

# HI-ULTRA Xtreme 18K, SEER2 20.5 & HSPF2 9.5, -30C, 230V

**Hisense**  
COMFORT

Submittal Data: IDU: AST-18UW3SBB\*\*01 ODU: AST-18UW3SBB01

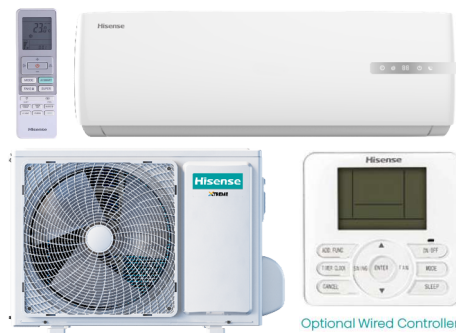
Xtreme 18,000 BTU/H, Wall-Mounted Heat Pump System

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: -22°F (-30°C). 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..

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	4,500
	Maximum Cooling Capacity	Btu/h	20,000
	Rated Input-Cooling	Kw	1.36
	SEER2	Btu/w	20.50
	EER2	Btu/w	13.20
Heating at 47°F	Rated Heating Capacity	Btu/h	19,000
	Minimum Heating Capacity	Btu/h	5,500
	Maximum Heating Capacity	Btu/h	19,200
	Rated Input-Heating	Kw	1.62
	HSPF2	Btu/w	9.50
	COP (47F)		3.51
Heating at -8.3 °C (17°F AHRI)	Rated Heating Capacity	Btu/h	10,500
	Max Heating Capacity	Btu/h	17,500
Heating at -15 °C (5 °F)	Rated Heating Capacity	Btu/h	13,300
	Max Heating Capacity	Btu/h	15,500
	COP Maximum (5F)		1.80
Heating at -30 °C (-22 °F)	Max Heating Capacity	Btu/h	12,000

## Outdoor Operating Temperature Range:

Working Temperature Range - Cooling	(°C/°F)	-15°C-46°C (5°F-115°F)
Working Temperature Range - Heating	(°C/°F)	-30°C-24°C (-22°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
	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	1200/1100/960/800
Moisture Removal	L/H.r	1.5
Air Circulation (Ultra\High\Medium\Low)	m3/h	1100 / 950 / 800 / 650
Sound Pressure(Higer/H/M/L/silence)	dB (A)	48 / 45 / 39 / 35 / 32
Net Dimensions WxHxD	mm	1148 × 315 × 236
	in.	45-3/16 × 12-3/8 × 9-1/4
Package Dimensions WxHxD	mm	1210 × 390 × 315
	in.	47-5/8 × 15-3/8 × 12-3/8
Net/Gross Weight	kg	13.5/16
	lbs.	29.7/35.2
Liquid Pipe	in.	1/4
Gas Pipe	in.	1/2

## Outdoor Unit Specifications:

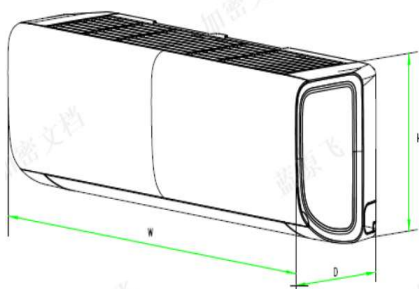
Refrigerant Type		R410A
Refrigerant charge volume	g/Oz	1900/67.02
Refrigerant pre-charge	ft	24.6
Additional charge per ft.	oz	0.22
Liquid Pipe	in.	1/4
Gas Pipe	in.	1/2
Maximum Piping Length	ft.	65
Maximum Height Difference	ft.	32
Fan Motor Output	W	60
Fan Motor Speed (H/M/L)	RPM	840/650/450
Sound pressure	dB (A)	58
Net Dimensions WxHxD	mm	860 x 650 x 310
	in.	33-7/8 x 25-9/16 x 12-3/16
Package Dimensions WxHxD	mm	995 x 730 x 445
	in.	39-3/16 x 28-3/4 x 17-1/2
Net/Gross Weight	kg	46/50
	lbs.	101.2/110

## Accessories Model No.

## Description:

RCH-RTY5-0	Remote Controller <b>(Included)</b>
YXE-C01U1	Wired Controller <b>(Optional)</b>

## Indoor Unit Outline and Dimensions:



Net Dimensions W x H x D

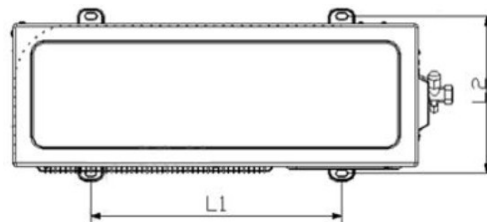
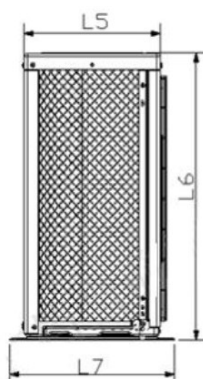
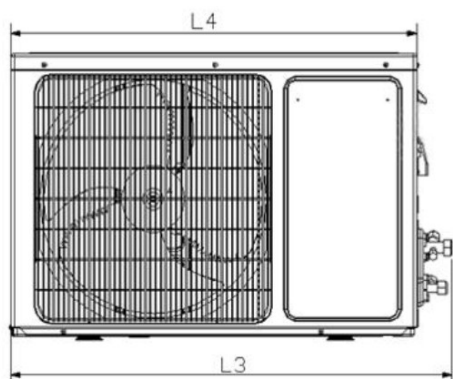
mm

1148 x 315 x 236

in.

45-3/16 x 12-3/8 x 9-1/4

## 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