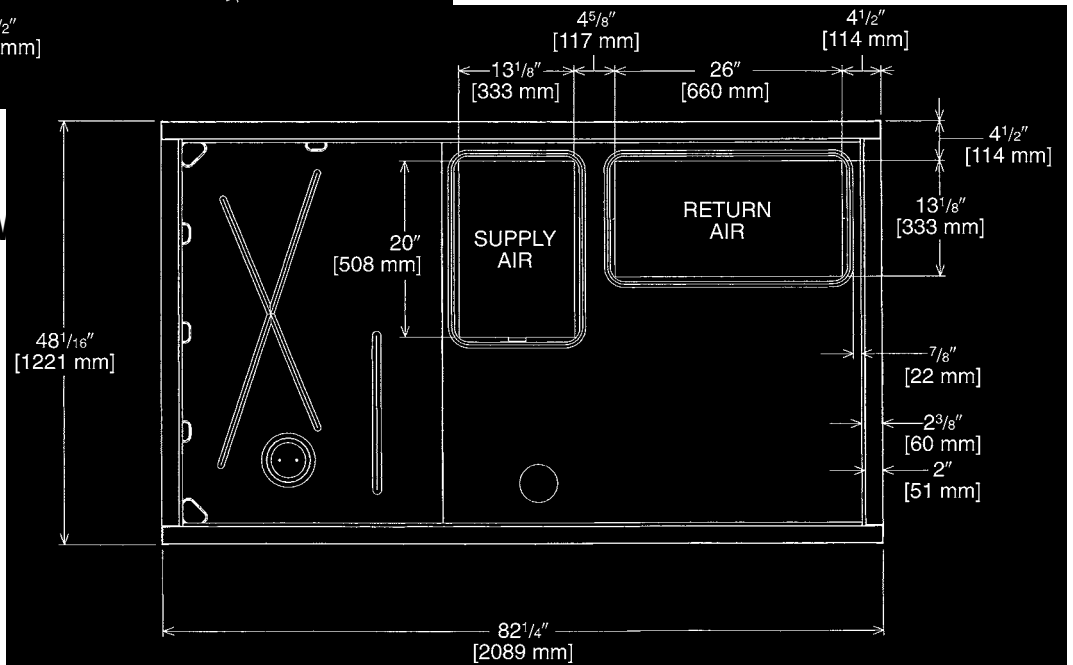
(Standard on SLKA-A100 & SLKA-A120 models). See page 26 for details


UNIT DIMENSIONS
SELF-CONTAINED
AIR COND

SLKA-A085 THRU SLKA-A120 MODELS



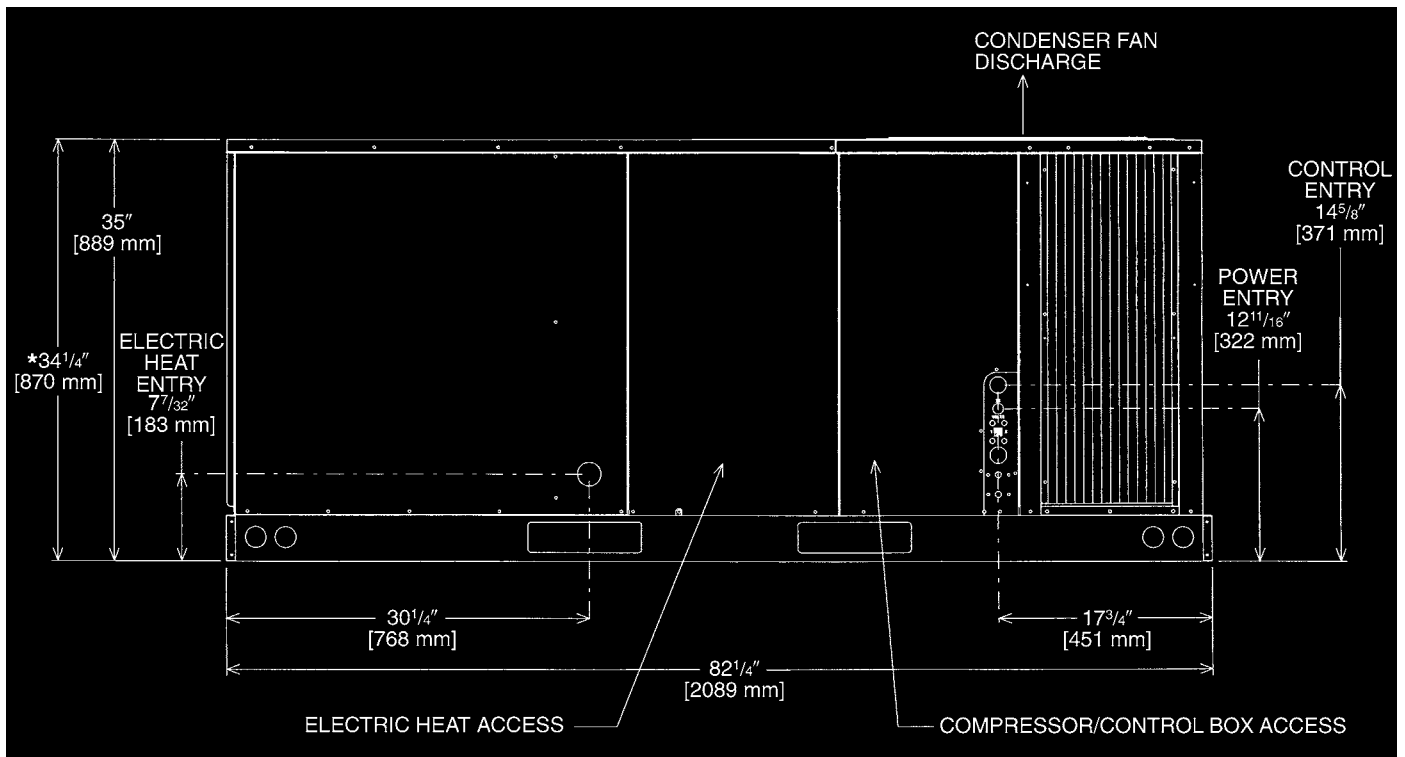
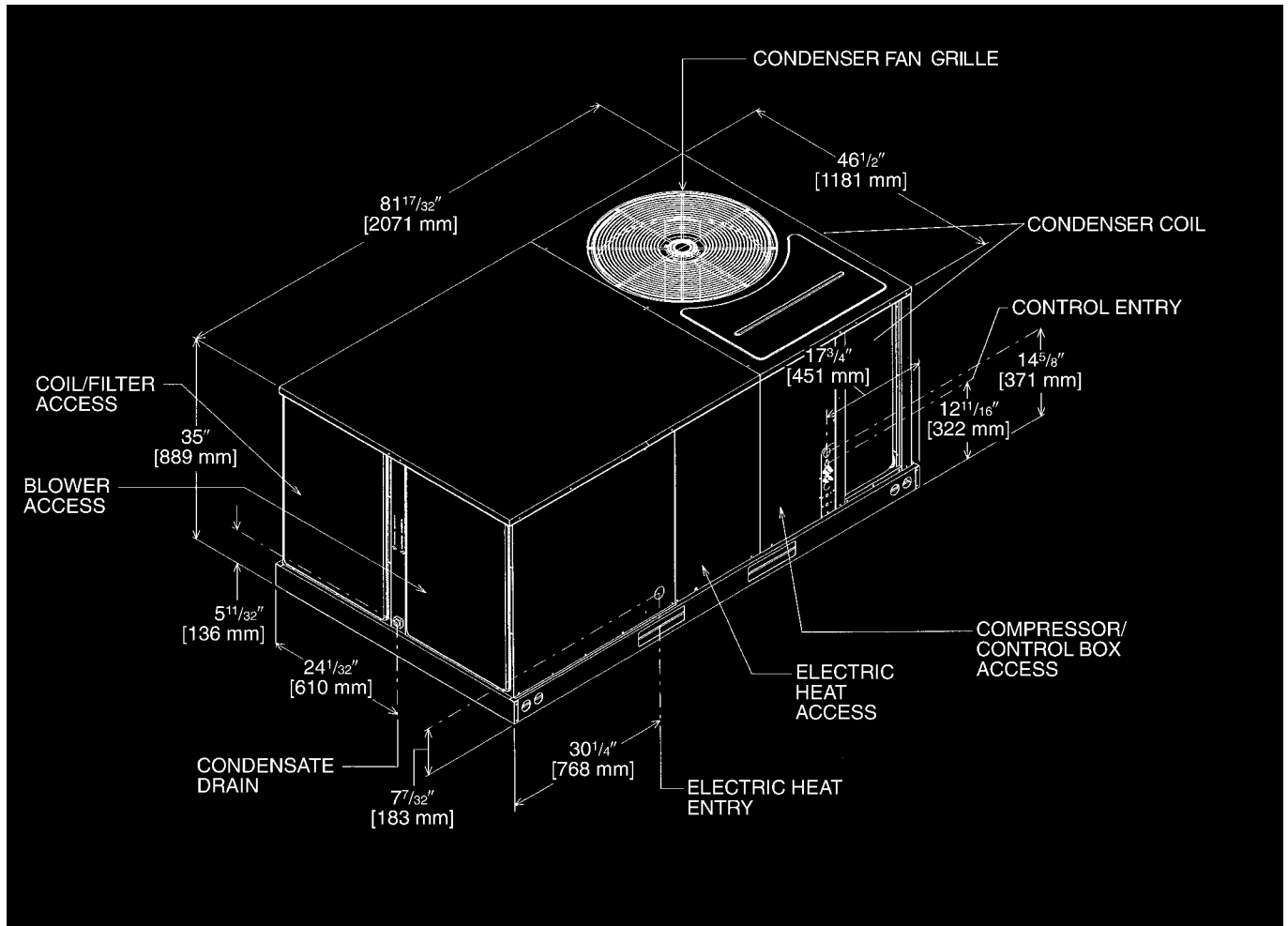
BOTTOM VIEW



*Optional **reduced height baserail** is available on SLKA-A085 models (Standard on SLKA-A100 & SLKA-A120 models). See page 20 for details 

UNIT DIMENSIONS SELF-CONTAINED AIR CONDITIONERS

SLKA-A085 THRU SLKA-A120 MODELS



*Optional **reduced height baserail** is available on SLKA-A085 models. (Standard on SLKA-A100 & SLKA-A120 models). See page 20 for details.

WEIGHTS

SLKA-Model	Shipping	Operating
	lbs [kg]	lbs [kg]
A036	520 [235.9]	513 [232.7]
A042	536 [243.1]	529 [240.0]
A048	580 [263.1]	573 [259.9]
A060	580 [263.1]	573 [259.9]
A072	615 [279.0]	608 [275.8]
A085	628 [285.0]	619 [281.0]
A100	669 [303.5]	660 [299.4]
A120	678 [307.5]	669 [303.5]

CLEARANCES

The following minimum clearances must be observed for proper unit performance and serviceability.

Recommended Clearance in. [mm]	Location
48 [1219]	A - Front
18 [457]	B - Condenser Coil
12 [305]	C - Duct Side
36 [914]	D - Evaporator End
60 [1524]	E - Above

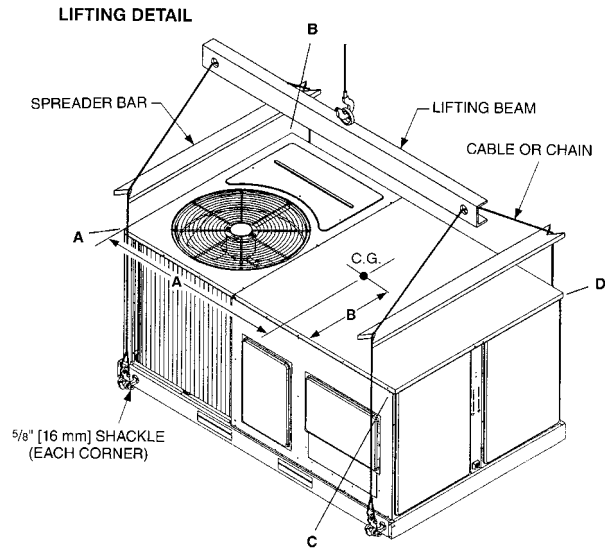
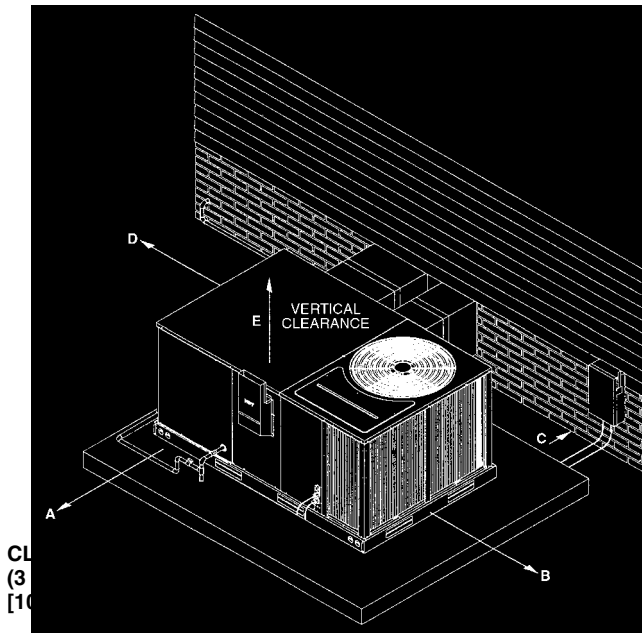
*Without Economizer. 57" [1448 mm] With Economizer

NOTE: Supply duct may be installed with "0" inch clearance to combustible materials, provided 1" [25.4 mm] minimum. Fiberglass insulation is applied either inside or on the outside of the duct.

CENTER OF GRAVITY (C.G.)

Models	A in. [mm]	B in. [mm]
036, 042, 048, 060, 072	38 ¹ / ₄ [972]	25 ³ / ₄ [654]
085, 100, 120	39 [991]	26 ¹ / ₈ [664]

Models	Corner Weights by Percentage			
	A	B	C	D
036, 042, 048, 060, 072	22%	27%	23%	28%
085, 100, 120	23%	29%	21%	27%



PERFORMANCE DATA SELF-CONTAINED AIR CONDITIONER—STANDARD EFFICIENCY

Model No. SLKA-	Cooling Performance					
	Gross Cooling Capacity					
	Indoor Air 80°F [26.5°C] DB/67°F [19.5°C] WB Outdoor Air 95°F [35.0°C] DB Design Conditions					
	Total Gross Capacity BTU/H [kW]	Gross Sens. BTU/H [kW]	Gross Latent BTU/H [kW]	EER	Sound Rating ①	Indoor CFM [L/s]
A036	32,600 [9.55]	26,200 [7.68]	6,400 [1.86]	9.60	78.0	1100 [520]
A042	41,100 [12.05]	31,100 [9.11]	10,000 [2.88]	10.20	78.0	1300 [615]
A048	45,400 [13.31]	34,600 [10.14]	10,800 [3.18]	11.00	78.0	1500 [710]
A060	52,600 [15.42]	40,900 [11.99]	11,700 [3.45]	10.10	78.0	1800 [850]
A072	67,400 [19.75]	49,800 [14.59]	17,600 [5.16]	10.50	83.0	2100 [990]
A085	76,500 [22.42]	57,100 [16.73]	19,400 [5.69]	9.50	83.0	2400 [1135]
A100	89,300 [26.17]	66,300 [19.43]	23,000 [6.75]	7.90	83.0	2900 [1370]
A120	110,400 [32.36]	82,400 [24.15]	28,000 [8.21]	7.70	83.0	3400 [1605]

① Sound rating in dB in accordance with AHRI Standard 270.

