

# Hisense Hi EDGE Heat Pump SEER2 22.5 and HSPF2 9.00



**Submittal Data:**  
**AO-09U3R26E2 Heat Pump and AS-09U3RHB25E Wall-Mounted IDU**  
**9,000 BTU/H Cooling Capacity and 9,000 BTU/H Heating Capacity**  
**R32 Refrigerant System - EPA Low GWP Compliant Product**

Job Name:		Location:	
Purchaser:		Date:	Engineer:
Submitted to:		Submitted by:	
Other / Notes:			FOR: <input type="checkbox"/> File <input type="checkbox"/> Resubmit <input type="checkbox"/> Approval <input type="checkbox"/> Other

### Equipment Features:



**OUTDOOR UNIT**

**Efficiency and comfort:** Up to 22.5 SEER2 / 12.5 EER2 / 9 HSPF2

**Low Ambient Performance:** Confirmed continuous operation as low as -4°F (-20°C) ambient temperature.

**R32 EPA Low-GWP Refrigerant**

**Base Pan Electric Heater** installed for stable operation in extreme conditions.

**BLUE Fin Anti-Corrosion Heat Exchanger** and Insect-Proof electronics box design for long-lasting reliability.

Outdoor **Intelligent defrosting tech** improves system efficiency and reliable operation.

**INDOOR UNIT**

**Quick and easy installation** with mounting bracket and detachable IDU base plate.

Integrated **Wi-Fi plus the ConnectLife smart app** with Alexa and Google Assistant control put easy operation right at your fingertips.

**Build in A2L Safety Sensor** - Ensures safety for both homeowners and technicians.

Blue Fin Anti-Corrosion Heat Exchanger, **Max 1,000-hour salt-spray tested** for extended life and increase performance.

**4-Way Air Flow** for optimized comfort.

Easily accessible and **washable High Definition Filter** for improved air quality and maintenance.

Self-cleaning indoor with **Hisense FrostClean™ technology** to reduce dust and bacteria for a healthier home

**Whisper-Quiet Operation** with noise level as low as 28dB.

**"I Feel!" Mode** to control the temperature user location/remote vs indoor unit.

Display **Dimmer** turns off the both displays to eliminate lighting at night

**Child-Safe Finger Guards** to protect small hands from indoor fan.

Contact your local Hisense Partner for complete list of accessories

Cooling at 95°F (35°C)	Maximum Capacity	Btu/h	10,000
	Rated Capacity	Btu/h	9,000
	Minimum Capacity	Btu/h	3,600
	Maximum Power Input	W	1000
	Rated Power Input	W	720
	Moisture Removal	Pints/h ~ L/h	1.6-0.9
	Sensible Heat Factor	multiplier	0.78
Power Factor (208V / 230V)	%	97%	
Heating at 47°F (8.3°C)	Maximum Capacity	Btu/h	10,000
	Rated Capacity	Btu/h	9,000
	Maximum Power Input	W	1000
	Rated Power Input	W	670
Power Factor (208V / 230V)	%	97%	
Heating at 17°F (-8.3°C)	Maximum Capacity	Btu/h	6,900
	Rated Capacity	Btu/h	6,500
	Maximum Power Input	W	850
Rated Power Input	W	770	

