

# Multi-Head Split Feel the Cool Breeze



**Hisense**

# Bring you a better environment

Multi-Head split is ideal solution when an individual indoor unit is required in each room, the system allows one outdoor unit to be connected up to a wide variety of 2,3,4,5 indoor units, including wall-mounted, low static bulkhead duct.



## LINE UP - OUTDOOR UNIT

Max connected indoor units	5kw	7kw	8kw	10.5kw	12.5kw
2 IDU					
3 IDU					
4 IDU					
5 IDU					

## LINE UP - INDOOR UNIT

Indoor unit	2kw	2.5kw	3.5kw	5kw	7kw
High wall J series					
Low static bulkhead unit					



## ★ TOP FEATURES

### Reliability

- Low Voltage(176V)
- Anti-corrosive Golden Fin
- Chassis & Bolt anti-corrosion
- PCB With Insect Prevention
- Refrigerant Leakage Detection
- Intelligent Defrost

### Easy Installation & Maintenance

- 1 Pa Adjustment
- RJ45 plug for DRED PCB
- Service Window
- Hi-Checker
- Pump Down
- Indoor unit show outdoor error code

### Comfort

- Fast Cooling
- 4D Auto-swing
- I Feel

### Design

- Float Switch
- Narrow Depth & Slim Height
- Inner High Lift Pump
- Easy Installation

### Energy Saving

- Full DC Inverter
- Smart Energy Management
- ECO Mode




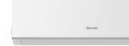

### Convenience

- Service Window-cooling Lock
- Multiple Control Solution
- Easy Storage

### Intelligence

- WiFi Control
- ConnectLife App

# High Wall Indoor

Indoor unit	2kw	2.5kw	3.5kw	5kw	7kw
High wall J series					



## ★ TOP FEATURES



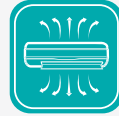
R32 Refrigerant



WiFi ConnectLife App Control



Smart Home Voice Control



4D Auto-Swing



Fast Cooling



Long distance Airflow



Energy Saving Mode



Super Quiet



I Feel Mode



Dimmer



Silver Ion Filter



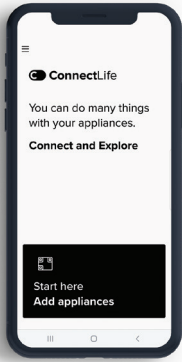
24 Hours Timer



Wireless Remote Controller  
R2-01 comes with the unit

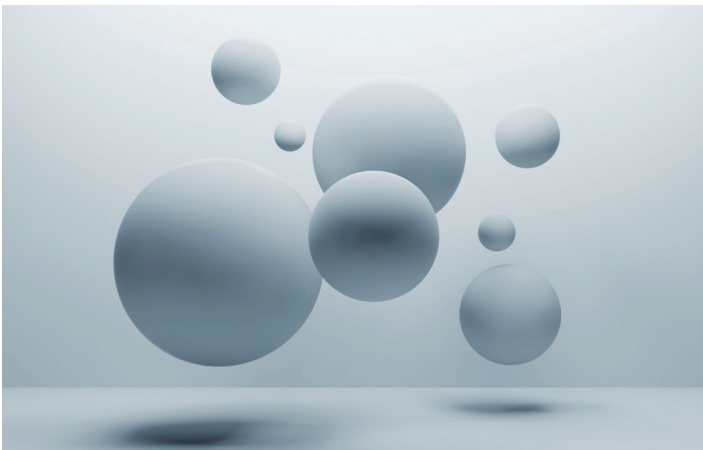


Wired controller  
YXE-C01U1(E) - Optional



## WIRELESS CONNECTIVITY FOR COOL CONVENIENCE

With Wi-Fi connectivity you can control the air conditioner through the Hisense ConnectLife app. This allows you to view menus, select modes, and set temperatures from anywhere.