[] Designates Metric Conversions

ELECTRICAL AND PHYSICAL DATA

Model No. SLKA-	ELECTRICAL										PHYSICAL					
	Phase Frequency (Hz) Voltage (Volts)	Compressor		Full Load Amperes (FLA)		Minimum Circuit Ampacity Amperes	Fuse or HACR Circuit Breaker		Drive Type	Filter Recommended No. and Size [mm x mm x mm]	Outdoor Coil			R22 Oz. [g]	Weight	
		Rated Load Amperes (RLA)	Locked Rotor Amperes (LRA)	Fan Motor	Blower Motor		Minimum Amperes	Maximum Amperes			Area Sq. Ft. [Sq. m]	No. Rows	CFM [L/s]		Net Lbs. [kg]	Ship Lbs. [kg]
A036N	3-50-380-415	6.1/6.1	46	1.0	1.6	11/11	15/15	15/15	Belt	(2) 1 x 16 x 25 [25 x 406 x 635]	11.0 [1.022]	1.00	3000 [1416]	62 [1758]	513 [232.7]	520 [235.9]
A036P	3-50-200-220	12.4/12.4	95	2.0	3.4	21/21	25/25	30/30	Belt	(2) 1 x 16 x 25 [25 x 406 x 635]	11.0 [1.022]	1.00	3000 [1416]	62 [1758]	513 [232.7]	520 [235.9]
A042N	3-50-380-415	7.4/7.4	46	1.0	1.6	12/12	15/15	15/15	Belt	(2) 1 x 16 x 25 [25 x 406 x 635]	11.0 [1.022]	1.00	3000 [1416]	69 [1956]	529 [240.0]	536 [243.1]
A042P	3-50-200-220	14.0/14.0	95	2.0	3.4	23/23	30/30	35/35	Belt	(2) 1 x 16 x 25 [25 x 406 x 635]	11.0 [1.022]	1.00	3000 [1416]	69 [1956]	529 [240.0]	536 [243.1]
A048N	3-50-380-415	7.4/7.4	50	1.0	1.6	12/12	15/15	15/15	Belt	(2) 1 x 16 x 25 [25 x 406 x 635]	16.9 [1.570]	1.00	3330 [1572]	94 [2665]	573 [259.9]	580 [263.1]
A048P	3-50-200-220	14.7/14.7	98	2.0	3.4	24/24	30/30	35/35	Belt	(2) 1 x 16 x 25 [25 x 406 x 635]	16.9 [1.570]	1.00	3330 [1572]	94 [2665]	573 [259.9]	580 [263.1]
A060N	3-50-380-415	9.0/9.0	64	1.0	1.9	15/15	20/20	20/20	Belt	(2) 1 x 16 x 25 [25 x 406 x 635]	16.6 [1.542]	1.50	3080 [1454]	109 [3090]	573 [259.9]	580 [263.1]
A060P	3-50-200-220	17.7/17.7	150	2.0	3.8	28/28	35/35	45/45	Belt	(2) 1 x 16 x 25 [25 x 406 x 635]	16.6 [1.542]	1.50	3080 [1454]	109 [3090]	573 [259.9]	580 [263.1]
A072N	3-50-380-415	10.3/10.3	74	1.3	2.8	17/17	20/20	25/25	Belt	(2) 1 x 16 x 25 [25 x 406 x 635]	16.6 [1.542]	2.00	3330 [1572]	160 [4536]	608 [275.8]	615 [279.0]
A072P	3-50-200-220	18.6/18.6	172	2.6	5.8	32/32	40/40	50/50	Belt	(2) 1 x 16 x 25 [25 x 406 x 635]	16.6 [1.542]	2.00	3330 [1572]	160 [4536]	608 [275.8]	615 [279.0]
*A085N	3-50-380-415	7.2/7.2	46	1.3	2.8	21/21	25/25	25/25	Belt	(4) 2 x 16 x 16 [50 x 406 x 406]	16.6 [1.542]	2.00	3330 [1572]	192 [5443]	619 [280.8]	628 [284.9]
*A085P	3-50-200-220	13.2/13.2	95	2.6	5.8	39/39	45/45	50/50	Belt	(4) 2 x 16 x 16 [50 x 406 x 406]	16.6 [1.542]	2.00	3330 [1572]	192 [5443]	619 [280.8]	628 [284.9]
*A100N	3-50-380-415	9.0/9.0	64	1.4	2.9	25/25	30/30	30/30	Belt	(4) 2 x 16 x 16 [50 x 406 x 406]	16.6 [1.542]	2.00	3500 [1652]	176 [4990]	660 [299.4]	669 [303.5]
*A100P	3-50-200-220	17.3/17.3	135	2.6	5.8	48/48	60/60	60/60	Belt	(4) 2 x 16 x 16 [50 x 406 x 406]	16.6 [1.542]	2.00	3500 [1652]	176 [4990]	660 [299.4]	669 [303.5]
*A120NL	3-50-380-415	9.0	75	2.6	2.9	26/26	30/30	30/30	Belt	(4) 2 x 16 x 16 [50 x 406 x 406]	16.6 [1.542]	2.00	4200 [1982]	198 [5613]	669 [303.5]	678 [307.5]
*A120NM	3-50-380-415	9.0	75	2.5	4.6	28/28	35/35	35/35	Belt	(4) 2 x 16 x 16 [50 x 406 x 406]	16.6 [1.542]	2.00	4200 [1982]	198 [5613]	669 [303.5]	678 [307.5]
*A120PL	3-50-200-220	18.6/18.6	172	5.0	5.8	53/53	60/60	70/70	Belt	(4) 2 x 16 x 16 [50 x 406 x 406]	16.6 [1.542]	2.00	4200 [1982]	198 [5613]	669 [303.5]	678 [307.5]
*A120PM	3-50-200-220	18.6/18.6	172	5.0	9.2	57/57	70/70	70/70	Belt	(4) 2 x 16 x 16 [50 x 406 x 406]	16.6 [1.542]	2.00	4200 [1982]	198 [5613]	669 [303.5]	678 [307.5]

*Units utilize two (2) compressors. Data shown for one (1) compressor only.

[] Designates Metric Conversions

AIRFLOW PERFORMANCE—6 TON [21.10 kW] (SLKA-A072)

Drive		6 Ton [21.10 kW] 50 Hz Models																	
		External Static Pressure—Inches of Water [kPa]																	
		0.1 [.02]			0.2 [.05]			0.3 [.07]			0.4 [.10]			0.5 [.12]			0.6 [.15]		
CFM [L/s]	RPM	WATTS	RPM	WATTS	RPM	WATTS	RPM	WATTS	RPM	WATTS	RPM	WATTS	RPM	WATTS	RPM	WATTS	RPM	WATTS	
1600 [755]	—	—	—	—	—	—	800	530	845	570	890	620	890	620	965	650	—	—	—
1800 [850]	—	—	—	—	—	—	835	615	885	665	935	715	935	715	985	805	—	—	—
2000 [944]	—	—	—	—	—	—	885	720	930	770	985	845	985	845	1020	920	—	—	—
2100 [991]	805	645	860	720	905	775	970	900	985	840	1005	930	1040	1000	1040	965	—	—	—
2200 [1038]	835	675	895	780	970	900	1005	1020	—	—	—	—	—	—	—	—	—	—	—
2400 [1133]	900	840	960	840	935	1020	—	—	—	—	—	—	—	—	—	—	—	—	—
2600 [1227]	1020	1120	1040	1160	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Drive Package		L					
Motor H.P. [W]		1 1/2 H.P. [1118.5 W]					
Blower Sheave		6.4 Pitch Diameter					
Motor Sheave		3.4-4.4 Pitch Diameter					
Turns Open	0	1	2	4	5	6	
RPM	805	845	885	965	1000	1040	

AIRFLOW PERFORMANCE—7.5 TON [26.4 kW] (SLKA-A085)

CFM [L/s]		7.5 Ton [26.4 kW] 50 Hz Models																										
		External Static Pressure—Inches of Water [kPa]																										
		0.1 [.02]		0.2 [.05]		0.3 [.07]		0.4 [.10]		0.5 [.12]		0.6 [.15]		0.7 [.17]		0.8 [.20]		0.9 [.22]		1.0 [.25]		1.1 [.27]		1.2 [.30]		1.3 [.32]		1.4 [.35]
RPM	WATTS	RPM	WATTS	RPM	WATTS	RPM	WATTS	RPM	WATTS	RPM	WATTS	RPM	WATTS	RPM	WATTS	RPM	WATTS	RPM	WATTS	RPM	WATTS	RPM	WATTS	RPM	WATTS	RPM	WATTS	
1900 [897]	740	741	773	794	807	838	841	876	874	912	908	945	941	977	975	1007	1009	1037	1042	1065	1076	1093	1109	1121	1143	1148	1177	1174
2000 [944]	762	782	795	838	829	884	862	925	896	962	930	997	963	1030	997	1063	1030	1094	1064	1124	1098	1153	1131	1182	1165	1211	—	—
2100 [991]	783	826	817	885	851	934	884	977	918	1016	951	1053	985	1088	1019	1122	1052	1155	1086	1187	1119	1218	1153	1249	—	—	—	—
2200 [1038]	805	873	839	936	873	987	906	1033	940	1075	973	1114	1007	1151	1041	1187	1074	1222	1108	1256	1141	1289	1175	1321	—	—	—	—
2300 [1085]	827	925	861	991	894	1046	928	1094	962	1138	995	1180	1029	1219	1062	1257	1096	1294	1130	1330	1163	1365	—	—	—	—	—	—
2400 [1133]	849	981	883	1051	916	1109	950	1160	983	1207	1017	1251	1051	1293	1084	1333	1118	1372	1151	1410	—	—	—	—	—	—	—	—
2500 [1180]	871	1041	905	1116	938	1177	972	1232	1005	1281	1039	1328	1073	1373	1106	1415	1140	1457	1173	1497	—	—	—	—	—	—	—	—
2600 [1227]	893	1107	926	1186	960	1251	994	1309	1027	1362	1061	1412	1094	1459	1128	1504	1162	1548	—	—	—	—	—	—	—	—	—	—
2700 [1274]	915	1178	948	1263	982	1332	1015	1393	1049	1449	1083	1502	1116	1553	1150	1601	—	—	—	—	—	—	—	—	—	—	—	—
2800 [1321]	936	1255	970	1345	1004	1419	1037	1484	1071	1544	1104	1601	1138	1654	1172	1706	—	—	—	—	—	—	—	—	—	—	—	—
2900 [1369]	958	1339	992	1435	1026	1514	1059	1583	1093	1647	1126	1707	1160	1765	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3000 [1416]	980	1429	1014	1532	1047	1616	1081	1691	1115	1759	1148	1823	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

NOTE: L-Drive left of bold line, M-Drive right of bold line.

Drive Package		L						M						
Motor H.P. [W]		1 1/2 [1118.5]						1 1/2 [1118.5]						
Blower Sheave		AK66						AK59						
Motor Sheave		1VP-50						1VP-50						
Turns Open	0	1	2	3	4	5	6	0	1	2	3	4	5	6
RPM	1063	1058	1017	941	829	681	497	1181	1137	1093	1047	1001	953	905
Shipped at 3 1/2 Turns Open														
Shipped at 2 Turns Open														

[] Designates Metric Conversions

AIRFLOW PERFORMANCE—9 TON [31.7 kW] (SLKA-A100)

CFM [L/s]	9 Ton [31.7 kW] 50 Hz Models																						
	External Static Pressure—Inches of Water [kPa]																						
	0.1 [0.02]	0.2 [0.05]	0.3 [0.07]	0.4 [0.10]	0.5 [0.12]	0.6 [0.15]	0.7 [0.17]	0.8 [0.20]	0.9 [0.22]	1.0 [0.25]	1.1 [0.27]	1.2 [0.30]	1.3 [0.32]										
RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W										
2400 [1133]	—	877	690	916	766	955	842	993	918	1032	994	1071	1110	1147	1223	1242	1211	1325	1246	1447	1281	1491	
2500 [1180]	862	709	901	785	940	862	979	938	1014	1056	1090	1095	1166	1134	1243	1199	1355	1234	1438	1268	1521	1303	872
2600 [1227]	887	805	925	881	964	958	1003	1034	1042	1110	1080	1186	1119	1262	1151	1303	1385	1221	1468	1256	1551	1634	—
2700 [1274]	911	901	949	977	988	1054	1027	1130	1066	1129	1104	1282	1143	1358	1174	1416	1209	1499	1244	1581	1279	1664	—
2800 [1321]	935	997	974	1073	1012	1149	1051	1226	1090	1302	1129	1378	1161	1446	1196	1529	1231	1612	1694	1301	1777	—	
2900 [1369]	959	1093	998	1169	1036	1245	1075	1322	1114	1398	1149	1476	1184	1559	1219	1642	1254	1725	1289	1807	—	—	
3000 [1416]	983	1189	1022	1265	1061	1341	1099	1418	1138	1494	1172	1589	1206	1672	1241	1755	1276	1838	—	—	—	—	
3100 [1463]	1007	1285	1046	1361	1085	1437	1124	1514	1159	1619	1194	1702	1259	1785	1264	1868	1299	1951	—	—	—	—	
3200 [1510]	1031	1381	1070	1457	1109	1533	1148	1609	1182	1732	1217	1815	1251	1898	1286	1981	1321	2064	—	—	—	—	
3300 [1557]	1056	1477	1094	1553	1133	1629	1169	1763	1204	1846	1239	1928	1274	2011	—	—	—	—	—	—	—	—	
3400 [1605]	1080	1573	1118	1649	1157	1793	1192	1876	1227	1959	1262	2041	1296	2124	—	—	—	—	—	—	—	—	
3500 [1652]	1104	1669	1143	1745	1179	1906	1214	1989	1249	2072	1284	2154	—	—	—	—	—	—	—	—	—	—	
3600 [1699]	1128	1765	1167	1836	1202	2019	1237	2102	1272	2185	—	—	—	—	—	—	—	—	—	—	—	—	

NOTE: L-Drive left of bold line, M-Drive right of bold line.

