

# Hisense Hi-ULTRA Xtreme 18K 230V



**Submittal Data: AST-18UW3SBBDH01 AST-18UW3SBBDH01G**  
**18,000 BTU/H, Wall-Mounted, Xtreme Heat Pump System**

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

- 1\ENERGY STAR certified + Xtreme Heat, up to 94% Heating at 5°F
- 2\WiFi built-in, Available ConnectLife APP for both iOS and Android to control your room temp. with smartphone
- 3\Anti corrosion heat exchanger for Hesse-WiFi built-in, Available operation
- 4\Universal indoor units with Hi-Multi
- 5\Heating below -20°C (-4°F)
- 6\Chassis Electric heater
- 7\ Easy installation
- 8\ "I feel" in remote controller
- 9\ 2 -Way Drain Connection (Left or Right)
- 10\Washable High Definition Filter
- 11\ Auto Restart
- 12\Indoor Self-Cleaning w/ FrostClean Technology
- 13\Optional Wired Controller

Images provided for reference purposes only



## Performance:

|                                |                        |       |            |
|--------------------------------|------------------------|-------|------------|
| Cooling                        | Cooling Capacity       | Btu/h | 18,000     |
|                                | Cooling Capacity Range | Btu/h | 4500~20000 |
|                                | Rated Input-Cooling    | W     | 1360       |
| Heating at 47°F                | Heating Capacity       | Btu/h | 19,000     |
|                                | Heating Capacity Range | Btu/h | 5500~23000 |
|                                | Rated Input-Heating    | W     | 1620       |
| Heating at -8.3 °C (17°F AHRI) | Heating Capacity       | Btu/h | 10,500     |
| Heating at -15 °C (5 °F)       | Heating Capacity       | Btu/h | 13,300     |
| Heating at -20 °C (-5 °F)      | Heating Capacity       | Btu/h | 12,800     |
| Heating at -25 °C (-13 °F)     | Heating Capacity       | Btu/h | 12,500     |
| Heating at -30 °C (-22 °F)     | Heating Capacity       | Btu/h | 12,000     |

## Efficiency:

|            |       |
|------------|-------|
| SEER       | 20.50 |
| SEER2      | 20.5  |
| HSPF       | 10.50 |
| HSPF2      | 9.5   |
| EER -BTU/W | 13.00 |
| COP -BTU/W | 11.97 |

## 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 |        |
| Rated Current              | Cooling (A)       | 5.95   |
|                            | Heating (A)       | 7      |
| Current Range              | Cooling (A)       | 1.5-12 |
|                            | Heating (A)       | 1.5-12 |
| Max Fuse Size/Fusible Max. | A                 | 20     |
| Min.Circuit Ampacity       | A                 | 15     |



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**Indoor Unit Specifications:**

|                                         |        |                        |
|-----------------------------------------|--------|------------------------|
| Fan Motor Output                        | W      | 35                     |
| Fan Motor Speed (H/M/L)                 | RPM    | 1200/1040/880          |
| Moisture Removal                        | L/H.r  | 1.5                    |
| Air Circulation (Ultra\High\Medium\Low) | m3/h   | 950 / 800 / 650        |
| Sound Pressure(Higer/H/M/L/silence)     | dB (A) | 48/45/41/39/35         |
| Net Dimensions    WxHxD                 | mm     | 1085×315×235           |
|                                         | in.    | 42 11/16x12 3/8 x9 1/4 |
| Net Weight                              | kg     | 13.5                   |
|                                         | lbs.   | 29.8                   |