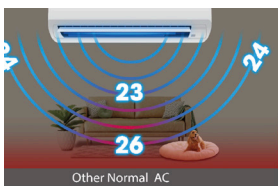
## SILVER ION FILTER - CLEAN, SAFE AIR

Every Hisense Air Conditioning unit features a Silver Ion Filter, which is an antibacterial device that helps to keep the air free from bacteria and impurities. The filter prevents the build up of mould and is 99.99% effective in preventing E. coli, and 97.14% effective at preventing S. aureus, which is more commonly known as Staph.



## QUIET MODE - PEACE, COMFORT AND QUIET

Quiet Mode allows the unit to operate silently without compromising on power output or effectiveness. The silent motor achieves superb airflow distribution while creating a cool, quiet and comfortable environment.



## I FEEL - INTELLIGENCE

By pressing the "I Feel" button to achieve intelligent temperature control and best room conditions. The temperature you feel is the temperature you want.



## COMFORT - FAST COOLING

Through QSD rapid inverter startup technology, compressor can reach the highest frequency in a short time and achieve fast cooling.

# Bulkhead Indoor

Indoor unit	2kw	2.5kw	3.5kw	5kw	7kw
Low static bulkhead unit					

## ★ TOP FEATURES



R32 Refrigerant



Smart Home Voice Control



WiFi ConnectLife App Control



Narrow Depth Design



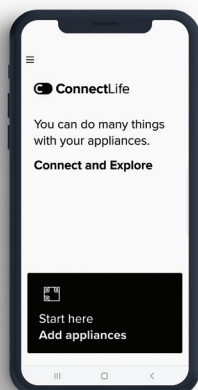
Slim Height



Wireless Remote Controller  
R2-01 comes with the unit



Wired controller  
YXE-C01U1(E) - Optional

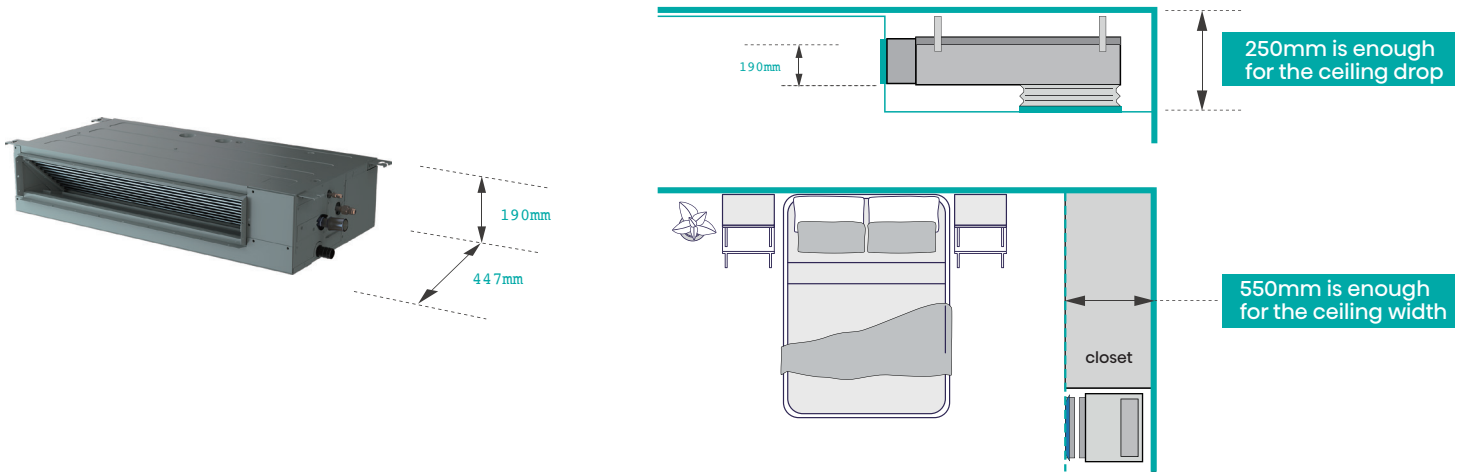


## WIRELESS CONNECTIVITY FOR COOL CONVENIENCE

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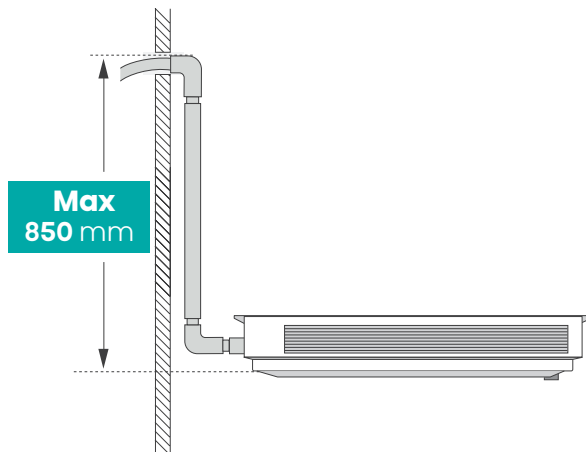