Drive Package	L	M
Motor H.P. [W]	2.0 [1491.4]	2.0 [1491.4]
Blower Sheave	AK59	AK59
Motor Sheave	1VP-50	1VP-56
Turns Open	0	1 2 3 4 5 6
RPM	1148	1099 1049 1000 950 901 851 805 1258 1211 1164 1117 1070 1023

AIRFLOW PERFORMANCE—10 TON [35.2 kW] (SLKA-A120)

CFM [L/s]	10 Ton [35.2 kW] 50 Hz Models																																										
	External Static Pressure—Inches of Water [kPa]																																										
	0.1 [0.02]	0.2 [0.05]	0.3 [0.07]	0.4 [0.10]	0.5 [0.12]	0.6 [0.15]	0.7 [0.17]	0.8 [0.20]	0.9 [0.22]	1.0 [0.25]	1.1 [0.27]	1.2 [0.30]	1.3 [0.32]	1.4 [0.35]	1.5 [0.37]	1.6 [0.40]	1.7 [0.42]	1.8 [0.45]	1.9 [0.47]	2.0 [0.50]																							
RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W																						
2400 [1133]	—	—	—	—	—	1033	1060	1064	1125	1096	1189	1127	1254	1158	1318	1190	1383	1221	1447	1252	1512	1283	1576	1315	1641	1327	1515	1634	1322	1592	1348	1690	1374	1788	1400	1866	1426	1984	1452	2082			
2500 [1180]	—	—	—	—	—	1023	1104	1055	1168	1086	1233	1117	1297	1149	1362	1180	1426	1211	1491	1242	1555	1274	1620	1305	1684	1322	1592	1348	1690	1374	1788	1400	1866	1426	1984	1452	2082						
2600 [1227]	—	—	—	—	—	1045	1212	1076	1276	1108	1341	1139	1405	1170	1470	1201	1534	1233	1599	1264	1663	1295	1728	1316	1689	1342	1767	1369	1665	1395	1963	1421	2061	1447	2159	1473	2257						
2700 [1274]	—	—	—	—	—	1035	1255	1067	1320	1098	1384	1129	1449	1160	1513	1192	1578	1223	1642	1254	1707	1285	1771	1317	1836	1337	1844	1363	1942	1389	2040	1416	2138	1442	2236	1468	2334	1494	2432				
2800 [1321]	—	—	—	—	—	1026	1299	1057	1363	1088	1428	1119	1492	1151	1557	1182	1621	1213	1686	1244	1750	1276	1815	1307	1880	1332	1920	1358	2019	1384	2117	1410	2215	1436	2313	1463	2411	1489	2509	1515	2607		
2900 [1369]	—	—	—	—	—	1047	1407	1078	1471	1110	1536	1141	1600	1172	1665	1203	1729	1235	1794	1266	1859	1297	1923	1326	1997	1352	2095	1379	2193	1405	2291	1431	2389	1457	2488	1483	2586	1510	2684	1536	2782		
3000 [1416]	—	—	—	—	—	1037	1450	1069	1515	1100	1579	1131	1644	1162	1708	1194	1773	1225	1837	1256	1902	1288	1967	1319	2031	1347	2172	1373	2270	1399	2368	1426	2466	1452	2564	1478	2662	1504	2760	1530	2859	1557	2957
3100 [1463]	1028	1494	1059	1558	1090	1623	1121	1687	1153	1752	1184	1816	1215	1881	1247	1946	1278	2010	1309	2075	1342	2249	1368	2347	1394	2445	1420	2543	1446	2641	1473	2739	1499	2837	1525	2935	1551	3033	1577	3131			
3200 [1510]	1049	1602	1080	1666	1112	1731	1143	1795	1174	1860	1206	1925	1237	1989	1268	2054	1299	2118	1336	2326	1363	2424	1389	2522	1415	2620	1441	2718	1467	2816	1493	2914	1520	2914	1520	2914	1520	2914	1520	2914	1520	2914	
3300 [1557]	1071	1710	1102	1774	1133	1839	1165	1904	1196	1968	1227	2033	1258	2097	1290	2162	1321	2226	1357	2501	1383	2599	1410	2697	1436	2795	1462	2893	1488	2991	1514	3089	1540	3187	1567	3285	—	—	—	—			
3400 [1605]	1092	1818	1124	1882	1155	1947	1186	2012	1217	2076	1249	2141	1280	2205	1311	2270	1352	2577	1378	2675	1404	2774	1430	2872	1457	2970	1483	3068	1509	3166	1535	3264	1561	3362	—	—	—	—	—				
3500 [1652]	1114	1926	1145	1991	1176	2055	1208	2120	1239	2184	1270	2249	1301	2313	1346	2354	1373	2752	1399	2850	1425	2948	1451	3046	1477	3144	1503	3243	1530	3341	1556	3439	—	—	—	—	—	—					
3600 [1699]	1135	2034	1167	2099	1198	2163	1244	2228	1260	2292	1292	2357	1323	2421	1367	2490	1393	2927	1420	3025	1446	3123	1472	3221	1498	3319	1524	3417	1550	3515	1577	3614	—	—	—	—	—	—	—				
3700 [1746]	1155	2144	1175	2215	1219	2260	1260	2315	1290	2365	1325	2395	1360	2490	1390	2860	1425	2990	1490	3060	1530	3180	1570	3290	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
3800 [1793]	1170	2269	1210	2290	1235	2310	1280	2340	1315	2390	1320	2470	1385	2540	1415	2890	1460	3040	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			

NOTE: L-Drive left of bold line, M-Drive right of bold line.

Drive Package	L	M
Motor H.P. [W]	2.0 [1491.4]	3.0 [2237.1]
Blower Sheave	AK59	AK59
Motor Sheave	1VP-56	1VP-62
Turns Open	0	1 2 3 4 5 6
RPM	1325	1275 1224 1174 1123 1073 1022 953 1499 1461 1423 1385 1348 1310

NOTE: Factory sheave settings are shown in bold print.

[] Designates Metric Conversions

GROSS SYSTEMS PERFORMANCE DATA—SLKA-A036N/P

ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①											
wbE		71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]			
CFM [L/s]		1380 [651.3]	1100 [519.1]	830 [391.7]	1380 [651.3]	1100 [519.1]	830 [391.7]	1380 [651.3]	1100 [519.1]	830 [391.7]	
DR ①		.12	.07	.01	.12	.07	.01	.12	.07	.01	
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW] Sens BTUH [kW] Power	40.7 [11.93] 27.7 [8.12] 2.5	39.3 [11.51] 24.7 [7.24] 2.4	37.8 [11.08] 21.6 [6.33] 2.3	39.1 [11.46] 32.7 [9.58] 2.4	37.6 [11.02] 29.6 [8.67] 2.4	36.1 [10.58] 26.6 [7.79] 2.3	35.0 [10.26] 34.9 [10.23] 2.4	33.5 [9.82] 31.9 [9.35] 2.4	32.0 [9.38] 28.8 [8.44] 2.3
	80 [26.7]	Total BTUH [kW] Sens BTUH [kW] Power	38.1 [11.16] 25.7 [7.53] 2.6	36.7 [10.75] 22.6 [6.62] 2.5	35.2 [10.31] 19.6 [5.74] 2.5	36.5 [10.69] 30.6 [8.97] 2.6	35.0 [10.26] 27.6 [8.09] 2.5	33.5 [9.82] 24.5 [7.18] 2.5	32.4 [9.50] 32.4 [9.50] 2.6	30.9 [9.05] 29.8 [8.73] 2.5	29.4 [8.61] 26.7 [7.82] 2.4
	85 [29.4]	Total BTUH [kW] Sens BTUH [kW] Power	36.7 [10.75] 24.6 [7.21] 2.7	35.2 [10.31] 21.6 [6.33] 2.7	33.7 [9.87] 18.5 [5.42] 2.6	35.0 [10.26] 29.6 [8.67] 2.7	33.5 [9.82] 26.5 [7.76] 2.7	32.1 [9.41] 23.5 [6.89] 2.6	30.9 [9.05] 30.9 [9.05] 2.7	29.4 [8.61] 28.8 [8.44] 2.6	28.0 [8.20] 25.7 [7.53] 2.6
	90 [32.2]	Total BTUH [kW] Sens BTUH [kW] Power	36.0 [10.55] 24.3 [7.12] 2.9	34.5 [10.11] 21.2 [6.21] 2.8	33.1 [9.70] 18.2 [5.33] 2.8	34.4 [10.08] 29.2 [8.56] 2.9	32.9 [9.64] 26.2 [7.68] 2.8	31.4 [9.20] 23.1 [6.77] 2.7	30.3 [8.88] 30.3 [8.88] 2.8	28.8 [8.44] 28.4 [8.32] 2.8	27.3 [8.00] 25.3 [7.41] 2.7
	95 [35]	Total BTUH [kW] Sens BTUH [kW] Power	35.7 [10.46] 24.3 [7.12] 3.0	34.3 [10.05] 21.2 [6.21] 3.0	32.8 [9.61] 18.2 [5.33] 2.9	34.1 [9.99] 29.3 [8.58] 3.0	32.6 [9.55] 26.2 [7.68] 2.9	31.1 [9.11] 23.1 [6.77] 2.9	30.0 [8.80] 30.0 [8.80] 3.0	28.5 [8.35] 28.4 [8.32] 2.9	27.0 [7.91] 25.4 [7.44] 2.9
	100 [37.8]	Total BTUH [kW] Sens BTUH [kW] Power	35.5 [10.40] 24.4 [7.15] 3.2	34.0 [9.96] 21.3 [6.24] 3.1	32.5 [9.52] 18.3 [5.36] 3.0	33.8 [9.90] 29.3 [8.58] 3.1	32.3 [9.46] 26.3 [7.71] 3.1	30.8 [9.02] 23.2 [6.80] 3.0	29.7 [8.70] 29.7 [8.70] 3.1	28.2 [8.26] 28.2 [8.26] 3.1	26.7 [7.82] 25.4 [7.44] 3.0
	105 [40.6]	Total BTUH [kW] Sens BTUH [kW] Power	34.8 [10.20] 24.2 [7.10] 3.3	33.3 [9.76] 21.1 [6.20] 3.2	31.8 [9.32] 18.1 [5.30] 3.2	33.1 [9.70] 29.1 [8.53] 3.3	31.6 [9.26] 26.1 [7.65] 3.2	30.1 [8.82] 23.0 [6.74] 3.2	29.0 [8.50] 29.0 [8.50] 3.3	27.5 [8.06] 27.5 [8.06] 3.2	26.1 [7.65] 25.3 [7.41] 3.1
	110 [43.3]	Total BTUH [kW] Sens BTUH [kW] Power	33.3 [9.80] 23.4 [6.90] 3.4	31.8 [9.32] 20.4 [5.98] 3.4	30.3 [8.88] 17.3 [5.07] 3.3	31.6 [9.26] 28.4 [8.32] 3.4	30.2 [8.85] 25.3 [7.41] 3.4	28.7 [8.41] 22.3 [6.53] 3.3	27.5 [8.06] 27.5 [8.06] 3.4	26.1 [7.65] 26.1 [7.65] 3.3	24.6 [7.21] 24.5 [7.20] 3.3
	115 [46.1]	Total BTUH [kW] Sens BTUH [kW] Power	30.7 [9.00] 21.8 [6.40] 3.6	29.2 [8.56] 18.7 [5.48] 3.5	27.7 [8.12] 15.6 [4.57] 3.5	29.0 [8.50] 26.7 [7.82] 3.6	27.5 [8.06] 23.6 [6.91] 3.5	26.0 [7.62] 20.6 [6.04] 3.4	24.9 [7.30] 24.9 [7.30] 3.5	23.4 [6.86] 23.4 [6.86] 3.5	21.9 [6.42] 21.9 [6.42] 3.4

GROSS SYSTEMS PERFORMANCE DATA—SLKA-A042N/P

ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①											
wbE		71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]			
CFM [L/s]		1630 [769.3]	1300 [613.5]	980 [462.5]	1630 [769.3]	1300 [613.5]	980 [462.5]	1630 [769.3]	1300 [613.5]	980 [462.5]	
DR ①		.16	.12	.07	.16	.12	.07	.16	.12	.07	
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW] Sens BTUH [kW] Power	50.0 [14.65] 30.6 [8.97] 3.0	48.1 [14.09] 27.0 [7.91] 2.9	46.3 [13.60] 23.3 [6.83] 2.8	47.2 [13.83] 36.4 [10.67] 3.0	45.3 [13.27] 32.8 [9.61] 2.9	43.4 [12.72] 29.2 [8.56] 2.8	43.4 [12.72] 40.6 [11.90] 2.9	41.5 [12.16] 37.0 [10.84] 2.9	39.7 [11.63] 33.4 [9.79] 2.8
	80 [26.7]	Total BTUH [kW] Sens BTUH [kW] Power	49.2 [14.42] 30.5 [8.94] 3.1	47.3 [13.86] 26.8 [7.85] 3.1	45.5 [13.33] 23.2 [6.80] 3.0	46.4 [13.60] 36.3 [10.64] 3.1	44.5 [13.04] 32.7 [9.58] 3.1	42.6 [12.48] 29.0 [8.50] 3.0	42.6 [12.48] 40.5 [11.87] 3.1	40.7 [11.93] 36.9 [10.81] 3.0	38.9 [11.40] 33.3 [9.76] 3.0
	85 [29.4]	Total BTUH [kW] Sens BTUH [kW] Power	48.2 [14.12] 30.1 [8.82] 3.3	46.4 [13.60] 26.5 [7.76] 3.2	44.5 [13.04] 22.8 [6.68] 3.2	45.4 [13.30] 36.0 [10.55] 3.3	43.5 [12.75] 32.3 [9.46] 3.2	41.6 [12.20] 28.7 [8.41] 3.2	41.6 [12.19] 40.2 [11.78] 3.3	39.8 [11.66] 36.5 [10.69] 3.2	37.9 [11.10] 32.9 [9.64] 3.1
	90 [32.2]	Total BTUH [kW] Sens BTUH [kW] Power	47.1 [13.80] 29.6 [8.67] 3.5	45.2 [13.24] 25.9 [7.59] 3.4	43.4 [12.72] 22.3 [6.53] 3.3	44.3 [12.98] 35.4 [10.37] 3.5	42.4 [12.42] 31.8 [9.32] 3.4	40.5 [11.90] 28.2 [8.26] 3.3	40.5 [11.87] 39.7 [11.63] 3.5	38.6 [11.31] 36.0 [10.55] 3.4	36.8 [10.78] 32.4 [9.49] 3.3
	95 [35]	Total BTUH [kW] Sens BTUH [kW] Power	45.8 [13.42] 28.9 [8.47] 3.7	44.0 [12.90] 25.3 [7.41] 3.6	42.1 [12.34] 21.6 [6.33] 3.5	43.0 [12.60] 34.8 [10.20] 3.7	41.1 [12.04] 31.1 [9.11] 3.6	39.3 [11.51] 27.5 [8.06] 3.5	39.2 [11.49] 38.9 [11.40] 3.6	37.4 [10.96] 35.3 [10.34] 3.6	35.5 [10.40] 31.7 [9.29] 3.5
	100 [37.8]	Total BTUH [kW] Sens BTUH [kW] Power	44.4 [13.01] 28.1 [8.23] 3.8	42.6 [12.48] 24.5 [7.18] 3.8	40.7 [11.93] 20.9 [6.12] 3.7	41.6 [12.19] 34.0 [10.00] 3.8	39.7 [11.63] 30.3 [8.88] 3.8	37.9 [11.10] 26.7 [7.82] 3.7	37.8 [11.08] 37.8 [11.08] 3.8	36.0 [10.55] 34.6 [10.14] 3.7	34.1 [9.99] 30.9 [9.05] 3.7
	105 [40.6]	Total BTUH [kW] Sens BTUH [kW] Power	42.9 [12.57] 27.3 [8.00] 4.0	41.0 [12.01] 23.6 [6.91] 3.9	39.2 [11.49] 20.0 [5.86] 3.9	40.1 [11.75] 33.1 [9.70] 4.0	38.2 [11.19] 29.5 [8.64] 3.9	36.3 [10.64] 25.9 [7.59] 3.9	36.3 [10.64] 36.3 [10.64] 4.0	34.4 [10.08] 33.7 [9.87] 3.9	32.6 [9.55] 30.1 [8.82] 3.8
	110 [43.3]	Total BTUH [kW] Sens BTUH [kW] Power	41.2 [12.07] 26.4 [7.74] 4.2	39.4 [11.54] 22.7 [6.65] 4.1	37.5 [10.99] 19.1 [5.60] 4.0	38.4 [11.25] 32.2 [9.43] 4.2	36.5 [10.69] 28.6 [8.38] 4.1	34.7 [10.17] 24.9 [7.30] 4.0	34.6 [10.14] 34.6 [10.14] 4.2	32.8 [9.61] 32.8 [9.61] 4.1	30.9 [9.05] 29.2 [8.56] 4.0
	115 [46.1]	Total BTUH [kW] Sens BTUH [kW] Power	39.5 [11.57] 25.4 [7.44] 4.4	37.6 [11.02] 21.8 [6.39] 4.3	35.7 [10.46] 18.2 [5.33] 4.2	36.6 [10.72] 31.3 [9.17] 4.4	34.8 [10.20] 27.7 [8.12] 4.3	32.9 [9.64] 24.0 [7.03] 4.2	32.9 [9.64] 32.9 [9.64] 4.3	31.0 [9.08] 31.0 [9.08] 4.3	29.1 [8.53] 28.2 [8.26] 4.2

