



# R410A COOLING ONLY MONO SPLIT INVERTER

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# OUTDOOR



## High Efficiency

### Inverter

Inverters operate without repeated On/Off operation

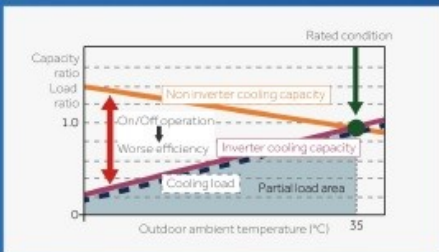


• Continuous driving without stopping and starting is more fuel efficient.



• Constantly stopping and starting consumes energy and is less fuel efficient.

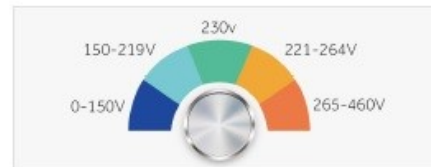
Inverter air conditioner can adjust its cooling capacity according to the cooling load. This is less power consumption. In response to fluctuating cooling load, Non inverter air conditioners repeatedly perform ON (full-power)/OFF (zero-power) operation. Inverter air conditioners, however, operate at optimal cooling capacity according to the cooling load. Since inverter air conditioners provide required minimum cooling capacity with minimum electrical power, total power consumption can be reduced during cooling period.



## Reliable

### Wide Voltage Voltage Operation

One phase: 150v-264v Three phase: 300v-460v



### Stable and Reliable

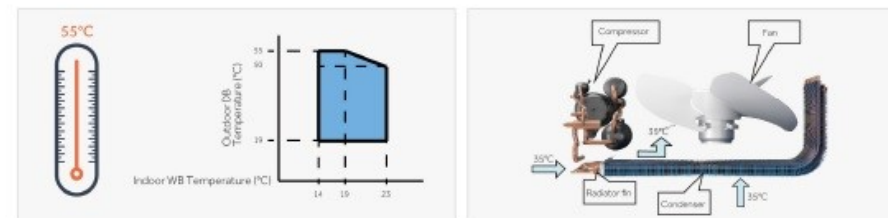
- PCB computer protection coating, insect-proof, waterproof, suitable for southeast Asia.
- The flat Corrugated heat exchanger of outdoor unit can effectively relieve heat exchanging capacity reducing and fault caused by the dirty condenser and extend the unit life.
- The unit adopts anti-rat design, which effectively prevents rats from entering and ensures the reliable operation.

### Running in High Temperature 55°C

Running in High temperature 55°C

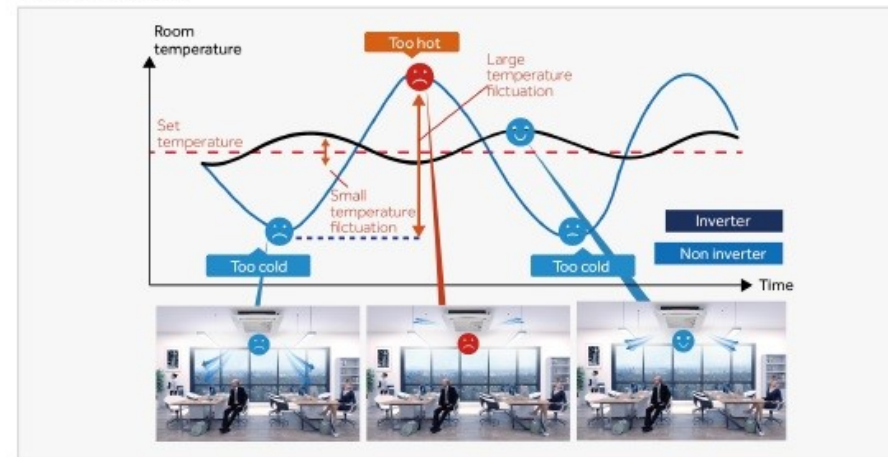
The compressor drive module uses haier patented cooling technology

Under the circumstance of high ambient temperature, the cooling capacity of the machine does not decline.



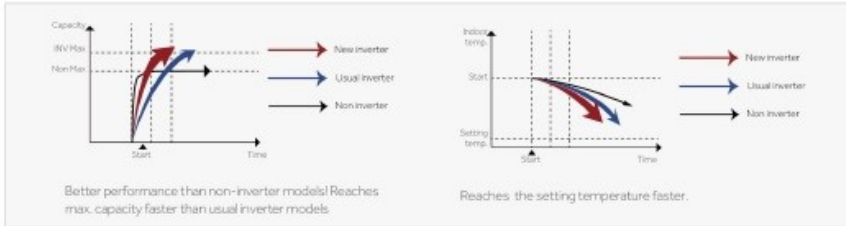
## Comfortable

### More Comfort



## Comfortable

### Quick Cooling



Inverter control responds to load changes and causes minor temperature adjustments. On-inverter control frequently turns ON and OFF in response to load fluctuations or load mismatch and causes large temperature swings.