## NARROW DEPTH & SLIM HEIGHT

Designed for narrow ceiling space, The duct unit is only with 447mm in depth, 190mm in height, which provides great flexibility and freedom for installation.

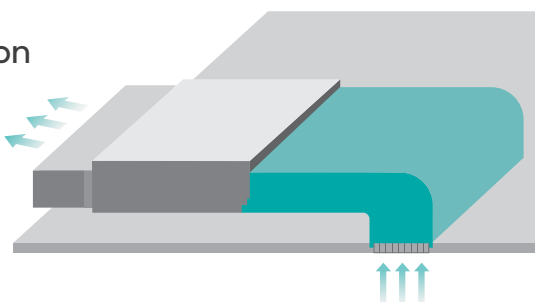


## INNER HIGH LIFT PUMP

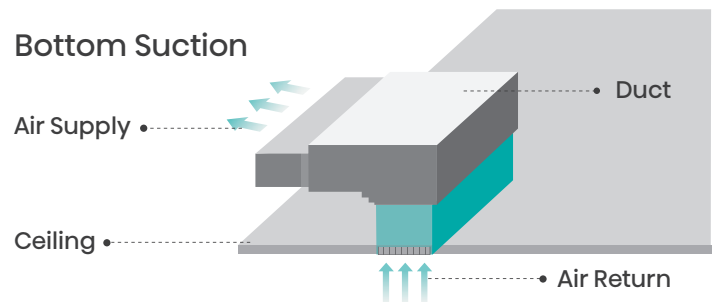
The maximum lift of Hisense high lift pump components can be as high as 850mm. In order to ensure smooth drainage in long-term operation, the recommended drainage height is  $\leq 800$ mm.







Rear Suction



Bottom Suction



# Outdoor

		Capacity [KW]	Model Number	Min and Max Indoor connection	Piping Limitation [m]
<b>2</b> Indoor Connection 	Cooling	5	AMW2-52U4RJC	Min 2 ID Max 2 ID	Max Length(Each)-20 Max Length (Total)-30 Max Height -15
	Heating	6			
<b>3</b> Indoor Connection 	Cooling	7	AMW3-71U4RJC	Min 2 ID Max 3 ID	Max Length(Each)-25 Max Length (Total)-50 Max Height-15
	Heating	8			
<b>4</b> Indoor Connection 	Cooling	8	AMW4-80U4RJC	Min 2 ID Max 4 ID	Max Length(Each)-25 Max Length (Total)-60 Max Height-15
	Heating	9			
<b>4</b> Indoor Connection 	Cooling	10	AMW4-100U4RAA	Min 2 ID Max 4 ID	Max Length(Each)-25 Max Length (Total)-60 Max Height-15
	Heating	11			
<b>5</b> Indoor Connection 	Cooling	12.5	AMW5-125U4RTA	Min 2 ID Max 5 ID	Max Length(Each)-25 Max Length (Total)-80 Max Height-15
	Heating	13.5			

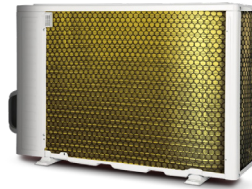




## ANTI-CORROSIVE GOLDEN FIN

The unique anti-corrosive golden fin can withstand the salty air, rain and other corrosive elements. According to the salt spray test, the level of corrosion protection is significantly 3-4 times better than normal fin. It also has better hydrophilic, higher heat exchanging efficiency and more attractive than normal fin.