DR —Depression ratio
dbE—Entering air dry bulb
wbE—Entering air wet bulb

Total —Total capacity x 1000 BTUH
Sens —Sensible capacity x 1000 BTUH
Power—KW input

NOTES:

① When the entering air dry bulb is other than 80°F [27°C], adjust the sensible capacity from the table by adding $[1.10 \times \text{CFM} \times (1 - \text{DR}) \times (\text{dbE} - 80)]$.

[] Designates Metric Conversions

GROSS SYSTEMS PERFORMANCE DATA—SLKA-A048N/P

ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①											
wbE		71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]			
CFM [L/s]		1880 [887.3]	1500 [707.9]	1130 [533.3]	1880 [887.3]	1500 [707.9]	1130 [533.3]	1880 [887.3]	1500 [707.9]	1130 [533.3]	
DR ①		.18	.14	.09	.18	.14	.09	.18	.14	.09	
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW] Sens BTUH [kW] Power	51.8 [15.18] 33.1 [9.70] 2.8	49.8 [14.50] 29.0 [8.50] 2.7	47.7 [13.98] 25.0 [7.33] 2.7	49.8 [14.59] 39.5 [11.57] 2.8	47.7 [13.98] 35.5 [10.40] 2.8	45.6 [13.36] 31.5 [9.23] 2.7	46.5 [13.62] 44.1 [12.92] 2.8	44.4 [13.01] 40.1 [11.75] 2.7	42.3 [12.39] 36.0 [10.55] 2.7
	80 [26.7]	Total BTUH [kW] Sens BTUH [kW] Power	51.4 [15.06] 32.8 [9.61] 3.0	49.3 [14.44] 28.8 [8.44] 2.9	47.2 [13.83] 24.7 [7.24] 2.9	49.3 [14.44] 39.3 [11.51] 3.0	47.2 [13.83] 35.2 [10.31] 3.0	45.2 [13.24] 31.2 [9.14] 2.9	46.0 [13.48] 43.9 [12.86] 3.0	43.9 [12.86] 39.8 [11.66] 2.9	41.9 [12.28] 35.8 [10.49] 2.8
	85 [29.4]	Total BTUH [kW] Sens BTUH [kW] Power	50.8 [14.88] 32.6 [9.55] 3.2	48.8 [14.30] 28.6 [8.38] 3.1	46.7 [13.68] 24.5 [7.18] 3.1	48.8 [14.30] 39.1 [11.46] 3.2	46.7 [13.68] 35.0 [10.26] 3.2	44.7 [13.10] 31.0 [9.08] 3.1	45.5 [13.33] 43.7 [12.80] 3.2	43.4 [12.72] 39.6 [11.60] 3.1	41.4 [12.13] 35.6 [10.43] 3.0
	90 [32.2]	Total BTUH [kW] Sens BTUH [kW] Power	50.3 [14.74] 32.4 [9.49] 3.4	48.2 [14.12] 28.4 [8.32] 3.3	46.1 [13.51] 24.4 [7.15] 3.3	48.2 [14.12] 38.9 [11.40] 3.4	46.1 [13.51] 34.8 [10.20] 3.4	44.1 [12.92] 30.8 [9.02] 3.3	44.9 [13.16] 43.4 [12.72] 3.4	42.8 [12.54] 39.4 [11.54] 3.3	40.8 [11.95] 35.4 [10.37] 3.2
	95 [35]	Total BTUH [kW] Sens BTUH [kW] Power	49.5 [14.50] 32.2 [9.43] 3.6	47.5 [13.92] 28.1 [8.23] 3.5	45.4 [13.30] 24.1 [7.06] 3.4	47.5 [13.92] 38.6 [11.31] 3.6	45.4 [13.30] 34.6 [10.14] 3.6	43.3 [12.69] 30.6 [8.97] 3.5	44.2 [12.95] 43.3 [12.69] 3.6	42.1 [12.34] 39.2 [11.49] 3.5	40.0 [11.72] 35.1 [10.28] 3.4
	100 [37.8]	Total BTUH [kW] Sens BTUH [kW] Power	48.6 [14.24] 31.8 [9.32] 3.8	46.5 [13.62] 27.8 [8.15] 3.7	44.4 [13.01] 23.7 [6.94] 3.6	46.5 [13.62] 38.3 [11.22] 3.8	44.4 [13.01] 34.2 [10.02] 3.7	42.4 [12.42] 30.2 [8.85] 3.7	43.2 [12.66] 42.8 [12.54] 3.8	41.1 [12.04] 38.8 [11.37] 3.7	39.1 [11.46] 34.8 [10.20] 3.6
	105 [40.6]	Total BTUH [kW] Sens BTUH [kW] Power	47.3 [13.86] 31.2 [9.14] 4.0	45.3 [13.27] 27.2 [7.97] 3.9	43.2 [12.66] 23.2 [6.80] 3.8	45.3 [13.27] 37.7 [11.05] 4.0	43.2 [12.66] 33.7 [9.87] 3.9	41.1 [12.04] 29.6 [8.67] 3.9	41.9 [12.28] 41.9 [12.28] 4.0	39.9 [11.69] 38.3 [11.22] 3.9	37.8 [11.08] 34.2 [10.02] 3.8
	110 [43.3]	Total BTUH [kW] Sens BTUH [kW] Power	45.7 [13.39] 30.4 [8.91] 4.2	43.6 [12.77] 26.4 [7.74] 4.1	41.6 [12.19] 22.4 [6.56] 4.0	43.6 [12.77] 36.9 [10.81] 4.2	41.6 [12.19] 32.9 [9.64] 4.1	39.5 [11.57] 28.8 [8.44] 4.1	40.3 [11.81] 40.3 [11.81] 4.2	38.3 [11.22] 37.4 [10.96] 4.1	36.2 [10.61] 33.4 [9.79] 4.0
	115 [46.1]	Total BTUH [kW] Sens BTUH [kW] Power	43.7 [12.80] 29.3 [8.58] 4.4	41.6 [12.19] 25.3 [7.41] 4.3	39.6 [11.60] 21.2 [6.21] 4.2	41.6 [12.19] 35.8 [10.49] 4.4	39.6 [11.60] 31.7 [9.29] 4.3	37.5 [10.99] 27.7 [8.12] 4.3	38.3 [11.22] 38.3 [11.22] 4.4	36.2 [10.61] 36.2 [10.61] 4.3	34.2 [10.02] 32.3 [9.46] 4.2

GROSS SYSTEMS PERFORMANCE DATA—SLKA-A060N/P

ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①											
wbE		71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]			
CFM [L/s]		2250 [1061.9]	1800 [849.5]	1350 [637.1]	2250 [1061.9]	1800 [849.5]	1350 [637.1]	2250 [1061.9]	1800 [849.5]	1350 [637.1]	
DR ①		.18	.14	.08	.18	.14	.08	.18	.14	.08	
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW] Sens BTUH [kW] Power	62.0 [18.17] 40.0 [11.72] 3.6	59.6 [17.46] 35.2 [10.31] 3.5	57.2 [16.76] 30.4 [8.91] 3.4	59.5 [17.43] 47.8 [14.01] 3.5	57.1 [16.73] 43.1 [12.63] 3.5	54.8 [16.06] 38.3 [11.22] 3.4	56.0 [16.41] 53.1 [15.56] 3.5	53.6 [15.71] 48.3 [14.15] 3.4	51.2 [15.00] 43.6 [12.78] 3.3
	80 [26.7]	Total BTUH [kW] Sens BTUH [kW] Power	60.7 [17.79] 39.4 [11.54] 3.8	58.3 [17.08] 34.7 [10.17] 3.7	55.9 [16.38] 29.9 [8.76] 3.6	58.3 [17.08] 47.3 [13.86] 3.7	55.9 [16.38] 42.5 [12.45] 3.6	53.5 [15.68] 37.7 [11.05] 3.6	54.7 [16.03] 52.5 [15.38] 3.7	52.3 [15.32] 47.8 [14.01] 3.6	50.0 [14.70] 43.0 [12.60] 3.5
	85 [29.4]	Total BTUH [kW] Sens BTUH [kW] Power	59.6 [17.46] 38.9 [11.40] 4.0	57.2 [16.76] 34.1 [9.99] 3.9	54.8 [16.06] 29.4 [8.61] 3.8	57.1 [16.73] 46.8 [13.71] 4.0	54.8 [16.06] 42.0 [12.31] 3.9	52.4 [15.35] 37.2 [10.90] 3.8	53.6 [15.70] 52.1 [15.27] 3.9	51.2 [15.00] 47.3 [13.86] 3.8	48.8 [14.30] 42.5 [12.45] 3.8
	90 [32.2]	Total BTUH [kW] Sens BTUH [kW] Power	58.6 [17.17] 38.4 [11.25] 4.2	56.2 [16.47] 33.6 [9.84] 4.1	53.8 [15.76] 28.8 [8.44] 4.0	56.1 [16.44] 46.2 [13.54] 4.2	53.7 [15.73] 41.5 [12.16] 4.1	51.3 [15.03] 36.7 [10.75] 4.0	52.6 [15.41] 51.6 [15.12] 4.2	50.2 [14.71] 46.8 [13.71] 4.1	47.8 [14.01] 42.0 [12.31] 4.0
	95 [35]	Total BTUH [kW] Sens BTUH [kW] Power	57.5 [16.85] 37.8 [11.08] 4.4	55.1 [16.14] 33.1 [9.70] 4.3	52.7 [15.44] 28.3 [8.29] 4.2	55.0 [16.12] 45.7 [13.39] 4.4	52.6 [15.41] 40.9 [11.98] 4.3	50.2 [14.71] 36.1 [10.58] 4.2	51.5 [15.09] 51.0 [14.94] 4.4	49.1 [14.39] 46.2 [13.54] 4.3	46.7 [13.68] 41.4 [12.13] 4.2
	100 [37.8]	Total BTUH [kW] Sens BTUH [kW] Power	56.2 [16.47] 37.2 [10.90] 4.6	53.8 [15.76] 32.4 [9.49] 4.6	51.4 [15.06] 27.6 [8.09] 4.5	53.7 [15.73] 45.0 [13.19] 4.6	51.3 [15.03] 40.3 [11.81] 4.5	49.0 [14.36] 35.5 [10.40] 4.5	50.2 [14.71] 50.2 [14.71] 4.6	47.8 [14.01] 45.5 [13.33] 4.5	45.4 [13.30] 40.8 [11.95] 4.4
	105 [40.6]	Total BTUH [kW] Sens BTUH [kW] Power	54.7 [16.03] 36.4 [10.67] 4.9	52.3 [15.32] 31.7 [9.29] 4.8	49.9 [14.62] 26.9 [7.88] 4.7	52.2 [15.30] 44.3 [12.98] 4.9	49.8 [14.59] 39.5 [11.57] 4.8	47.4 [13.89] 34.7 [10.17] 4.7	48.7 [14.27] 48.7 [14.27] 4.8	46.3 [13.57] 44.8 [13.13] 4.7	43.9 [12.86] 40.0 [11.72] 4.6
	110 [43.3]	Total BTUH [kW] Sens BTUH [kW] Power	52.8 [15.47] 35.5 [10.40] 5.1	50.4 [14.77] 30.8 [9.02] 5.0	48.0 [14.06] 26.0 [7.62] 4.9	50.3 [14.74] 43.4 [12.72] 5.1	47.9 [14.03] 38.6 [11.31] 5.0	45.6 [13.36] 33.8 [9.90] 4.9	46.8 [13.71] 46.8 [13.71] 5.0	44.4 [13.01] 45.9 [13.45] 4.9	42.0 [12.31] 39.1 [11.46] 4.8
	115 [46.1]	Total BTUH [kW] Sens BTUH [kW] Power	50.4 [14.77] 34.4 [10.08] 5.3	48.1 [14.09] 29.7 [8.70] 5.2	45.7 [13.40] 24.9 [7.30] 5.1	48.0 [14.06] 42.3 [12.39] 5.3	45.6 [13.36] 37.5 [10.99] 5.2	43.2 [12.66] 32.7 [9.58] 5.1	44.5 [13.04] 44.5 [13.04] 5.2	42.1 [12.34] 42.1 [12.34] 5.2	39.7 [11.63] 38.0 [11.13] 5.1

DR —Depression ratio
 dbE —Entering air dry bulb
 wbE—Entering air wet bulb

Total —Total capacity x 1000 BTUH
 Sens —Sensible capacity x 1000 BTUH
 Power—KW input

NOTES:
 ① When the entering air dry bulb is other than 80°F [27°C], adjust the sensible capacity from the table by adding [1.10 x CFM x (1 - DR) x (dbE - 80)].