**Submittal Data Continued: AO-09U3R26E2 Heat Pump and AS-09U3RHB25E Wall Mount IDU**

Heating at 5°F (-15°C)	Maximum Capacity	Btu/h	5,400
	Maximum Power Input	W	750
Heating at -4°F (-20°C)	Maximum Capacity	Btu/h	4,000
	Maximum Capacity	Btu/h	N/A
Efficiency	SEER2	Information	22.5
	EER2	Information	12.5
	HSPF2 [W]	Information	9
	COP at 47°F ~ (-8.3°C) Maximum Capacity	Information	2.93
	COP at 17°F ~ (-8.3°C) Maximum Capacity	Information	2.38
	COP at 5°F ~ (-15°C) Maximum Capacity	Information	2.1
	COP at -13°F ~ (-25°C) Maximum Capacity	Information	N/A
Electrical	Voltage, Phase, Hertz	Information	208V/230V, 1, 60
	Required Voltage Range	V AC	187~253
	Voltage - Indoor IDU	V AC	208V/230V, 1, 60
	Power Supply IDU	V AC	Powered by the Outdoor Unit
	Recommended Outdoor Fuse/Breaker Size	A	Outdoor: 15A
	Recommended Wire Size [Power/ Communication]	AWG-#	16-3/ 18-4
Indoor Unit	MCA	A	3
	Fan Motor Full Load Amperage	A	0.32
	Fan Motor Type	Information	cross-flow fan/DC/25
	Air Flow Rate Cooling (U-H-M-L-S)	m3/h / CFM	655/620/520/430/380~ 383/365/306/253/224
	Cooling speed(Super/High/Mid/Low)	r/min	1250/1100/850/750
	Heating speed(Super/High/Mid/Low)	r/min	1250/1100/850/750
	Sound Pressure Levels Cooling (U-H-M-L-S)	(±1 dB[A]) <sup>3</sup>	45/40/32/30/28
	Sound Pressure Levels Heating (U-H-M-L-S)	(±1 dB[A]) <sup>3</sup>	45/40/32/30/28
	Drain Pipe Size	In. [mm]	3/4(19)-O.D
	Coating on Heat Exchanger~Fin Salt Spray Test	Type ~ Hours	Blue~500
NET IDU Weight	Lbs. ~ kg	21~9.5	
Outdoor Unit	MCA	A	9.5
	MOCP or Maximum Circuit Breaker	A	15
	Rated Load Amps	A	0.4
	Fan Motor Type and Load	Type ~ W	Propeller fan ~36
	Refrigerant Metering Control	Type	Capillary Throttle Valve
	Coating on Heat Exchanger~Fin Salt Spray Test	Type ~ Hours	Blue~1000
	Outdoor air flow (H/M/L)	m3/h / CFM	1800/1500/1200~ 1059/882/706
	Sound Pressure Cooling Mode (ISO 3745)	(±1 dB[A]) <sup>3</sup>	53
	Base Pan Heater	Feature	Included Standard Option
NET ODU Weight	Lbs. ~ kg	50.7 ~ 23	
Outdoor Unit (Cont.)	Compressor Type and Control	Type	Rotary~INVERTER
	Compressor Oil [Type ~ Charge]	PVE ~ oz. / mL	ESTER OIL VG74~8.12/240
	Rated Current Load [Cooling - Heating]	A	3.4 - 3.1
Refrigerant Piping and Volume	Refrigerant Type (GWP)	Type	R32 (675 GWP)
	Refrigerant Charge in System	oz. / g	21.5/610
	Pipe Length No Additional Refrigerant	ft. / m	24.61/7.50
	Additional Refrigerant	oz/ft ~ g/m	0.22 ~ 20
	Minimum Pipe Length~Maximum Pipe Length	ft./m ~ ft./m	13.12/4~65.62 / 20
	Maximum Height Difference (ODU to IDU)	ft. / m	49.21 / 15
	Liquid Line	in. OD	"1/4
Vapor Line	in. OD	"3/8	
Operating Temperature Range	Ambient Cooling [ Minimum ~ Maximum]	°F / °C	(5~118)/(-15~48)
	Ambient Heating [ Minimum ~ Maximum]	°F / °C	(-4~75)/(-20~24)
	Indoor Cooling [ Minimum ~ Maximum]	°F / °C	(61~86)/(16~30)
	Indoor Heating [ Minimum ~ Maximum]	°F / °C	(61~86)/(16~30)
Product Warranty	Residential Application	Information	10 Years Parts
	*Requires registration-some restrictions apply	Information	1 Year Labor
		Information	Up to 1 Year Unit Replacement