1500hour of Anti-Salt Spray



High heating efficiency  
High Fashion  
Anti-corrosion

## INTELLIGENT DEFROST

When there is frost on the outdoor unit in winter, the sensor will check the temperature difference between the ambient and the heat exchanger. When the differences get bigger, normally 8-degree differences and with 2 minutes, the product comes into defrost mode, the four-way valve will change to cooling mode, while the indoor fan will enter anti-cold flow mode, the compressor will operate at high frequency for around 6-12 minutes. When the coil sensor goes up, it will quit the defrost mode and enter heating mode.



## PCB WITH INSECT PREVENTION

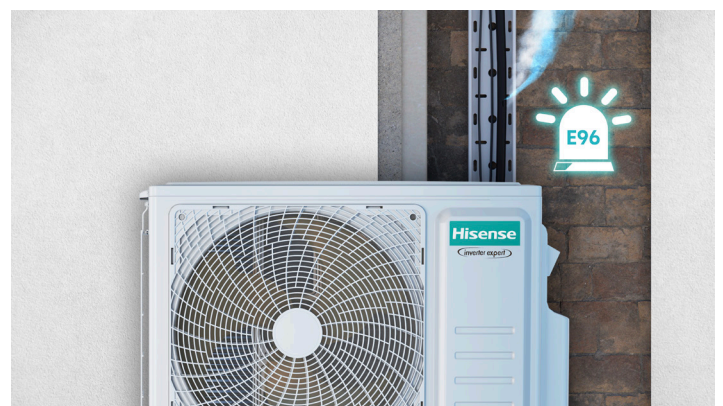
The structure of the PCB prevents insects from entering.



## RELIABILITY

### - REFRIGERANT LEAKAGE DETECTION

The outdoor unit will send an error code to the indoor unit when the refrigerant leakage ratio reaches 20%. The error code will be displayed on the indoor screen for high wall units or on the wired controller for duct units. The control system will stop running to ensure safe operation of the air conditioner.



# Easy Maintenance and Installation

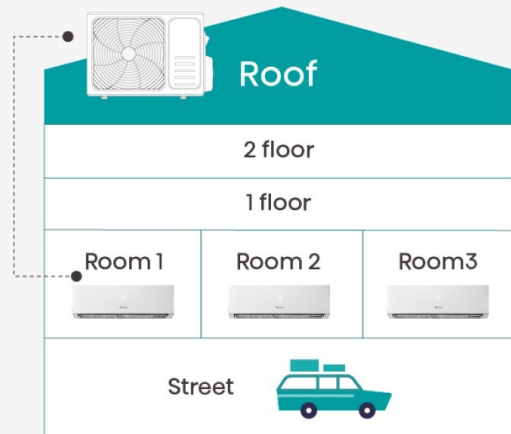
## HI-CHECKER

The AC can connect to Hi-Checker to monitor the product parameters, including discharge temperature, indoor coil temperature, outdoor coil temperature, etc.



## INDOOR UNIT SHOW OUTDOOR ERROR CODE

All the outdoor unit detailed error code can be displayed on the indoor unit screen or wired controller, this function fasts the service speed for the dealer.



Based on right code, dealer can take right parts to the site and do the fast service.



## PUMP DOWN

Refrigerant easy recovering with only ONE-KEY

# Controllers



REMOTE CONTROLLER R2-01

## Features

- 24 Hours Timer
- Fan Speed Selection Super Mode
- Eco Mode
- Smart Mode
- Quiet Mode
- 4D Swing
- Dimmer Function

WIRED CONTROLLER YXE-C01U1(E)

## Features

- Weekly Timer
- 5 Modes selections
- Error Code display
- Filter Cleaning Reminder
- Dimmer








Dimensions: 120mm x 120mm





Backlit LCD wired controller with ideal large size and easy to read.








