

Hisense Hi EDGE Heat Pump SEER2 20.00 and HSPF2 9.00






Submittal Data:

**AO-12U3R26E2 Heat Pump and AS-12U3RHB25E Wall-Mounted IDU
12,000 BTU/H Cooling Capacity and 12,000 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:

<div style="text-align: center;">  <p>AS-12U3RHB25E</p> </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="text-align: center;">  <p>RCH-RTY5-0</p> </div> <div style="text-align: center;">  <p>AO-12U3R26E2</p> </div> </div>	<p>OUTDOOR UNIT</p> <p>Efficiency and comfort: Up to 20 SEER2 / 10 EER2 / 9 HSPF2</p> <p>Low Ambient Performance: Confirmed continuous operation as low as -4°F (-20°C) ambient temperature.</p> <p>R32 EPA Low-GWP Refrigerant</p> <p>Base Pan Electric Heater installed for stable operation in extreme conditions.</p> <p>BLUE Fin Anti-Corrosion Heat Exchanger and Insect-Proof electronics box design for long-lasting reliability.</p> <p>Outdoor Intelligent defrosting tech improves system efficiency and reliable operation.</p> <p>INDOOR UNIT</p> <p>Quick and easy installation with mounting bracket and detachable IDU base plate.</p> <p>Integrated Wi-Fi plus the Connectlife smart app with Alexa and Google Assistant control put easy operation right at your fingertips.</p> <p>Build in A2L Safety Sensor - Ensures safety for both homeowners and technicians.</p> <p>Blue Fin Anti-Corrosion Heat Exchanger, Max 1,000-hour salt-spray tested for extended life and increase performance.</p> <p>4-Way Air Flow for optimized comfort.</p> <p>Easily accessible and washable High Definition Filter for improved air quality and maintenance.</p> <p>Self-cleaning indoor with Hisense FrostClean™ technology to reduces dust and bacteria for a healthier home</p> <p>Whisper-Quiet Operation with noise level as low as 28dB.</p> <p>"I Feel" Mode to control the temperature user location/remote vs indoor unit.</p> <p>Display Dimmer turns off the both displays to eliminate lighting at night</p> <p>Child-Safe Finger Guards to protect small hands from indoor fan.</p> <p>Contact your local Hisense Partner for complete list of accessories</p>
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Cooling at 95°F (35°C)	Maximum Capacity	Btu/h	12,600
	Rated Capacity	Btu/h	12,000
	Minimum Capacity	Btu/h	4,000
	Maximum Power Input	W	1300
	Rated Power Input	W	1150
	Moisture Removeval	Pints/h ~ L/h	2.1~1.2
	Sensible Heat Factor	multiplier	0.78
	Power Factor (208V / 230V)	%	95%
Heating at 47°F (8.3°C)	Maximum Capacity	Btu/h	13,000
	Rated Capacity	Btu/h	12,000
	Maximum Power Input	W	1300
	Rated Power Input	W	1000
Power Factor (208V / 230V)	%	96%	
Heating at 17°F (-8.3°C)	Maximum Capacity	Btu/h	9,550
	Rated Capacity	Btu/h	9,000
	Maximum Power Input	W	1300
	Rated Power Input	W	1150

Submittal Data Continued: AO-12U3R26E2 Heat Pump and AS-12U3RHB25E Wall Mount IDU

Heating at 5°F (-15°C)	Maximum Capacity	Btu/h	7,500
	Maximum Power Input	W	1100
Heating at -4°F (-20°C)	Maximum Capacity	Btu/h	6,000
	Maximum Capacity	Btu/h	N/A
Efficiency	SEER2	Information	20
	EER2	Information	10
	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	2.15
	COP at 5°F ~ (-15°C) Maximum Capacity	Information	2.00
	COP at -13°F ~ (-25°C) Maximum Capacity	Information	N/A
	ENERGY STAR™	Information	NO
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	670/530/450/430/400-394/312/265/253/235
	Cooling speed(Super/High/Mid/Low)	r/min	1250/1100/920/800
	Heating speed(Super/High/Mid/Low)	r/min	1250/1100/850/750
	Sound Pressure Levels Cooling (U-H-M-L-S)	(±1 dB[A]) ³	46/40/32.5/30/28
	Sound Pressure Levels Heating (U-H-M-L-S)	(±1 dB[A]) ³	46/40/32.5/30/28
	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]) ³	60
Base Pan Heater	Feature	Included Standard Option	
NET ODU Weight	Lbs. ~ kg	52.9 ~ 24	
Outdoor Unit (Cont.)	Compressor Type and Control	Type	Rotary~INVERTER
	Compressor Oil [Type ~ Charge]	PVE ~ oz. / mL	ESTER OIL VG74~10.15/300
	Rated Current Load [Cooling - Heating]	A	5.2 - 4.8
Refrigerant Piping and Volume	Refrigerant Type (GWP)	Type	R32 (675 GWP)
	Refrigerant Charge in System	oz. / g	21.8/620
	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