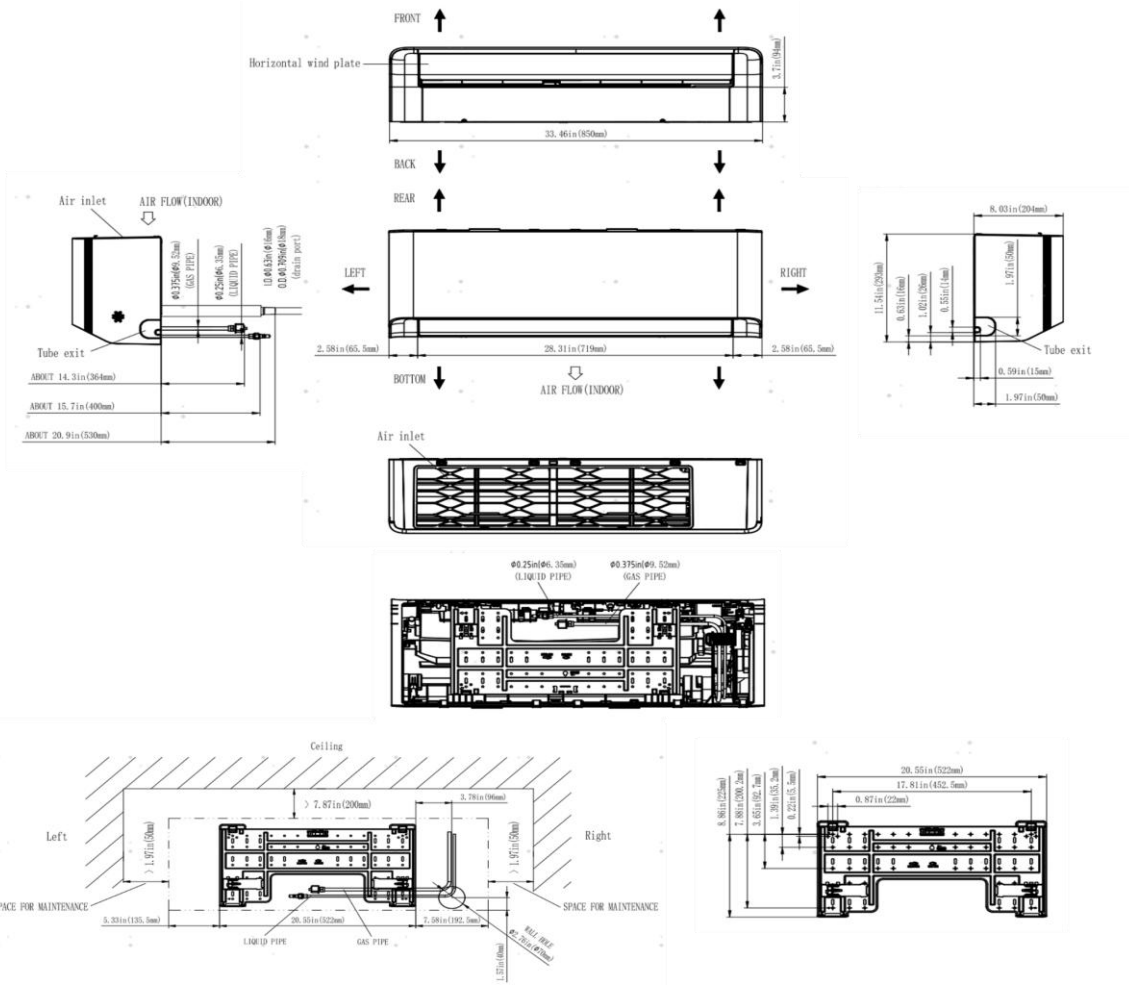
**Certifications:**



# Dimensions: Indoor Unit

**Hisense**

Unit: inch (mm)