# INDOOR HIGH WALL UNIT Specifications

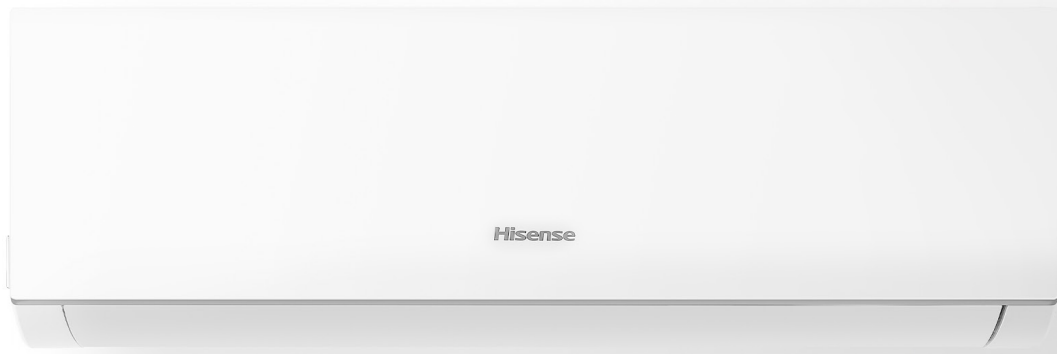
Model		HAWJ7KR-I*	HAWJ9KR-I*	HAWJ12KR-I*	HAWJ18KR-I*	HAWJ24KR-I*
Indoor unit						
Cooling capacity	KW	2.1	2.6	3.5	5	7
Heating capacity	KW	2.5	3	3.9	5.4	7.5
Power Supply	V/Hz/f	220~240/50&60/1	220~240/50&60/1	220~240/50&60/1	220~240/50&60/1	220~240/50&60/1
Power input (Indoor Unit Only)	W	22	22	24	45	52
Rated current (Indoor Unit Only)	A	0.3	0.3	0.3	0.4	0.5
Air flow	m3/h	172	172	172	264	333
Noise Level (Sound Power)	dB(A)	59	59	59	62	65
Noise Level (Sound Pressure)	dB(A) (Max/Min)	39/25	39/25	41/25	44/32	48/35
Net Dimension - Indoor Unit (WxHxD)	mm	815×270×212	815×270×212	815×270×212	915×315×235	1085×315×235
Package Dimension - Indoor Unit (WxHxD)	mm	870×335×265	870×335×265	870×335×265	1000×390×315	1170×390×315
Net Weight - Indoor Unit	kg	7.7	8.5	8.5	12.5	13.5
Gross Weight - Indoor Unit	kg	9.5	11	11	14.5	16
Diameter(Liquid)	mm	Φ6.35(1/4')	Φ6.35(1/4')	Φ6.35(1/4')	Φ6.35(1/4')	Φ9.52(3/8')
Diameter(Gas)	mm	Φ9.52(3/8')	Φ9.52(3/8')	Φ9.52(3/8')	Φ12.7(1/2')	Φ15.88(5/8')
Drain	mm	Φ30	Φ30	Φ30	Φ30	Φ30

