

HI-ULTRA 24K, SEER2 20.5 & HSPF2 8.6, -25C, 230V

Hisense
COMFORT

Submittal Data: IDU: AST-24UW3SDN**01B ODU: AST-24UW3SDN01B

Smart, 24,000 BTU/H, Wall-Mounted Heat Pump System

Job Name:	Location:		
Purchaser:	Submitted by:		
Submitted to:	Reference:	Approval:	Construction:
Engineer:	Date:	Application:	

Key Features:

- 1: Energy star compliance.
- 2: Integrated Wi-Fi plus the ConnectLife smart app with Alexa and Google Assistant control put easy operation right at your fingertips.
- 3: Low temp heating: -13°F (-25°C)* for 3 hours. Low temp cooling: 5°F (-15°C).
- 4: Universal indoor units with Hi-Multi & Hi-Uni if longer lineset required.
- 5: Anti corrosion heat exchanger for Hassle-free operation.
- 6: Outdoor condenser base pan electric heater .
- 7: Easy installation with left and right hand condensate drain connections.
- 8: Hisense "I feel" sequence available with remote controller.
- 9: Washable High Definition Filter.
- 10: Auto restart in power loss.
- 11: Indoor Self-Cleaning with "Hisense Frost Clean" technology.
- 12: Optional wired room controller.
- 13: Fan finger guard protection.

Contact your local Hisense Partner for complete list of accessories

Images provided for reference purposes only



Performance & Efficiency:

Cooling at 95°F	Rated Cooling Capacity	Btu/h	23,000
	Minimum Cooling Capacity	Btu/h	8,000
	Maximum Cooling Capacity	Btu/h	26,000
	Rated Input-Cooling	Kw	1.87
	SEER2	Btu/w	20.50
	EER2	Btu/w	12.20
Heating at 47°F	Rated Heating Capacity	Btu/h	23,000
	Minimum Heating Capacity	Btu/h	8,000
	Maximum Heating Capacity	Btu/h	28,000
	Rated Input-Heating	Kw	2.51
	HSPF2	Btu/w	8.60
	COP (47F)		3.57
Heating at -8.3 °C (17°F AHRI)	Rated Heating Capacity	Btu/h	12,500
	Max Heating Capacity	Btu/h	18,000
Heating at -15 °C (5 °F)	Rated Heating Capacity	Btu/h	18,000
	Max Heating Capacity	Btu/h	20,500
	COP Maximum (5F)		1.91
Heating at -20 °C (-4 °F)	Max Heating Capacity	Btu/h	13,500

Outdoor Operating Temperature Range:

Working Temperature Range - Cooling	(°C/°F)	-15°C-48°C (5°F-118°F)
Working Temperature Range - Heating	(°C/°F)	-25°C-24°C (-13°F-75°F)

Electrical:

Power Supply		208 - 230v/1Ph/60Hz
Required Voltage Range	VAC	187 - 253
Min.Circuit Ampacity	A	20
Max Fuse Size/Fusible Max.	A	30
Rated Current	Cooling (A)	8.3
	Heating (A)	11

Indoor Unit Specifications:

Power Supply	VAC	Powered by outdoor unit
Fan Motor Output	W	35
Fan Motor Speed (H/M/L)	RPM	1200/1040/880
Moisture Removal	L/H.r	2.4
Air Circulation (Ultra\High\Medium\Low)	m3/h	1200/1100/950/750
Sound Pressure(Higer/H/M/L/silence)	dB (A)	50/47/42/36/33
Net Dimensions WxHxD	mm	1148 × 336 × 256
	in.	45-1/4 × 13-1/4 × 10-1/8
Package Dimensions WxHxD	mm	1215 × 410 × 330
	in.	47-7/8 × 16-1/8 × 13
Net/Gross Weight	kg	14.5 / 17.0
	lbs.	32 / 37.5
Liquid Pipe	in.	3/8
Gas Pipe	in.	5/8

Outdoor Unit Specifications:

Refrigerant Type		R410A
Refrigerant charge volume	Oz	75.84
Refrigerant pre-charge	ft	25
Additional charge per ft.	oz	0.22
Liquid Pipe	in.	3/8
Gas Pipe	in.	5/8
Maximum Piping Length	ft.	65
Maximum Height Difference	ft.	32
Fan Motor Output	W	70
Fan Motor Speed (H/M/L)	RPM	780/650/500
Sound pressure	dB (A)	58
Net Dimensions WxHxD	mm	885 × 795 × 366
	in.	34-7/8 × 31-5/16 × 14- 3/8
Net Dimensions WxHxD	mm	1050 × 890 × 500
	in.	41-11/32 × 35 × 19-11/16
Net/Gross Weight	kg	61/65.5
	lbs.	134.5/144.4

Accessories Model No.

Description:

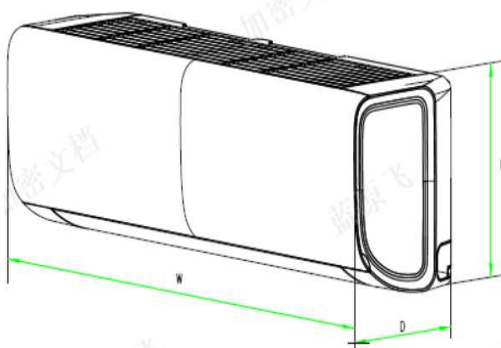
RCH-RTY5-0

Remote Controller **(Included)**

YXE-C01U1

Wired Controller **(Optional)**

Indoor Unit Outline and Dimensions:



Net Dimensions W x H x D

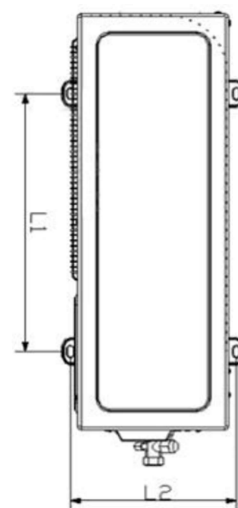
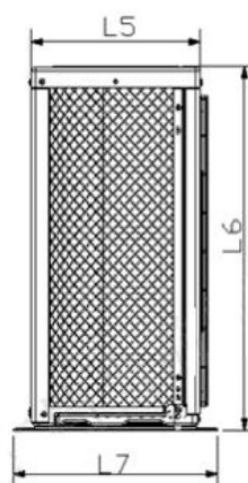
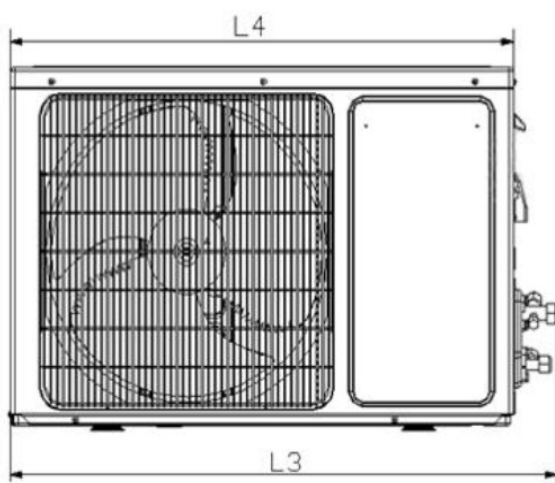
mm

1148 × 336 × 256

in.

45-1/4 × 13-1/4 × 10-1/8

Outdoor Unit Outline and Dimensions:



	L1	L2	L3	L4	L5	L6	L7
mm	662	390	959	885	366	795	414
in	26.06	15.35	37.76	34.84	14.41	31.30	16.30