

# HI-ULTRA Xtreme 12K, SEER2 23.5 & HSPF2 9.5, -30C, 230V

**Hisense**  
COMFORT

Submittal Data: IDU: AST-12UW3SXE\*\*02 ODU: AST-12UW3SXEO2

Xtreme 12,000 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:

Condition	Parameter	Unit	Value
Cooling at 95°F	Rated Cooling Capacity	Btu/h	12,000
	Minimum Cooling Capacity	Btu/h	3,000
	Maximum Cooling Capacity	Btu/h	14,000
	Rated Input-Cooling	Kw	0.94
	SEER2	Btu/w	23.50
	EER2	Btu/w	12.50
Heating at 47°F	Rated Heating Capacity	Btu/h	12,000
	Minimum Heating Capacity	Btu/h	3,000
	Maximum Heating Capacity	Btu/h	12,000
	Rated Input-Heating	Kw	0.94
	HSPF2	Btu/w	9.50
	COP (47F)		3.74
Heating at -8.3 °C (17°F AHRI)	Rated Heating Capacity	Btu/h	6,800
	Max Heating Capacity	Btu/h	11,500
Heating at -15 °C (5 °F)	Rated Heating Capacity	Btu/h	8,400
	Max Heating Capacity	Btu/h	10,000
	COP Maximum (5F)		1.89
Heating at -30 °C (-22 °F)	Max Heating Capacity	Btu/h	6,000

### 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	10
Max Fuse Size/Fusible Max.	A	15
Rated Current	Cooling (A)	4.3
	Heating (A)	4.3

### Indoor Unit Specifications:

Power Supply	VAC	Powered by outdoor unit
Fan Motor Output	W	25
Fan Motor Speed (H/M/L)	RPM	1250 / 1150 / 990
Moisture Removal	L/H.r	1.2
Air Circulation (Ultra\High\Medium\Low)	m3/h	680 / 640 / 550 / 430
Sound Pressure(Higer/H/M/L/silence)	dB (A)	42 / 40 / 36 / 32 / 29
Net Dimensions WxHxD	mm	870 × 270 × 214
	in.	34-1/4 × 10-5/8 × 8-7/16
Package Dimensions WxHxD	mm	900 × 335 × 260
	in.	35-7/16 × 13-3/16 × 10-1/4
Net/Gross Weight	kg	8.5 / 10.5
	lbs.	18.7 / 23.1
Liquid Pipe	in.	1/4
Gas Pipe	in.	3/8

**Outdoor Unit Specifications:**

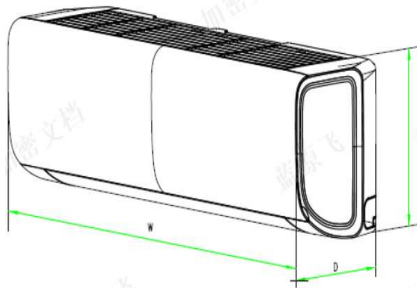
Refrigerant Type		R410A
Refrigerant charge volume	g/Oz	1180/41.62
Refrigerant pre-charge	ft	24.6
Additional charge per ft.	oz	0.22
Liquid Pipe	in.	1/4
Gas Pipe	in.	3/8
Maximum Piping Length	ft.	65
Maximum Height Difference	ft.	32
Fan Motor Output	W	36
Fan Motor Speed (H/M/L)	RPM	950/800/650
Sound pressure	dB (A)	53
Net Dimensions WxHxD	mm	810 x 585 x 280
	in.	31-7/8 x 23 x 11
Package Dimensions WxHxD	mm	940 x 640 x 385
	in.	37 x 25-3/16 x 15-1/4
Net/Gross Weight	kg	33/36
	lbs.	72.8/79.4

**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

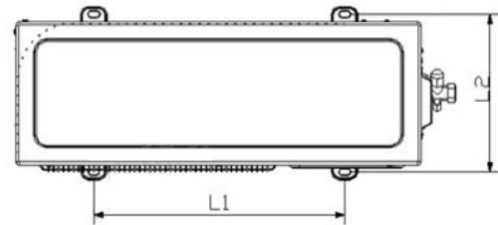
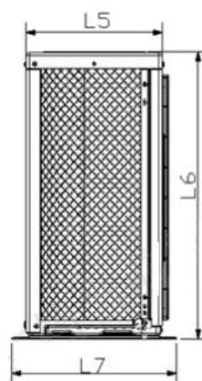
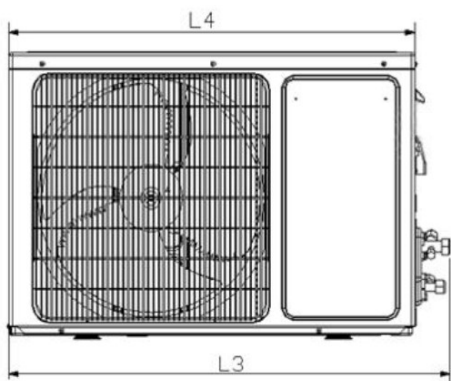
mm

870 × 270 × 214

in.

34-1/4 × 10-5/8 × 8-7/16

**Outdoor Unit Outline and Dimensions:**



	L1	L2	L3	L4	L5	L6	L7
mm	510	310	873	810	280	585	338
in	20.08	12.20	34.37	31.89	11.02	23.03	13.31