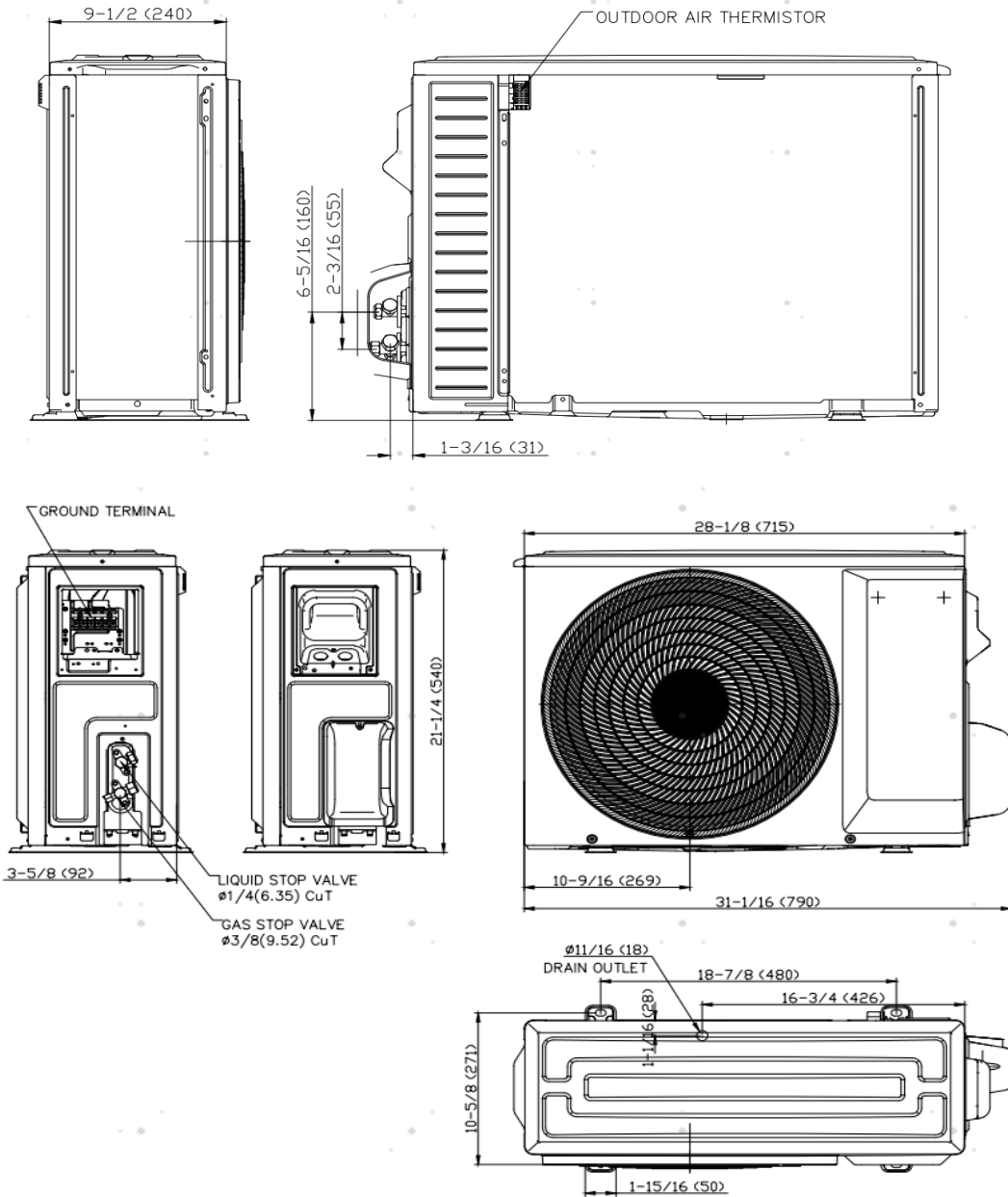


Note: Liquid Pipe Size and Gas Pipe Size are subject to the Specifications  
Specifications are subject to change without notice