[] Designates Metric Conversions

GROSS SYSTEMS PERFORMANCE DATA—SLKA-A072N/P

		ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①									
wbE		71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]			
CFM [L/s]		2630 [1241.2]	2100 [991.1]	1580 [745.7]	2630 [1241.2]	2100 [991.1]	1580 [745.7]	2630 [1241.2]	2100 [991.1]	1580 [745.7]	
DR ①		.18	.15	.10	.18	.15	.10	.18	.15	.10	
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW] Sens BTUH [kW] Power	81.3 [23.82] 50.9 [14.91] 4.5	78.2 [22.91] 45.1 [13.21] 4.4	75.1 [22.00] 39.2 [11.49] 4.3	76.7 [22.47] 59.0 [17.29] 4.5	73.7 [21.59] 53.1 [15.56] 4.3	70.6 [20.69] 47.3 [13.86] 4.2	70.5 [20.66] 66.4 [19.46] 4.3	67.4 [19.75] 60.6 [17.76] 4.2	64.4 [18.87] 54.8 [16.06] 4.1
	80 [26.7]	Total BTUH [kW] Sens BTUH [kW] Power	79.9 [23.41] 50.2 [14.71] 4.8	76.8 [22.50] 44.4 [13.01] 4.7	73.8 [21.62] 38.5 [11.28] 4.6	75.4 [22.09] 58.2 [17.05] 4.7	72.3 [21.18] 52.4 [15.35] 4.6	69.2 [20.28] 46.6 [13.65] 4.5	69.1 [20.25] 65.7 [19.25] 4.5	66.1 [19.37] 59.9 [17.55] 4.4	63.0 [18.46] 54.1 [15.85] 4.3
	85 [29.4]	Total BTUH [kW] Sens BTUH [kW] Power	78.4 [22.97] 49.4 [14.47] 5.0	75.3 [22.06] 43.5 [12.75] 4.9	72.3 [21.18] 37.7 [11.05] 4.8	73.9 [21.65] 57.4 [16.82] 4.9	70.8 [20.74] 51.6 [15.12] 4.8	67.7 [19.84] 45.8 [13.42] 4.7	67.6 [19.81] 64.9 [19.02] 4.8	64.5 [18.90] 59.1 [17.32] 4.7	61.5 [18.02] 53.3 [15.62] 4.6
	90 [32.2]	Total BTUH [kW] Sens BTUH [kW] Power	76.8 [22.50] 48.5 [14.21] 5.2	73.7 [21.59] 42.7 [12.51] 5.1	70.6 [20.69] 36.9 [10.81] 5.0	72.2 [21.16] 56.6 [16.58] 5.1	69.2 [20.28] 50.7 [14.86] 5.0	66.1 [19.37] 44.9 [13.16] 4.9	66.0 [19.34] 64.0 [18.75] 5.0	62.9 [18.43] 58.2 [17.05] 4.9	59.8 [17.52] 52.4 [15.35] 4.8
	95 [35]	Total BTUH [kW] Sens BTUH [kW] Power	75.0 [21.98] 47.6 [13.95] 5.5	72.0 [21.10] 41.7 [12.22] 5.4	68.9 [20.19] 35.9 [10.52] 5.2	70.5 [20.66] 55.6 [16.29] 5.4	67.4 [19.75] 49.8 [14.59] 5.3	64.4 [18.87] 44.0 [12.89] 5.2	64.3 [18.84] 63.2 [18.52] 5.2	61.2 [17.93] 57.3 [16.79] 5.1	58.1 [17.02] 51.5 [15.09] 5.0
	100 [37.8]	Total BTUH [kW] Sens BTUH [kW] Power	73.3 [21.48] 46.6 [13.65] 5.7	70.2 [20.57] 40.8 [11.95] 5.6	67.1 [19.66] 35.0 [10.26] 5.5	68.7 [20.13] 54.7 [16.03] 5.6	65.7 [19.25] 48.9 [14.33] 5.5	62.6 [18.34] 43.1 [12.63] 5.4	62.5 [18.31] 62.1 [18.20] 5.5	59.4 [17.40] 56.4 [16.53] 5.4	56.3 [16.50] 50.6 [14.83] 5.2
	105 [40.6]	Total BTUH [kW] Sens BTUH [kW] Power	71.4 [20.92] 45.7 [13.39] 5.9	68.4 [20.04] 39.9 [11.69] 5.8	65.3 [19.13] 34.1 [9.99] 5.7	66.9 [19.60] 53.8 [15.76] 5.8	63.8 [18.69] 48.0 [14.06] 5.7	60.8 [17.81] 42.2 [12.37] 5.6	60.6 [17.76] 60.6 [17.76] 5.7	57.6 [16.88] 55.5 [16.26] 5.6	54.5 [15.97] 49.7 [14.56] 5.5
	110 [43.3]	Total BTUH [kW] Sens BTUH [kW] Power	69.6 [20.39] 44.9 [13.16] 6.1	66.5 [19.49] 39.1 [11.46] 6.0	63.5 [18.61] 33.3 [9.76] 5.9	65.1 [19.07] 53.0 [15.53] 6.1	62.0 [18.17] 47.2 [13.83] 6.0	58.9 [17.26] 41.4 [12.13] 5.8	58.8 [17.23] 58.8 [17.23] 5.9	55.7 [16.32] 54.7 [16.03] 5.8	52.7 [15.44] 48.8 [14.30] 5.7
	115 [46.1]	Total BTUH [kW] Sens BTUH [kW] Power	67.8 [19.87] 44.2 [12.95] 6.4	64.7 [18.96] 38.3 [11.22] 6.3	61.6 [18.05] 32.5 [9.52] 6.2	63.2 [18.52] 52.2 [15.29] 6.3	60.2 [17.64] 46.4 [13.60] 6.2	57.1 [16.73] 40.6 [11.90] 6.1	57.0 [16.70] 57.0 [16.70] 6.1	53.9 [15.79] 53.9 [15.79] 6.0	50.9 [14.91] 48.1 [14.09] 5.9

GROSS SYSTEMS PERFORMANCE DATA—SLKA-A085N/P

		ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①									
wbE		71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]			
CFM [L/s]		3000 [1415.8]	2400 [1132.7]	1800 [849.5]	3000 [1415.8]	2400 [1132.7]	1800 [849.5]	3000 [1415.8]	2400 [1132.7]	1800 [849.5]	
DR ①		.17	.13	.08	.17	.13	.08	.17	.13	.08	
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW] Sens BTUH [kW] Power	93.9 [27.52] 58.8 [17.23] 5.6	90.4 [26.49] 52.1 [15.27] 5.5	86.9 [25.47] 45.5 [13.33] 5.4	89.1 [26.11] 68.3 [20.02] 5.5	85.7 [25.12] 61.7 [18.08] 5.4	82.2 [24.09] 55.0 [16.12] 5.3	83.9 [24.59] 76.8 [22.51] 5.4	80.5 [23.59] 70.2 [20.57] 5.3	77.0 [22.57] 63.5 [18.61] 5.1
	80 [26.7]	Total BTUH [kW] Sens BTUH [kW] Power	92.4 [27.08] 58.0 [17.00] 5.9	88.9 [26.05] 51.3 [15.03] 5.8	85.5 [25.06] 44.7 [13.10] 5.7	87.7 [25.70] 67.5 [19.78] 5.8	84.2 [24.68] 60.9 [17.85] 5.7	80.7 [23.65] 54.2 [15.88] 5.6	82.5 [24.18] 76.0 [22.27] 5.7	79.0 [23.15] 69.4 [20.34] 5.6	75.5 [22.13] 62.7 [18.38] 5.4
	85 [29.4]	Total BTUH [kW] Sens BTUH [kW] Power	90.3 [26.46] 56.9 [16.68] 6.2	86.8 [25.44] 50.2 [14.71] 6.1	83.3 [24.41] 43.6 [12.78] 6.0	85.5 [25.06] 66.4 [19.46] 6.1	82.1 [24.06] 59.8 [17.53] 6.0	78.6 [23.04] 53.1 [15.56] 5.9	80.3 [23.53] 74.9 [21.95] 6.0	76.9 [22.54] 68.3 [20.02] 5.9	73.4 [21.51] 61.6 [18.05] 5.7
	90 [32.2]	Total BTUH [kW] Sens BTUH [kW] Power	87.7 [25.70] 55.6 [16.29] 6.5	84.2 [24.68] 49.0 [14.36] 6.4	80.7 [23.65] 42.3 [12.40] 6.3	82.9 [24.30] 65.2 [19.11] 6.4	79.4 [23.27] 58.5 [17.14] 6.3	76.0 [22.27] 51.8 [15.18] 6.2	77.7 [22.77] 73.6 [21.57] 6.3	74.2 [21.75] 67.0 [19.64] 6.2	70.8 [20.75] 60.3 [17.67] 6.0
	95 [35]	Total BTUH [kW] Sens BTUH [kW] Power	84.7 [24.82] 54.3 [15.91] 6.8	81.2 [23.80] 47.6 [13.95] 6.7	77.8 [22.80] 40.9 [11.99] 6.6	80.0 [23.45] 63.8 [18.70] 6.7	76.5 [22.42] 57.1 [16.73] 6.6	73.0 [21.39] 50.5 [14.80] 6.5	74.8 [21.92] 72.5 [21.25] 6.6	71.3 [20.90] 65.6 [19.23] 6.5	67.8 [19.87] 59.0 [17.29] 6.3
	100 [37.8]	Total BTUH [kW] Sens BTUH [kW] Power	81.6 [23.91] 52.9 [15.50] 7.1	78.2 [22.92] 46.2 [13.54] 7.0	74.7 [21.89] 39.5 [11.58] 6.9	76.9 [22.54] 62.4 [18.29] 7.0	73.4 [21.51] 55.7 [16.32] 6.9	69.9 [20.49] 49.1 [14.39] 6.8	71.7 [21.01] 70.7 [20.72] 6.9	68.2 [19.99] 64.2 [18.82] 6.8	64.7 [18.96] 57.6 [16.88] 6.6
	105 [40.6]	Total BTUH [kW] Sens BTUH [kW] Power	78.6 [23.04] 51.6 [15.12] 7.5	75.1 [22.01] 44.9 [13.16] 7.3	71.6 [20.98] 38.2 [11.20] 7.2	73.8 [21.63] 61.1 [17.91] 7.3	70.3 [20.60] 54.4 [15.94] 7.2	66.8 [19.58] 47.7 [13.98] 7.1	68.6 [20.10] 68.6 [20.10] 7.2	65.1 [19.08] 62.9 [18.43] 7.1	61.7 [18.08] 56.3 [16.50] 6.9
	110 [43.3]	Total BTUH [kW] Sens BTUH [kW] Power	75.7 [22.19] 50.4 [14.77] 7.8	72.2 [21.16] 43.7 [12.81] 7.6	68.7 [20.13] 37.1 [10.87] 7.5	70.9 [20.78] 59.9 [17.55] 7.6	67.4 [19.75] 53.2 [15.59] 7.5	63.9 [18.73] 46.6 [13.65] 7.4	65.7 [19.25] 65.7 [19.25] 7.5	62.2 [18.23] 61.8 [18.11] 7.4	58.8 [17.23] 55.1 [16.15] 7.2
	115 [46.1]	Total BTUH [kW] Sens BTUH [kW] Power	73.1 [21.42] 49.5 [14.51] 8.1	69.6 [20.40] 42.8 [12.54] 7.9	66.2 [19.40] 36.2 [10.61] 7.8	68.4 [20.05] 59.0 [17.29] 7.9	64.9 [19.02] 52.3 [15.33] 7.8	61.4 [17.99] 45.7 [13.39] 7.7	63.2 [18.52] 63.2 [18.52] 7.8	59.7 [17.50] 59.7 [17.50] 7.7	56.2 [16.47] 54.2 [15.88] 7.5

DR —Depression ratio
dbE—Entering air dry bulb
wbE—Entering air wet bulb

Total —Total capacity x 1000 BTUH
Sens —Sensible capacity x 1000 BTUH
Power—KW input

NOTES:
① When the entering air dry bulb is other than 80°F [27°C], adjust the sensible capacity from the table by adding $[1.10 \times \text{CFM} \times (1 - \text{DR}) \times (\text{dbE} - 80)]$.

