

HI-ULTRA 18K, SEER2 22.5 & HSPF2 9.2, -25C, 230V

Hisense
COMFORT

Submittal Data: IDU: AST-18UW3SBN**00B ODU: AST-18UW3SBN00B
Smart, 18,000 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	18,000
	Minimum Cooling Capacity	Btu/h	6,500
	Maximum Cooling Capacity	Btu/h	19,500
	Rated Input-Cooling	Kw	1.37
	SEER2	Btu/w	22.50
	EER2	Btu/w	13.00
Heating at 47°F	Rated Heating Capacity	Btu/h	17,000
	Minimum Heating Capacity	Btu/h	6,500
	Maximum Heating Capacity	Btu/h	19,000
	Rated Input-Heating	Kw	1.64
	HSPF2	Btu/w	9.20
	COP (47F)		3.15
Heating at -8.3 °C (17°F AHRI)	Rated Heating Capacity	Btu/h	10,000
	Max Heating Capacity	Btu/h	15,000
Heating at -15 °C (5 °F)	Rated Heating Capacity	Btu/h	11,900
	Max Heating Capacity	Btu/h	13,770
	COP Maximum (5F)		1.87
Heating at -20 °C (-4 °F)	Max Heating Capacity	Btu/h	12,000

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	15
Max Fuse Size/Fusible Max.	A	20
Rated Current	Cooling (A)	6.3
	Heating (A)	7.2

Indoor Unit Specifications:

Power Supply	VAC	Powered by outdoor unit
Fan Motor Output	W	35
Fan Motor Speed (H/M/L)	RPM	1100/960/800
Moisture Removal	L/H.r	1.5
Air Circulation (Ultra\High\Medium\Low)	m3/h	1100/1000/820/650
Sound Pressure(Higer/H/M/L/silence)	dB (A)	48/45/41/37/34
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.	1/4
Gas Pipe	in.	1/2

Outdoor Unit Specifications:

Refrigerant Type		R410A
Refrigerant charge volume	Oz	54.67
Refrigerant pre-charge	ft	25
Additional charge per ft.	oz	0.22
Liquid Pipe	in.	1/4
Gas Pipe	in.	1/2
Maximum Piping Length	ft.	65
Maximum Height Difference	ft.	32
Fan Motor Output	W	60
Fan Motor Speed (H/M/L)	RPM	840/650/500
Sound pressure	dB (A)	55
Net Dimensions WxHxD	mm	860 x 650 x 310
	in.	33-7/8 x 25-1/2 x 12-3/16
Net Dimensions WxHxD	mm	995 x 720 x 420
	in.	39-3/16 x 28-3/8 x 16-1/2
Net/Gross Weight	kg	45/49
	lbs.	99.2/108

Accessories Model No.

Description:

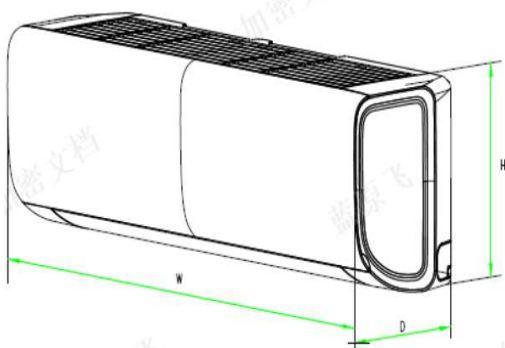
RCH-RTY5-0

Remote Controller **(Included)**

YXE-C01U1

Wired Controller **(Optional)**

Indoor Unit Outline and Dimensions:



Net Dimensions W x H x D

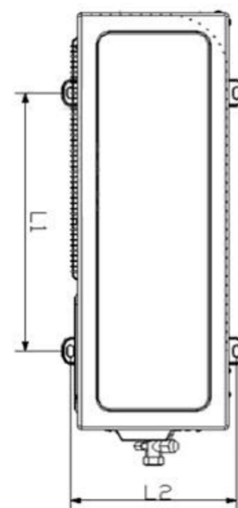
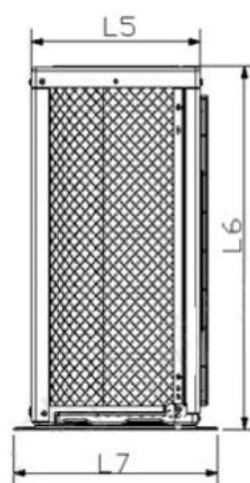
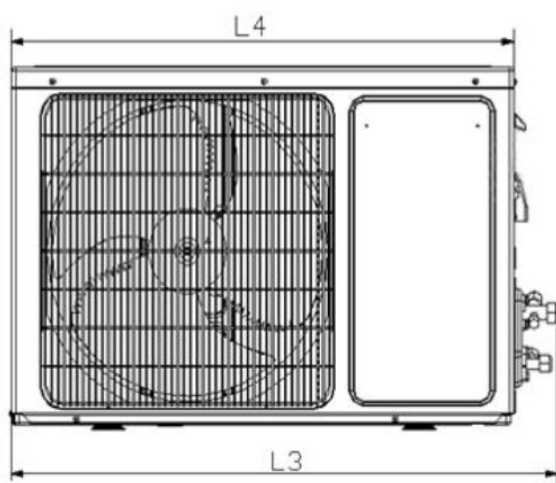
mm

1148 x 336 x 256

in.

45-1/4 x 13-1/4 x 10-1/8

Outdoor Unit Outline and Dimensions:



	L1	L2	L3	L4	L5	L6	L7
mm	542	341	935	860	310	650	368
in	21.34	13.43	36.81	33.86	12.20	25.59	14.49