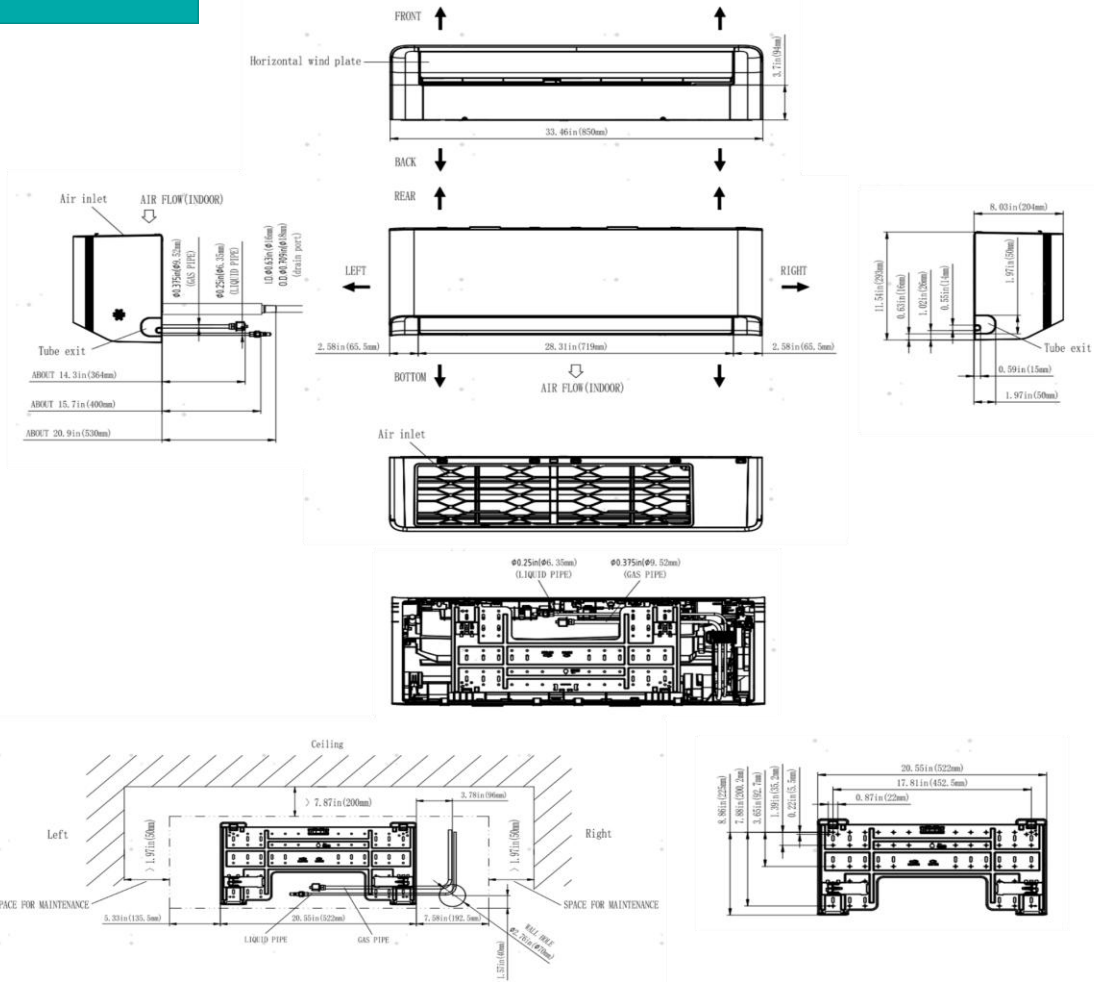
Certifications:



Dimensions: Indoor Unit

Hisense

Unit: inch (mm)