[] Designates Metric Conversions

GROSS SYSTEMS PERFORMANCE DATA—SLKA-A100P/N

ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①											
wbE		71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]			
CFM [L/s]		3190 [1505.5]	2900 [1368.6]	2180 [1028.8]	3190 [1505.5]	2900 [1368.6]	2180 [1028.8]	3190 [1505.5]	2900 [1368.6]	2180 [1028.8]	
DR ①		.18	.17	.12	.18	.17	.12	.18	.17	.12	
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW] Sens BTUH [kW] Power	109.7 [32.15] 64.3 [18.84] 7.6	108.1 [31.68] 61.2 [17.94] 7.5	104.0 [30.48] 53.5 [15.68] 7.3	103.9 [30.45] 75.9 [22.24] 7.4	102.3 [29.98] 72.8 [21.34] 7.3	98.2 [28.78] 65.1 [19.08] 7.1	100.4 [29.42] 86.9 [25.47] 7.2	98.8 [28.96] 83.8 [24.56] 7.1	94.8 [27.78] 76.1 [22.30] 6.9
	80 [26.7]	Total BTUH [kW] Sens BTUH [kW] Power	107.4 [31.48] 62.7 [18.38] 8.1	105.8 [31.01] 59.6 [17.47] 8.0	101.7 [29.81] 51.9 [15.21] 7.8	101.6 [29.78] 74.3 [21.78] 7.9	100.0 [29.31] 71.2 [20.87] 7.9	95.9 [28.11] 63.5 [18.61] 7.7	98.2 [28.78] 85.3 [25.00] 7.7	96.5 [28.28] 82.2 [24.09] 7.7	92.5 [27.11] 74.5 [21.83] 7.5
	85 [29.4]	Total BTUH [kW] Sens BTUH [kW] Power	104.3 [30.57] 61.1 [17.91] 8.7	102.7 [30.10] 58.0 [17.00] 8.6	98.7 [28.93] 50.2 [14.71] 8.4	98.5 [28.87] 72.7 [21.31] 8.5	96.9 [28.40] 69.6 [20.40] 8.4	92.9 [27.23] 61.8 [18.11] 8.2	95.1 [27.87] 83.7 [24.53] 8.3	93.5 [27.40] 80.6 [23.62] 8.2	89.4 [26.20] 72.8 [21.34] 8.0
	90 [32.2]	Total BTUH [kW] Sens BTUH [kW] Power	100.7 [29.51] 59.4 [17.41] 9.2	99.1 [29.04] 56.3 [16.50] 9.1	95.0 [27.84] 48.6 [14.24] 8.9	94.9 [27.81] 71.0 [20.81] 9.0	93.3 [27.34] 67.9 [19.90] 8.9	89.2 [26.14] 60.2 [17.64] 8.7	91.4 [26.79] 82.0 [24.03] 8.8	89.8 [26.32] 78.9 [23.12] 8.8	85.8 [25.15] 71.2 [20.87] 8.6
	95 [35]	Total BTUH [kW] Sens BTUH [kW] Power	96.7 [28.34] 57.8 [16.94] 9.7	95.1 [27.87] 54.7 [16.03] 9.7	91.0 [26.67] 47.0 [13.77] 9.5	90.9 [26.64] 69.4 [20.34] 9.6	89.3 [26.17] 66.3 [19.43] 9.5	85.2 [24.97] 58.6 [17.17] 9.3	87.5 [25.64] 80.4 [23.56] 9.4	85.8 [25.15] 77.3 [22.65] 9.3	81.8 [23.97] 69.6 [20.40] 9.1
	100 [37.8]	Total BTUH [kW] Sens BTUH [kW] Power	92.7 [27.17] 56.1 [16.44] 10.3	91.0 [26.67] 53.0 [15.53] 10.2	87.0 [25.50] 45.3 [13.28] 10.0	86.8 [25.44] 67.7 [19.84] 10.1	85.2 [24.97] 64.7 [18.96] 10.0	81.2 [23.80] 56.9 [16.68] 9.8	83.4 [24.44] 78.7 [23.06] 9.9	81.8 [23.97] 75.7 [22.19] 9.8	77.7 [22.77] 67.9 [19.90] 9.6
	105 [40.6]	Total BTUH [kW] Sens BTUH [kW] Power	88.7 [26.00] 54.5 [15.97] 10.8	87.1 [25.53] 51.4 [15.06] 10.7	83.0 [24.32] 43.7 [12.81] 10.6	82.9 [24.30] 66.1 [19.37] 10.7	81.3 [23.83] 63.0 [18.46] 10.6	77.2 [22.63] 55.3 [16.21] 10.4	79.5 [23.30] 77.1 [22.60] 10.5	77.9 [22.83] 74.0 [21.69] 10.4	73.8 [21.63] 66.3 [19.43] 10.2
	110 [43.3]	Total BTUH [kW] Sens BTUH [kW] Power	85.2 [24.97] 52.9 [15.50] 11.4	83.6 [24.50] 49.8 [14.59] 11.3	79.5 [23.30] 42.0 [12.31] 11.1	79.4 [23.27] 64.5 [18.90] 11.2	77.8 [22.80] 61.4 [17.99] 11.1	73.7 [21.60] 53.6 [15.71] 10.9	75.9 [22.24] 75.5 [22.13] 11.0	74.3 [21.78] 72.4 [21.22] 10.9	70.3 [20.60] 64.6 [18.93] 10.7
	115 [46.1]	Total BTUH [kW] Sens BTUH [kW] Power	82.3 [24.12] 51.2 [15.01] 11.9	80.7 [23.65] 48.1 [14.10] 11.8	76.6 [22.45] 40.4 [11.84] 11.6	76.5 [22.42] 62.8 [18.40] 11.7	74.8 [21.92] 59.8 [17.53] 11.7	70.8 [20.75] 52.0 [15.24] 11.5	73.0 [21.39] 73.0 [21.39] 11.5	71.4 [20.93] 70.8 [20.75] 11.5	67.3 [19.72] 63.0 [18.46] 11.3

GROSS SYSTEMS PERFORMANCE DATA—SLKA-A120P/N

ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①											
wbE		71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]			
CFM [L/s]		3740 [1765.1]	3400 [1604.6]	2550 [1203.5]	3740 [1765.1]	3400 [1604.6]	2550 [1203.5]	3740 [1765.1]	3400 [1604.6]	2550 [1203.5]	
DR ①		.14	.12	.07	.14	.12	.07	.14	.12	.07	
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW] Sens BTUH [kW] Power	115.0 [33.70] 70.4 [20.63] 8.8	113.0 [33.12] 66.6 [19.52] 8.7	108.0 [31.65] 57.0 [16.71] 8.5	113.8 [33.35] 87.2 [25.56] 9.0	111.8 [32.77] 83.4 [24.44] 8.9	106.8 [31.30] 73.8 [21.63] 8.6	107.2 [31.42] 99.0 [29.01] 8.6	105.2 [30.83] 95.2 [27.90] 8.5	100.1 [29.34] 85.6 [25.09] 8.3
	80 [26.7]	Total BTUH [kW] Sens BTUH [kW] Power	119.0 [34.88] 71.2 [20.87] 9.4	116.9 [34.26] 67.4 [19.75] 9.3	111.9 [32.79] 57.8 [16.94] 9.1	117.8 [34.52] 88.0 [25.79] 9.6	115.7 [33.91] 84.2 [24.68] 9.5	110.7 [32.44] 74.6 [21.86] 9.2	111.1 [32.56] 99.8 [29.25] 9.2	109.1 [31.97] 96.0 [28.13] 9.1	104.1 [30.51] 86.4 [25.32] 8.9
	85 [29.4]	Total BTUH [kW] Sens BTUH [kW] Power	119.5 [35.02] 71.3 [20.90] 10.0	117.5 [34.44] 67.4 [19.75] 9.9	112.5 [32.97] 57.8 [16.94] 9.7	118.3 [34.67] 88.1 [25.82] 10.2	116.3 [34.08] 84.2 [24.68] 10.1	111.3 [32.62] 74.6 [21.86] 9.8	111.7 [32.74] 99.9 [29.28] 9.8	109.7 [32.15] 96.0 [28.13] 9.7	104.7 [30.68] 86.4 [25.32] 9.5
	90 [32.2]	Total BTUH [kW] Sens BTUH [kW] Power	117.5 [34.44] 70.6 [20.69] 10.6	115.5 [33.85] 66.8 [19.58] 10.5	110.4 [32.36] 57.2 [16.76] 10.3	116.3 [34.08] 87.4 [25.61] 10.8	114.3 [33.50] 83.6 [24.50] 10.7	109.2 [32.00] 74.0 [21.69] 10.4	109.7 [32.15] 99.2 [29.07] 10.4	107.7 [31.56] 95.4 [27.96] 10.3	102.6 [30.07] 85.8 [25.15] 10.1
	95 [35]	Total BTUH [kW] Sens BTUH [kW] Power	113.6 [33.29] 69.4 [20.34] 11.2	111.6 [32.71] 65.6 [19.23] 11.1	106.6 [31.24] 56.0 [16.41] 10.9	112.4 [32.94] 86.2 [25.26] 11.4	110.4 [32.36] 82.4 [24.15] 11.3	105.4 [30.89] 72.8 [21.34] 11.0	105.8 [31.01] 98.0 [28.72] 11.0	103.8 [30.42] 94.2 [27.61] 10.9	98.7 [28.93] 84.6 [24.79] 10.7
	100 [37.8]	Total BTUH [kW] Sens BTUH [kW] Power	108.6 [31.83] 67.7 [19.84] 11.8	106.6 [31.24] 63.9 [18.73] 11.7	101.6 [29.78] 54.3 [15.91] 11.5	107.4 [31.48] 84.5 [24.76] 12.0	105.4 [30.89] 80.7 [23.65] 11.9	100.4 [29.42] 71.1 [20.84] 11.6	100.8 [29.54] 96.3 [28.22] 11.6	98.8 [28.96] 92.5 [27.11] 11.5	93.8 [27.49] 82.9 [24.30] 11.3
	105 [40.6]	Total BTUH [kW] Sens BTUH [kW] Power	103.4 [30.30] 65.7 [19.25] 12.4	101.4 [29.72] 61.8 [18.11] 12.3	96.4 [28.25] 52.2 [15.30] 12.1	102.2 [29.95] 82.5 [23.18] 12.6	100.2 [29.37] 78.6 [23.04] 12.5	95.2 [27.90] 69.0 [20.22] 12.2	95.6 [28.02] 94.3 [27.64] 12.2	93.6 [27.43] 90.4 [26.49] 12.1	88.6 [25.97] 80.8 [23.68] 11.9
	110 [43.3]	Total BTUH [kW] Sens BTUH [kW] Power	98.7 [28.93] 63.3 [18.55] 13.0	96.7 [28.34] 59.5 [17.44] 12.9	91.7 [26.87] 49.9 [14.62] 12.7	97.5 [28.57] 80.1 [23.47] 13.2	95.5 [27.99] 76.3 [22.36] 13.1	90.5 [26.52] 66.7 [19.55] 12.8	90.9 [26.64] 90.9 [26.64] 12.8	88.9 [26.05] 88.1 [25.82] 12.7	83.9 [24.59] 78.5 [23.01] 12.5
	115 [46.1]	Total BTUH [kW] Sens BTUH [kW] Power	95.3 [27.93] 60.8 [17.82] 13.6	93.3 [27.34] 56.9 [16.68] 13.5	88.3 [25.88] 47.3 [13.86] 13.3	94.1 [27.58] 77.6 [22.74] 13.8	92.1 [26.99] 73.7 [21.60] 13.7	87.1 [25.53] 64.1 [18.79] 13.4	87.5 [25.64] 87.5 [25.64] 13.4	85.5 [25.06] 85.5 [25.06] 13.3	80.5 [23.59] 75.9 [22.24] 13.1

DR —Depression ratio
dbE—Entering air dry bulb
wbE—Entering air wet bulb

Total —Total capacity x 1000 BTUH
Sens —Sensible capacity x 1000 BTUH
Power—KW input

NOTES:

① When the entering air dry bulb is other than 80°F [27°C], adjust the sensible capacity from the table by adding $[1.10 \times \text{CFM} \times (1 - \text{DR}) \times (\text{dbE} - 80)]$.

[] Designates Metric Conversions

UNITS WITH HEATER KITS (200-220V)

Size Unit	Heater Kit Model No. RXJJ-	Heater kW 200-220V	Heater Kit FLA	Minimum Circuit Ampacity	Max. Fuse or Circuit Breaker
A036P	A06C	3.9/4.7	11.2/12.4	21/21	30/30
	A10C	6.7/8.1	19.3/21.2	29/31	30/35
	A12C	7.8/9.4	22.5/24.7	33/36	35/40
	A15C	10.0/12.1	28.9/31.8	41/44	45/45
	A20C	13.3/16.2	38.5/42.4	53/58	60/60
A042P	A06C	3.9/4.7	11.2/12.4	23/23	35/35
	A10C	6.7/8.1	19.3/21.2	29/31	35/35
	A12C	7.8/9.4	22.5/24.7	33/36	35/40
	A15C	10.0/12.1	28.9/31.8	41/44	45/45
	A20C	13.3/16.2	38.5/42.4	53/58	60/60
A048P	A06C	3.9/4.7	11.2/12.4	24/24	35/35
	A10C	6.7/8.1	19.3/21.2	29/31	35/35
	A12C	7.8/9.4	22.5/24.7	33/36	35/40
	A15C	10.0/12.1	28.9/31.8	41/44	45/45
	A20C	13.3/16.2	38.5/42.4	53/58	60/60
A060P	A06C	3.9/4.7	11.2/12.4	28/28	45/45
	A10C	6.7/8.1	19.3/21.2	29/32	45/45
	A12C	7.8/9.4	22.5/24.7	33/36	45/45
	A15C	10.0/12.1	28.9/31.8	41/45	45/45
	A20C	13.3/16.2	38.5/42.4	53/58	60/60
	A24C	16.7/20.2	48.2/53.0	65/71	70/80
A072P	A06C	3.9/4.7	11.2/12.4	32/32	50/50
	A10C	6.7/8.1	19.3/21.2	32/34	50/50
	A12C	7.8/9.4	22.5/24.7	36/39	50/50
	A15C	10.0/12.1	28.9/31.8	44/47	50/50
	A20C	13.3/16.2	38.5/42.4	56/61	60/70
	A24C	16.7/20.2	48.2/53.0	68/74	70/80
A085P	A10C	6.7/8.1	19.3/21.2	39/39	50/50
	A15C	10.0/12.1	28.9/31.8	44/47	50/50
	A20C	13.3/16.2	38.5/42.4	56/61	60/70
	A24C	16.7/20.2	48.2/53.0	68/74	70/80
A100P	A15C	10.0/12.1	28.9/31.8	48/48	60/60
	A20C	13.3/16.2	38.5/42.4	56/61	60/70
	A24C	16.7/20.2	48.2/53.0	68/74	70/80
A120PL	A15C	10.0/12.1	28.9/31.8	53/53	70/70
	A20C	13.3/16.2	38.5/42.4	56/61	70/70
	A24C	16.7/20.2	48.2/53.0	68/74	70/80
A120PM	A15C	10.0/12.1	28.9/31.8	57/57	70/70
	A20C	13.3/16.2	38.5/42.4	60/65	70/70
	A24C	16.7/20.2	48.2/53.0	72/78	70/80

SLKA- 50 Hz ELECTRIC HEATER KITS

Electric Heater Kit Models	Unit Model Application SLKA-
RXJJ-A06C (200-220 volt, 3-ph, 6kW)	A036P, A042P, A048P, A060P, A072P
RXJJ-A10C (200-220 volt, 3-ph, 10kW)	A036P, A042P, A048P, A060P, A072P, A085P
RXJJ-A12C (200-220 volt, 3-ph, 12kW)	A036P, A042P, A048P, A060P, A072P
RXJJ-A15C (200-220 volt, 3-ph, 15kW)	A036P, A042P, A048P, A060P, A072P, A085P, A100P, A120P
RXJJ-A20C (200-220 volt, 3-ph, 20kW)	A036P, A042P, A048P, A060P, A072P, A085P, A100P, A120P
RXJJ-A24C (200-220 volt, 3-ph, 24kW)	A060P, A072P, A085P, A100P, A120P
RXJJ-A06D (380-415 volt, 3-ph, 6kW)	A036N, A042N, A048N, A060N, A072N
RXJJ-A10D (380-415 volt, 3-ph, 10kW)	A036N, A042N, A048N, A060N, A072N, A085N
RXJJ-A12D (380-415 volt, 3-ph, 12kW)	A036N, A042N, A048N, A060N, A072N
RXJJ-A15D (380-415 volt, 3-ph, 15kW)	A036N, A042N, A048N, A060N, A072N, A085N, A100N, A120N
RXJJ-A20D (380-415 volt, 3-ph, 20kW)	A036N, A042N, A048N, A060N, A072N, A085N, A100N, A120N
RXJJ-A24D (380-415 volt, 3-ph, 24kW)	A060N, A072N, A085N, A100N, A120N

UNITS WITH HEATER KITS (380-415V)