# INDOOR BULKHEAD UNIT Specifications

Model		AMD-25UX4RAL4*	AMD-35UX4RBL4*	AMD-50UX4RCL4*	AMD-71UX4RCL4*
Indoor unit					
Cooling capacity	KW	2.5	3.6	5.3	7.2
Heating capacity	KW	3	3.8	5.8	7.9
Power Supply	V/Hz/f	220-240/50&60/1~	220-240/50&60/1~	220-240/50&60/1~	220-240/50&60/1~
Power input (Indoor Unit Only)	W	40	25	32	40
Rated current (Indoor Unit Only)	A	0.6	0.1	0.5	0.6
Air flow	m <sup>3</sup> /h	140/122/108	166/134/111	250/214/180	278/194/136
External static pressure	Pa	0~30	0~50	0~50	0~40
Noise Level (Sound Power)	dB(A)	49	50	57	58
Noise Level H/M/L (Sound Pressure)	dB(A)	35/33/31	36/33/30	41/37/33	39/35/32
Net Dimension (WxHxD)	mm	700×447×190	910×190×447	1180×190×447	1180×190×447
Package Dimension - Indoor Unit (WxHxD)	mm	870X565X285	1080×285×565	1350×285×565	1350×285×565
Net Weight	kg	15	18	22.5	22.5
Gross Weight	kg	18	21.5	26	26
Diameter(Liquid)	mm(inch)	Φ6.35(1/4')	Φ6.35(1/4')	Φ6.35(1/4'')	Φ9.52(3/8')
Diameter(Gas)	mm(inch)	Φ9.52(3/8')	Φ9.52(3/8')	Φ12.7(1/2')	Φ15.88(5/8')
Drain	mm	Φ32	Φ32	Φ32	Φ32

# OUTDOOR UNIT Specifications

Model				AMW2-52U4JC*	AMW3-71U4JC*	AMW4-80U4JC*	AMW4-100U4RAA*	AMW5-125U4RTA*
Max connected indoor unit				up to 2 indoor units	up to 3 indoor units	up to 4 indoor units	up to 4 indoor units	up to 5 indoor units
outdoor unit								
Cooling	Capacity	Nominal	KW	5	7.1	8	10	12.5
		min~max	KW	2.1-5.7	2-10	2-10.5	3.0~11	3.8~15.3
	Input	Nominal	KW	1.26	1.92	2.23	3.15	3.61
	Current	Nominal	A	5.6	8.7	9.7	13.7	15.6
	EER/AEER	Nominal	W/W	3.96/3.90	3.65/3.57	3.59/3.52	3.17/3.12	3.46/3.22
Heating	Capacity	Nominal	KW	6	8	9	11	13.5
		min~max	KW	1.5~6.6	2-10	2-11	2.2~12	3.3~17.2
	Input	Nominal	KW	1.65	2.06	2.35	2.95	3.7
	Current	Nominal	A	7.3	9.3	10.1	12.8	16.5
	COP/ACOP	Nominal	W/W	3.63/3.55	3.88/3.81	3.83/3.76	3.73/3.66	3.64/3.52
Noise Level		Sound Power	dB(A)	63	65	68	68	75
Operating Range		Cooling	°C	-15~48	-15~48	-15~48	-15~48	-15~48
		Heating	°C	-15~24	-15~24	-15~24	-15~24	-15~24
Net Dimension (WxHxD)			mm	860×670×310	860×670×310	860×670×310	950×840×340	950×1050×340
Net Weight			kg	43	45	48	60	90
Package Dimension (WxHxD)			mm	990×730×450	990×730×450	990×730×450	1110×920×460	1110×1200×460
Gross Weight			kg	47	49	52	65	102
Piping connections		Diameter(Liquid)	mm(inch)	6.35(1/4)×2	6.35(1/4)×3	6.35(1/4)×4	6.35(1/4)×4	6.35(1/4)×5
		Diameter(Gas)	mm(inch)	9.52(3/8)×2	9.52(3/8)×3	9.52(3/8)×4	9.52(3/8)×4	9.52(3/8)×5
		Max Length(Each)	m	20	25	25	25	25
		Max Length (Total)	m	30	50	60	60	80
		Max Height	m	15	15	15	15	15
Refrigerant		Type	-	R32	R32	R32	R32	R32
		GWP	-	675	675	675	675	675
		Pre-charged	g	1350	1460	1750	1700	3000
		Pre-charged pipe length(Total)	m	15	20	30	30	35
		additional refrigerant	g/m	12g/m over 15m	12g/m over 15m	12g/m over 15m	12g/m over 20m	12g/m over 25m



# Hisense

## Air Conditioning Systems

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