Dimensions: Outdoor Unit

Hisense

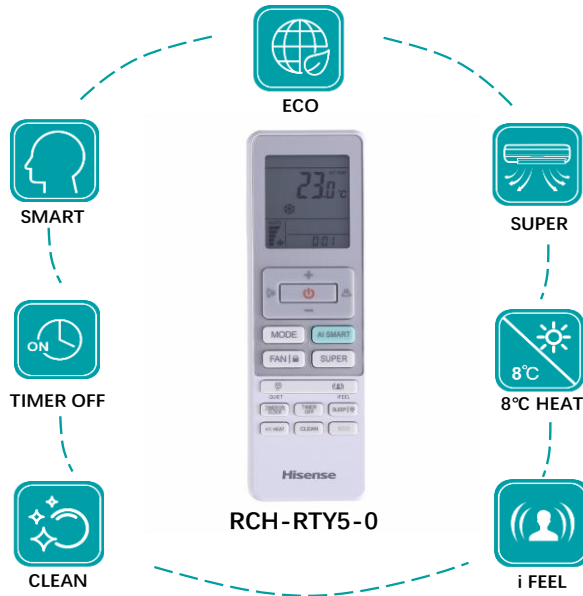
Unit: inch (mm)




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## WIRELESS REMOTE CONTROLLER


Hisense





### Button Description


- 


**MODE**  
Press this button to select the operation mode
- 


**TEMP +/-**  
Used to adjust the set temperature and the timer, also real time
- 


**SWING**  
Used to adjust vertical adjustment louver swinging and set the desired up/down airflow direction
- 

**SWING**  
Used to adjust the swing of the horizontal louver and set the left/right airflow direction
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**SUPER**  
Used to start or stop the fast cooling/heating (Fast cooling operates at high fan speed with 60°F (16°C) set temp automatically. Fast heating operates at auto fan speed with 80°F (30°C) set temp automatically)
- 

**FAN/LOCK**  
Used to select fan speed in sequence: auto, higher, high, medium, low, lower. Press this button for 5 seconds to activate LOCK mode; press it again for 5 seconds to deactivate the mode.
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**i FEEL**  
Used to set or cancel I FEEL Mode. In I FEEL mode the Air Conditioner operates basis temperature sensor fitted in remote instead of machine. Advice to use I FEEL mode end the remote put where the indoor unit receives signal easily
- 

**CLEAN**  
Used to set the Clean operation
- 

**SMART**  
Used to start Smart Running Mode. Smart Mode automatically selects the appropriate operating mode—Cooling, Dry, Fan Only, or Heating

## OPTIONAL WIRING CONTROLLER

# Hisense

### OPTIONAL WIRING CONTROLLER



Large **LCD Display** for EZ read and control



24h Real Timer and **Weekly Timer** setting



Eliminate the feeling of being cold  
Reduce power consumption

HS-WC01U  
HS-WC02U



- ❖ **Signal receiver** of Remote Control – **only HS-WC01U**
- ❖ **Central Controller** for Max. 16 units - **only HS-WC01T**

### Button Description

- 1. ON/OFF BUTTON**  
The appliance will be started or stopped when this button is pressed
- 2. RUN INDICATOR**  
Indicates that the appliance is on.
- 3. MODE BUTTON**  
Press this button to select the operation mode.
- 4. FAN BUTTON**  
Used to select fan speed in sequence high-auto-low-medium-high.
- 5. SWING BUTTON**  
Used to stop or start adjustment louver swinging and set the desired airflow direction
- 6. TIMER/CLOCK BUTTON**  
Used to set the current time or set timer on/off.
- 7. SLEEP BUTTON**  
Used to set or cancel Sleep Mode operation.
- 8. ENTER BUTTON**  
Used to confirm settings.
- 9. CANCEL BUTTON**  
Used to cancel settings.
- 10. ADD. FUNC. BUTTON**  
Used to set filter clean, hot water, fresh air, electric heater, etc.
- 11. INCREASE SETTING BUTTON**  
Used to raise the set temperature;  
It raise the values when setting.
- 12. DECREASE SETTING BUTTON**  
Used to lower the set temperature;  
It lower the values when setting.
- 13. LIQUID CRYSTAL DISPLAY(LCD) SCREEN**  
Used to display indicator screens.
- 14. BUILT-IN INFRARED SIGNAL RECEIVER**  
Used to receive infrared signal.