Size Unit	Heater Kit Model No. RXJJ-	Heater kW 380-415V	Heater Kit FLA	Minimum Circuit Ampacity	Max. Fuse or Circuit Breaker
A036N	A06D	3.5/4.2	5.3/5.8	11/11	15/15
	A10D	6.0/7.2	9.2/10.0	14/15	15/15
	A12D	7.0/8.4	10.7/11.7	16/17	20/20
	A15D	9.0/10.8	13.7/15.0	20/21	20/25
	A20D	12.0/14.4	18.3/20.0	25/27	25/30
A042N	A06D	3.5/4.2	5.3/5.8	12/12	15/15
	A10D	6.0/7.2	9.2/10.0	14/15	15/15
	A12D	7.0/8.4	10.7/11.7	16/17	20/20
	A15D	9.0/10.8	13.7/15.0	20/21	20/25
	A20D	12.0/14.4	18.3/20.0	25/27	25/30
A048N	A06D	3.5/4.2	5.3/5.8	12/12	15/15
	A10D	6.0/7.2	9.2/10.0	14/15	15/15
	A12D	7.0/8.4	10.7/11.7	16/17	20/20
	A15D	9.0/10.8	13.7/15.0	20/21	20/25
	A20D	12.0/14.4	18.3/20.0	25/27	25/30
A060N	A06D	3.5/4.2	5.3/5.8	15/15	20/20
	A10D	6.0/7.2	9.2/10.0	15/15	20/20
	A12D	7.0/8.4	10.7/11.7	16/17	20/20
	A15D	9.0/10.8	13.7/15.0	20/22	20/25
	A20D	12.0/14.4	18.3/20.0	26/28	30/30
	A24D	15.1/18.0	22.9/25.0	31/34	35/35
A072N	A06D	3.5/4.2	5.3/5.8	17/17	25/25
	A10D	6.0/7.2	9.2/10.0	17/17	25/25
	A12D	7.0/8.4	10.7/11.7	17/19	25/25
	A15D	9.0/10.8	13.7/15.0	21/23	25/25
	A20D	12.0/14.4	18.3/20.0	27/29	30/30
	A24D	15.1/18.0	22.9/25.0	33/35	35/35
A085N	A10D	6.0/7.2	9.2/10.0	21/21	25/25
	A15D	9.0/10.8	13.7/15.0	21/23	25/25
	A20D	12.0/14.4	18.3/20.0	27/29	30/30
	A24D	15.1/18.0	22.9/25.0	33/35	35/35
A100N	A15D	9.0/10.8	13.7/15.0	25/25	30/30
	A20D	12.0/14.4	18.3/20.0	27/29	30/30
	A24D	15.1/18.0	22.9/25.0	33/35	35/35
A120NL	A15D	9.0/10.8	13.7/15.0	26/26	30/30
	A20D	12.0/14.4	18.3/20.0	27/29	30/30
	A24D	15.1/18.0	22.9/25.0	33/35	35/35
A120NM	A15D	9.0/10.8	13.7/15.0	28/28	35/35
	A20D	12.0/14.4	18.3/20.0	29/31	35/35
	A24D	15.1/18.0	22.9/25.0	35/37	35/40

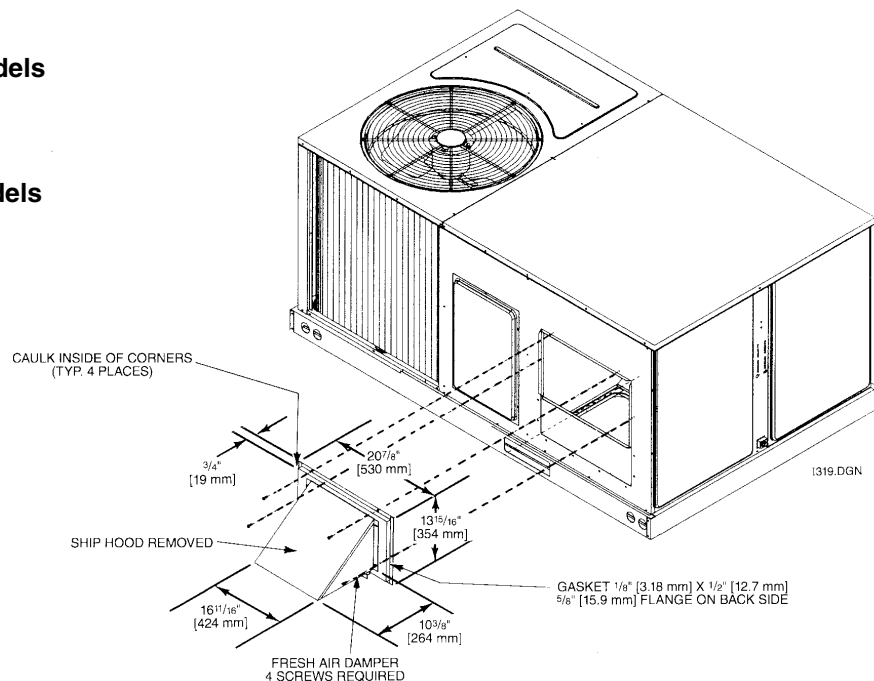
FRESH AIR DAMPER

SLKA-A036 Thru SLKA-A072 Models

RXRF-FBA1 (Manual)
RXRF-FBB1 (Motorized)

SLKA-A085 Thru SLKA-A120 Models

RXRF-FCA1 (Manual)
RXRF-FCB1 (Motorized)

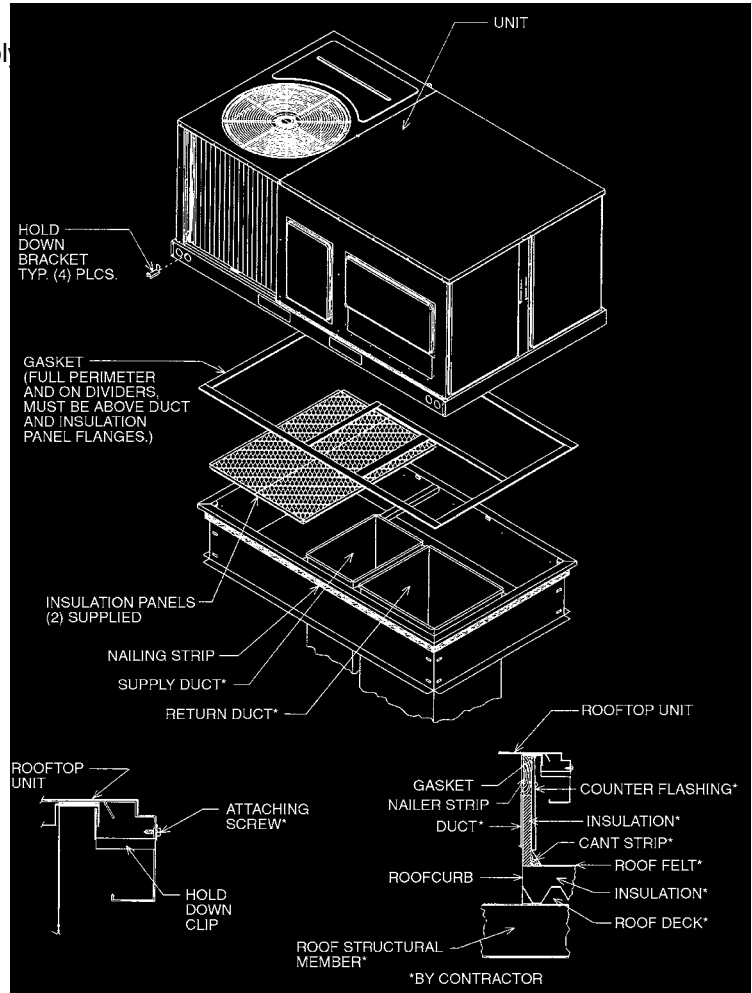


ROOFCURBS (Full Perimeter)

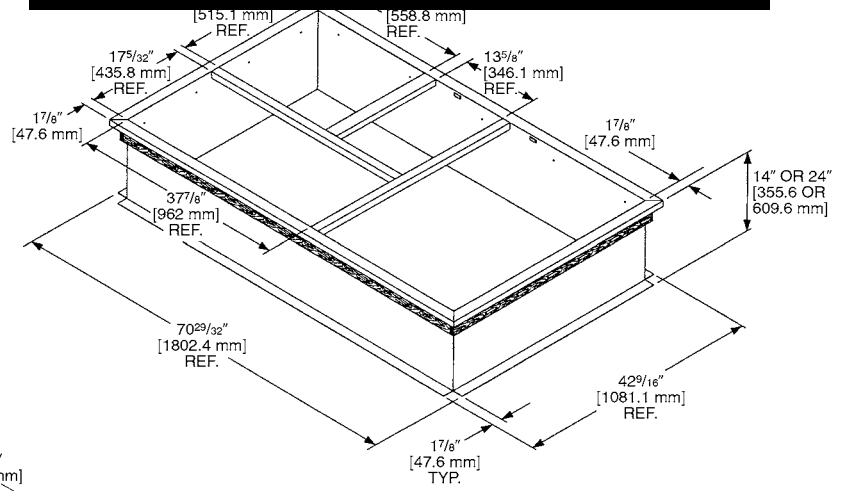
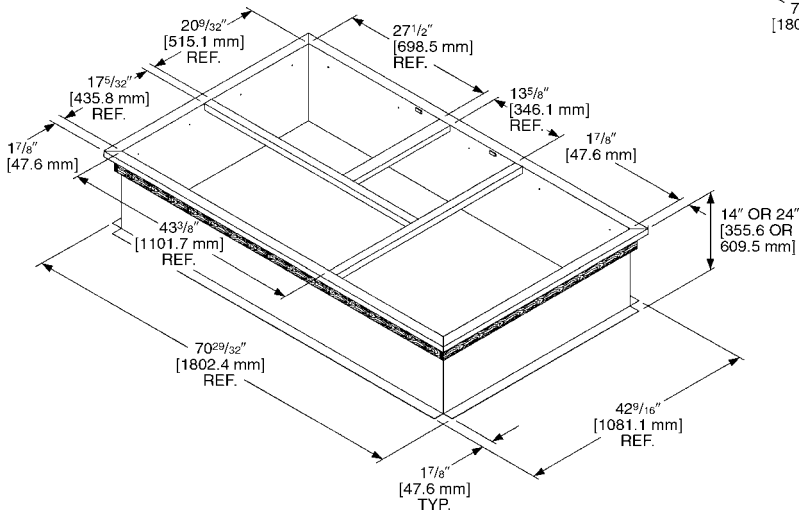
- Rheem's new roofcurb design can be utilized on 3 through 10 ton [10.6-35.2 kW] models.
- Two available heights (14" [356 mm] and 24" [610 mm]) for ALL models.
- Quick assembly corners for simple and fast assembly.
- Opening provided in bottom pan to match the "Thru the Curb" electrical connection opening provided on the unit base pan.
- 2" [51 mm] x 4" [102 mm] Nailers provided.
- Insulating panels provided.
- Sealing gasket (28" [711 mm]) provided with Roofcurb.
- Packaged for easy field assembly.

Roofcurb Model	Height of Curb
RXKG-BAD14	14" [356 mm]
RXKG-BAD24	24" [610 mm]

TYPICAL INSTALLATION



ROOFCURB FOR SLKA-A085, 100 AND 120 MODELS



ROOFCURB FOR SLKA-A036 THRU SLKA-A072 MODELS

ECONOMIZERS

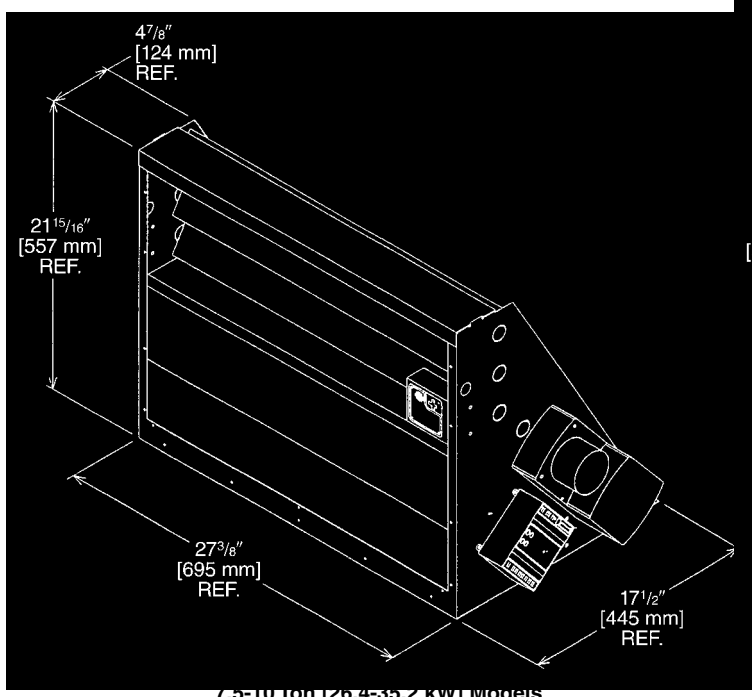
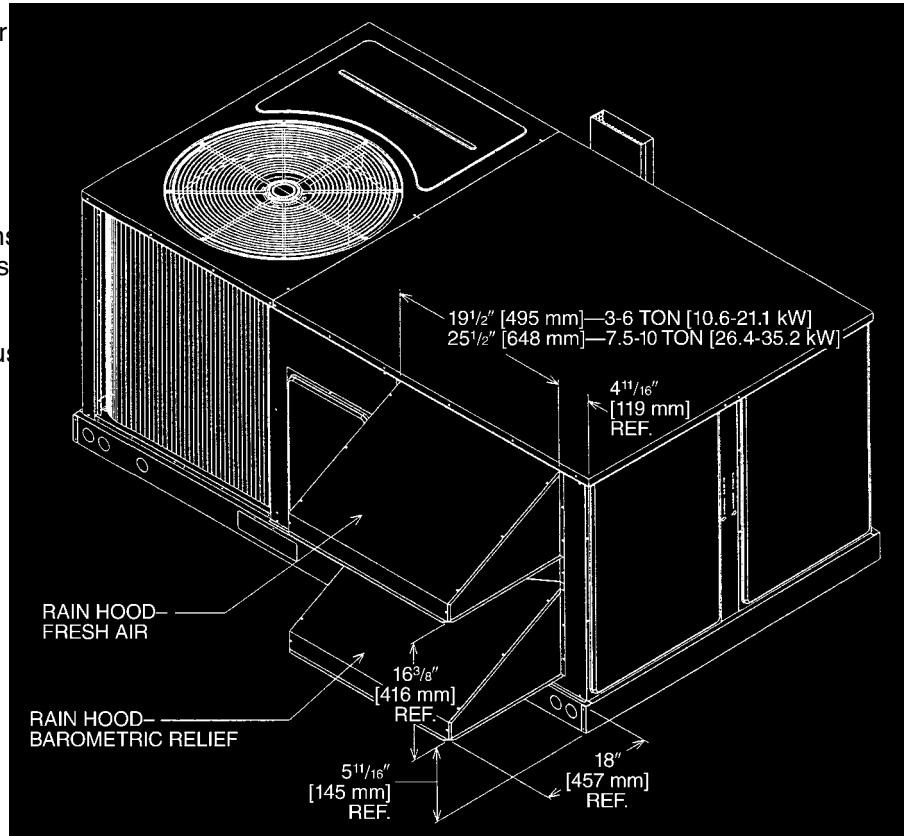
RXRD-EECM2—3-6 Ton [10.6-21.1 kW] Models Outdoor Air
 RXRD-ECCM2—7.5-10 Ton [26.4-35.2 kW] Models