**Outdoor Unit Specifications:**

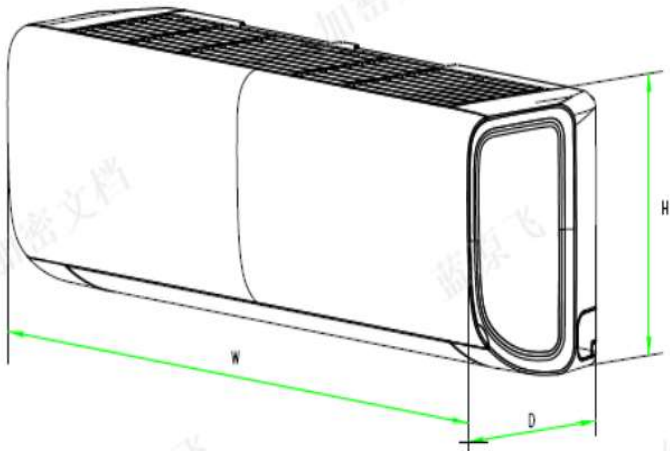
|                           |        |                        |
|---------------------------|--------|------------------------|
| Fan Motor Output          | W      | 60                     |
| Fan Motor Speed (H/M/L)   | RPM    | 840                    |
| Sound pressure            | dB (A) | 58                     |
| Refrigerant charge volume | g      | R410A/1900             |
| Net Dimensions    WxHxD   | mm     | 860x650x310            |
|                           | in.    | 33 7/8x25 9/16x12 3/16 |
| Net Weight                | kg     | 46                     |
|                           | lbs.   | 101.4                  |
| Liquid Pipe               | in.    | 1/4                    |
| Gas Pipe                  | in.    | 1/2                    |
| Maximum Piping Length     | m.     | 20                     |
| Maximum Height Difference | m.     | 10                     |

| <b>Model No.</b> | <b>Description:</b>         |
|------------------|-----------------------------|
| RCH-RTY5-0       | Remote Controller           |
| YXE-C01U1        | Wired Controller (Optional) |



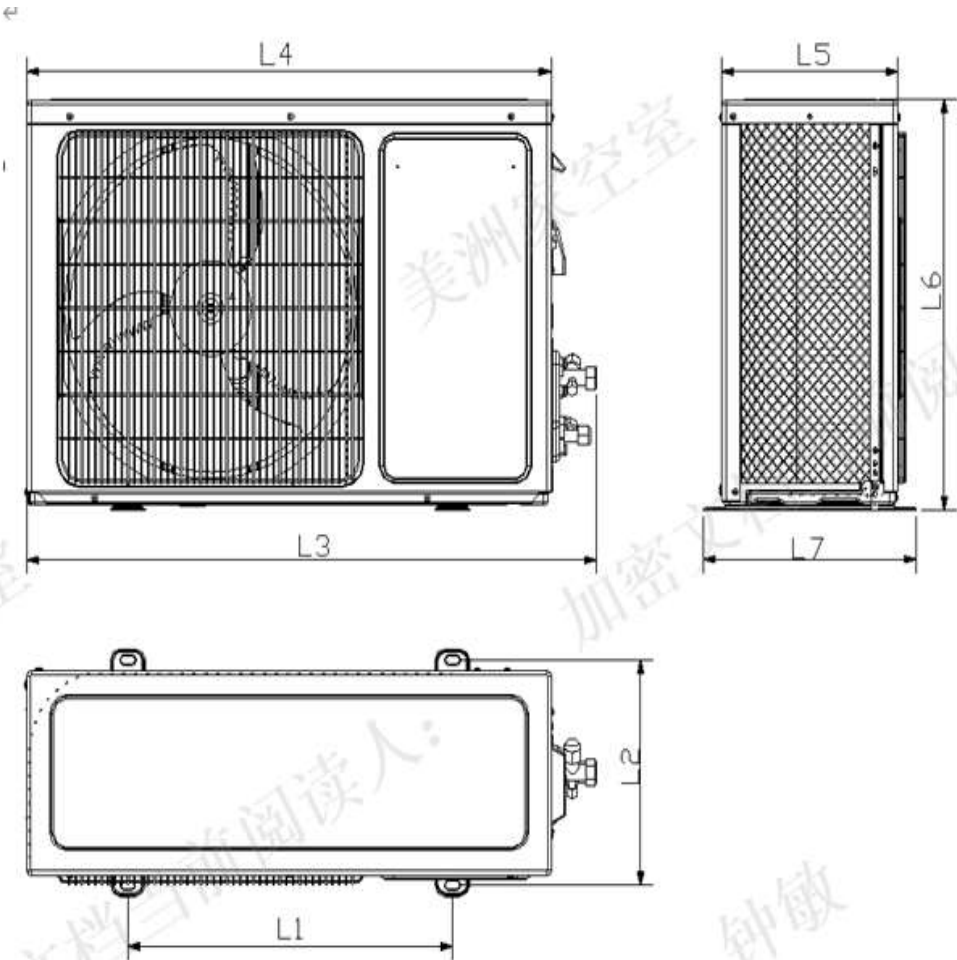
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Indoor Unit Outline and Dimensions:



|    | W    | H    | D   |
|----|------|------|-----|
| mm | 1085 | 315  | 235 |
| in | 42.7 | 12.4 | 9.3 |

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 |