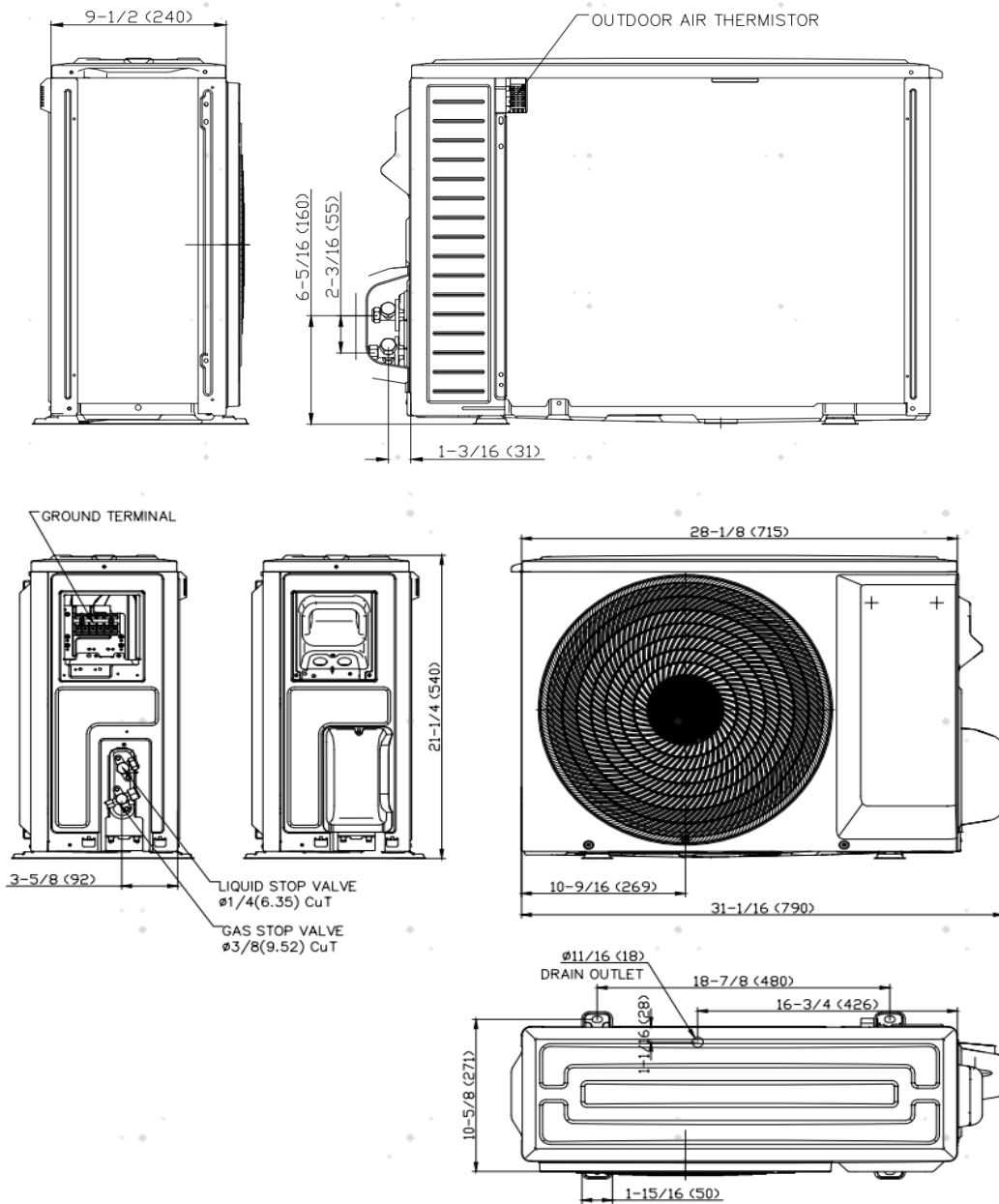


Note: Liquid Pipe Size and Gas Pipe Size are subject to the Specifications
 Specifications are subject to change without notice

Dimensions: Outdoor Unit

Hisense

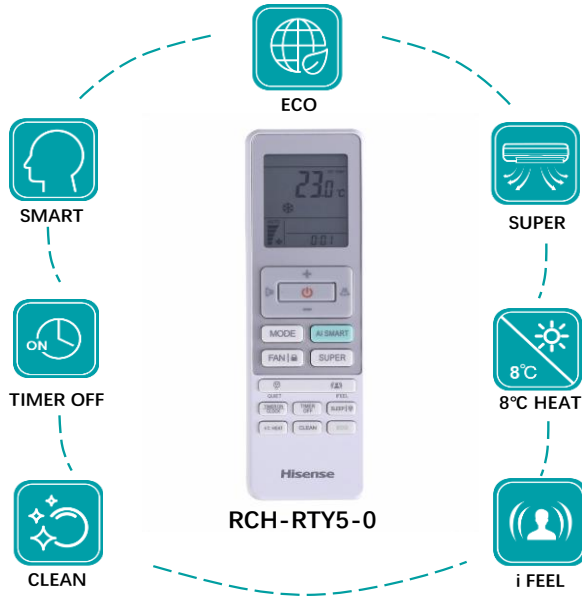
Unit: inch (mm)












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WIRELESS REMOTE CONTROLLER

Hisense



Button Description

-  Press this button to select the operation mode
MODE
-  Used to adjust the set temperature and the timer, also real time
TEMP++
-  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
SWING
-  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)
SUPER
-  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.
FAN/LOCK
-  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
i FEEL
-  Used to set the Clean operation
CLEAN
-  Used to start Smart Running Mode. Smart Mode automatically selects the appropriate operating mode—Cooling, Dry, Fan Only, or Heating
SMART

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.