RXRD-EECM3—3-6 Ton [10.6-21.1 kW] Models Single Enthalpy (Outdoor)
 RXRD-ECCM3—7.5-10 Ton [26.4-35.2 kW] Models

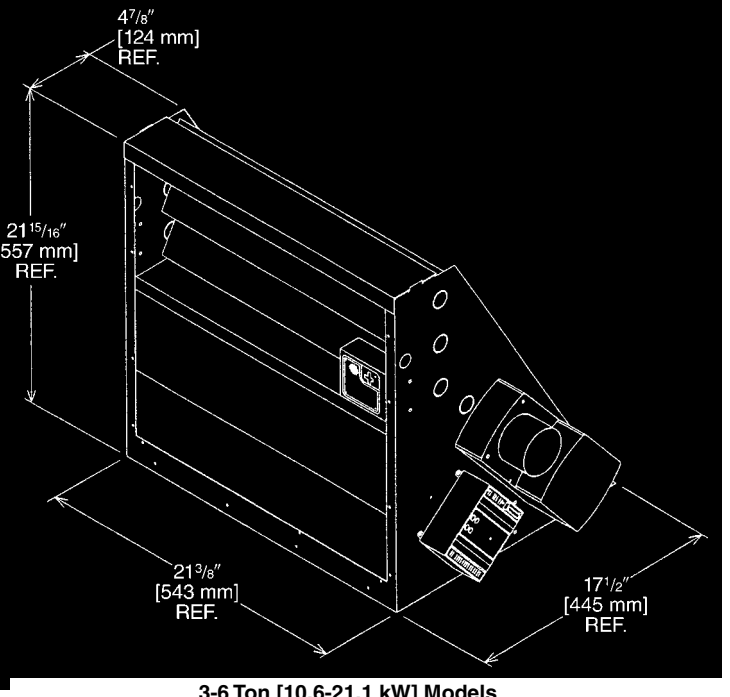
RXRD-EECM4—3-6 Ton [10.6-21.1 kW] Models Dual Enthalpy (Indoor & Outdoor)
 RXRD-ECCM4—7.5-10 Ton [26.4-35.2 kW] Models

RXRX-AJ01—3-10 Ton [10.6-35.2 kW] Models Optional CO₂ Sensor

- Features **Johnson Controls** Digital Controller
- Available factory installed or field accessory
- Gear Driven Direct Drive Actuator
- Fully Modulating (0-100%)
- Low Leakage Dampers
- Horizontal or Downflow Applications
- Slip-In Design for Easy Installations
- Plug-In Polarized 12-pin Electrical Connections
- Self-configuring—No Field Adjustments Necessary
- Standard Barometric Relief Damper Provided
- Dry Bulb, Single Enthalpy, Dual Enthalpy, Models Available with or without Power Exhaust
- CO₂ Input Sensor Available



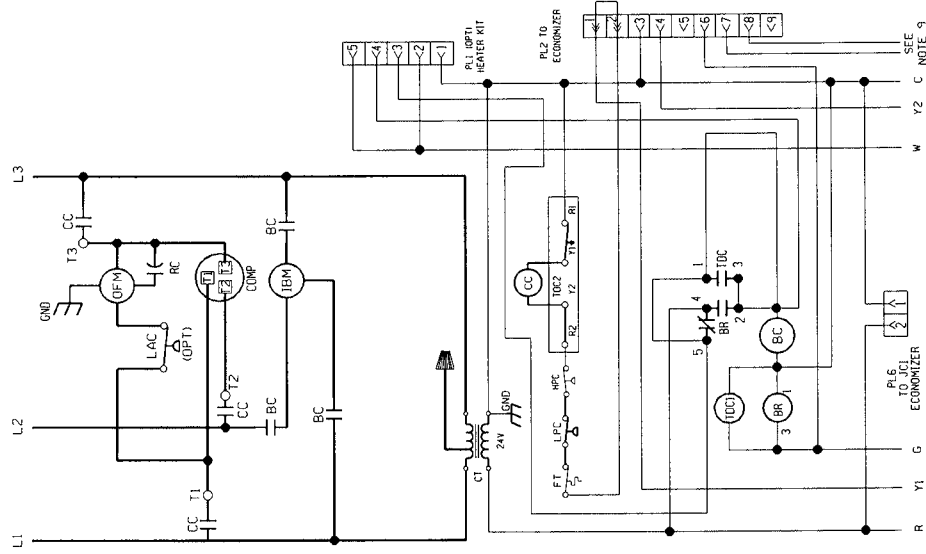
7.5-10 Ton [26.4-35.2 kW] Models



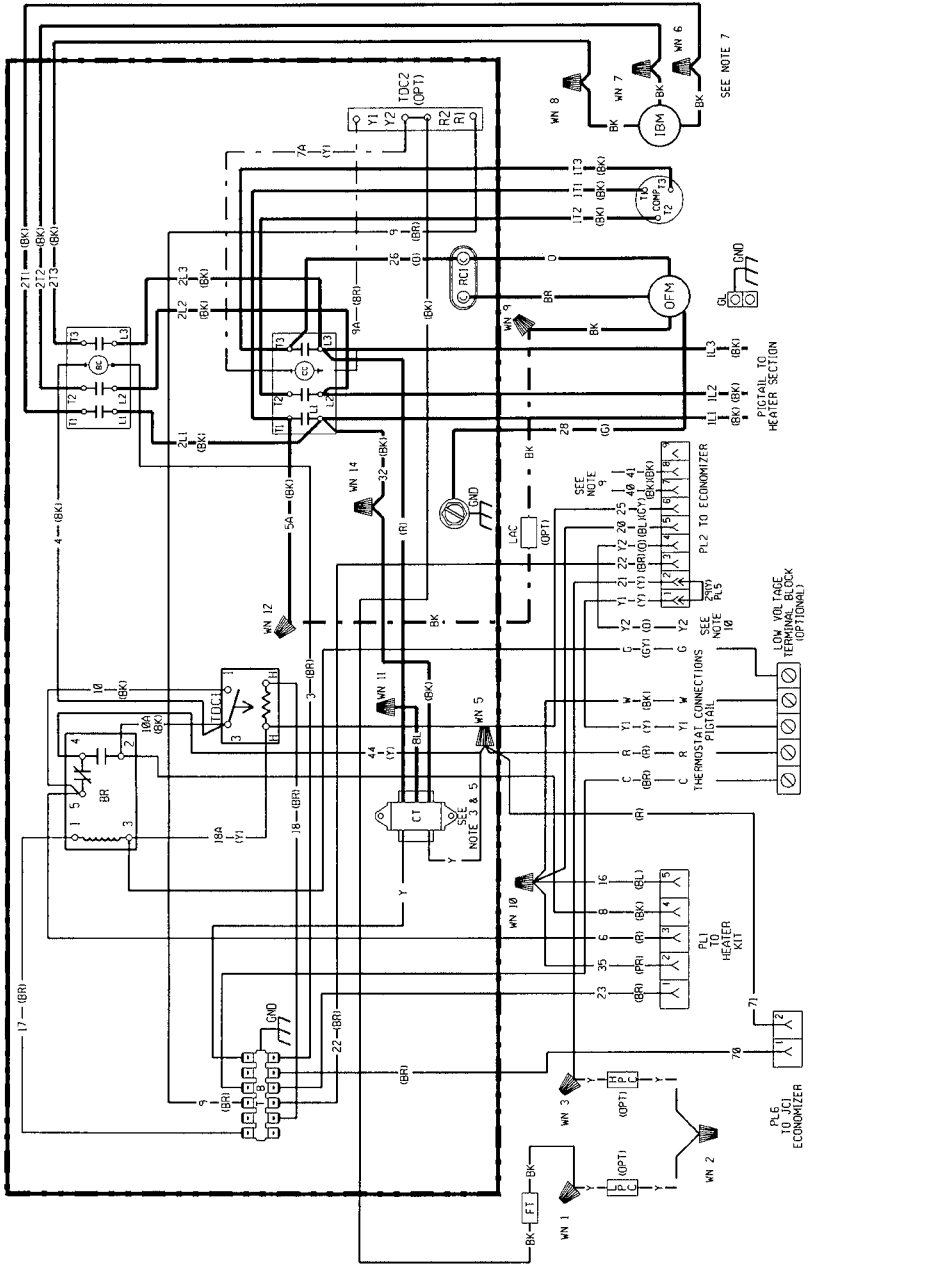
3-6 Ton [10.6-21.1 kW] Models

TYPICAL WIRING SCHEMATIC

WIRING SCHEMATIC



WIRING DIAGRAM



WIRE COLOR CODE	
BK	BLACK
BR	BROWN
BL	BLUE
G	GREEN
GY	GRAY
O	ORANGE
P	PURPLE
R	RED
W	WHITE
Y	YELLOW

WIRING INFORMATION	
LINE VOLTAGE	—FACTORY STANDARD
	-FACTORY OPTION
	-FIELD INSTALLED
LOW VOLTAGE	—FACTORY STANDARD
	-FACTORY OPTION
	-FIELD INSTALLED
REPLACEMENT WIRE	-MUST BE THE SAME SIZE AND TYPE OF INSULATION AS ORIGINAL (105° C MIN.)
WARNING	-CABINET MUST BE PERMANENTLY GROUNDED AND CONFORM TO I.E.C., N.E.C., C.E.C. AND LOCAL CODES AS APPLICABLE.

- NOTES:**
- CONNECTORS SUITABLE FOR USE WITH COPPER CONDUCTORS ONLY.
 - COMPRESSOR MOTOR THERMALLY PROTECTED. ALL 3 PHASE MODELS ARE PROTECTED UNDER PRIMARY SINGLE PHASE CONDITIONS.
 - CONTROL TRANSFORMER PRIMARY LEADS:
 RED-COMMON, BLUE-208V, BLACK-230V, BLACK/RED-460V, BLACK/BLUE-575V. TRANSFORMER FACTORY WIRE FOR 230 VOLTS ON "J" & "C" MODELS. INTERCHANGE BLACK AND BLUE LEADS FOR 208 VOLT OPERATION. 460 & 575 VOLT MODELS FACTORY WIRE FOR CORRECT VOLTAGE.
 60 HZ.
 ORANGE-COMMON, BLUE-380V, BLACK-415V.
 - CONTRACTOR FACTORY WIRE. CONNECT FIELD WIRE TO FACTORY SUPPLIED DIGITAL.
 - LOW VOLTAGE CIRCUIT IS N.E.C. CLASS 2 WITH A CLASS 2 TRANSFORMER. 24V, 50/60 HZ SUPPLIED.
 - CONNECT FIELD WIRING IN GROUNDED RAIN TIGHT CONDUIT TO 60 HZ FUSED DISCONNECT.
 - MOTOR FACTORY WIRE FOR CORRECT SPEED.
 - SEE FUSE LABEL ON UNIT FUSE BOX FOR FUSE SIZING AND CLASSIFICATION
 - WIRES FROM PL2 (7 & 8) GO TO THE MIXED AIR SENSOR ON THE OPTIONAL ECONOMIZER.
 - Y2 IS USED ONLY FOR THE OPTIONAL ECONOMIZER.

COMPONENT CODE	
BC	BLOWER MOTOR
BR	BLOWER RELAY
CC	COMPRESSOR CONTACTOR
COMP	COMPRESSOR
CT	CONTROL TRANSFORMER
FT	FREIZE-STAT
GROUND	GROUND LUG
GND	GROUND
HPC	HIGH PRESSURE CONTROL
IBMBD	INDOOR BLOWER MOTOR BELT DRIVE
LAC	LOW AMBIENT COOLING CONTROL
LPC	LOW PRESSURE CONTROL
OFM	OUTDOOR FAN MOTOR
PL	PLUG
PLC	RUN CAPACITOR
PL	TERMINAL BLOCK (LOW VOLTAGE)
TB	TIME DELAY CONTROL
TDC	WIRE NUT
WN	

90-23597-05-08

NOTES

THERMOSTATS—SELF-CONTAINED AIR CONDITIONERS

RECOMMENDED THERMOSTATS WITH AND W/O ECONOMIZER

Single Stage Cool w/o Economizer	Two Stage Cool w/Economizer
Maple Chase—Model #0970	Honeywell—Model #T7300-A1005
Honeywell—Model #T8602C	Honeywell—Model #T874D-1959
Maple Chase—Model #0960	
White Rodgers—Model #1F91-59	
Robertshaw—Model #CM64A-USAJ	

SAMPLE SPECIFICATIONS

Unit shall be completely factory assembled and performance tested to provide the required cooling and heating functions suitable for outdoor installations.

CABINET

Unit casing, base pan and framework shall be manufactured of galvanized sheet metal primed and finished with powder paint capable of withstanding a 1000-hour salt spray test per ASTM B 117. Unit interior cabinet surfaces shall be insulated with a minimum 1/2-inch thick foil faced insulation. Access panels shall be easily removable providing access to the blower, filter, heating compartment, and compressor/control box. Unit base rails shall be provided with fork insertion slots and rigging holes. Condensate drain pan shall be of sloped design to conform to ASHRAE 62. Unit shall be supplied ready for vertical airflow and be easily convertible to horizontal airflow at or before installation.

COMPRESSOR(S)

Unit shall be provided with fully hermetic scroll compressor(s) with internally protected safety controls.

ACCESSORIES

ROOF CURB

Curb shall be full perimeter type. Design shall provide for drop-in of supply and return ducts prior to setting unit, and include an insulating panel for the rest of the curb area.

MANUAL FRESH AIR DAMPER

Damper shall consist of damper and rainhood which is manually preset to admit up to 35% of outside air for field installation.

COILS

The evaporator and condenser coils shall be fabricated of copper tubes with mechanically bonded aluminum plate fins. They shall be pressure tested prior to assembly into the unit, and electronically leak tested after assembly.

CONDENSER FAN

A single direct drive propeller fan shall discharge air vertically upward. The fan motor shall be permanently lubricated and have built-in overload protection.

EVAPORATOR BLOWER

A single, double inlet, centrifugal wheel shall rotate in permanently lubricated ball bearings. The wheel shall be made from steel with corrosion resistant finish and shall be statically and dynamically balanced.

Before proceeding with installation, refer to installation instructions packaged with each model, as well as complying with all Federal, State, Provincial, and Local codes, regulations, and practices.

**Rheem Heating,
Cooling and
Water Heating**

P.O. Box 17010, Fort Smith, AR 72917



"In keeping with its policy of continuous progress and product improvement, Rheem reserves the right to make changes without notice."