## Easy Installation

### Longer Pipe Length 60m

High Height Drop 50m which is flexible for long piping requirements.



### Outdoor Unit Side Discharge & Less Footprint

Outdoor unit side discharge design provide so less footprint, only 0.35m<sup>2</sup> (5.5/8.5), 0.42m<sup>2</sup> (11 ton), very easy to hang outside the wall, also less cost on the outdoor unit stands in low side.



### Flared Connection

For the indoor outdoor connection, we takes flared connection, not welding connection, which is easier and quicker than traditional duct installation.

### Software Connected Port

It is convenient that installer can connect the software to PCB port to check all running data (the same as current super match monitor software).



# SLIM DUCT

## Healthy

### Self-clean

Freezes the evaporator with moisture in the air, and removes away dirt in melting, ensuring healthy air that comes out of air conditioners.



### Antibacterial Filter

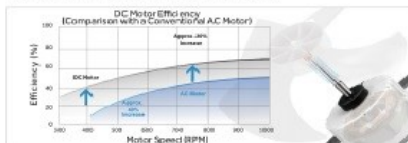
Silver (Ag) is a natural antibacterial material, which has good broad-spectrum antibacterial properties and could motivate bacterial extinction. Haier antibacterial filter has added silver ions and antibacterial organics to kill escherichia coli & staphylococcus aureus effectively, with long lasting effects.



## Energy Saving

### DC Fan Motor

Comparing with conventional AC fan motor, and DC fan motor is more efficiency. Motor power input reduced 50% than that with the same power output.



## Intelligent Choice

### WiFi Control (Optional)

Besides normal wired/infrared control, Haier supplies Smart Control from Haier Smart APP, including the on/off, operation mode's selection, fan speed temperature, and air flow adjustment, schedule.



## Comfortable

### Branch Outlet

The fan and airflow path of slim low pressure duct unit are designed for silent, brings 52dB(A) sound power level, compared with 53dB(A) competitors, we already reach top sound level.



### 3D Airflow Grille

Air inlet and outlet grille can improve the decoration greatly. Furthermore, the 3D air outlet grille can send the warm air to the ground in winter to avoid the "cold feet" feeling in winter.



## Convenience

### Super Thin Design

The height of slim low pressure duct unit is 185mm only, which is advanced in the industry and make the silmest ceiling drop.



### Adjusted ESP by Wired Controller

We takes DC fan motor design, ESP can be adjusted by wired controller YR-E17A, so installer don't need to climb the ladders to adjust ESP; There are 4 steps ESP can be adjusted by wired controller, represent for: 0/10/20/40 Pa.



Note: If the installer use wireless controller for duct unit, they need to change the pressure level by PCB dip switch.

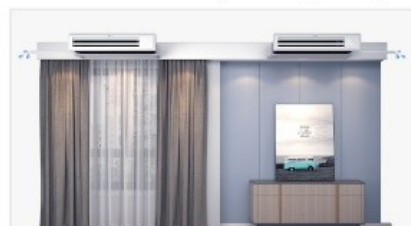
### Built in Drain Pump

We have two models as option, one is with drain pump, the other one is with no drain pump, it is easy for the designer to design the product location.



### Left or Right Drain Outlet

Drain direction can be left or right according to the layout.



Model	Outdoor unit		1U24JC2QRA
	Indoor unit		AD24S2SS2FA
Nominal performance data	Max Capacity	Btu/h	23543
		W	6900
	Rated power input	W	2600
	ISEER		3.72
<b>Indoor Unit</b>			
Electrical Parameters	Power supply	Ph/V/Hz	1/230/50
Performance	Air flow (H/M/L/SL)	m <sup>3</sup> /h	950/800/700/600
	External static pressure	Pa	0/10/20/30
	Sound pressure level (H/M/L)	dB(A)	49/46/44/41
Installation	External dimensions (W/D/H)	mm	1170/420/185
	Shipping dimensions (W/D/H)	mm	1365/530/260
	Net/Shipping weight	Kg	23.7/27.1
	Controller	---	HW-BA216ABK
<b>Outdoor Unit</b>			
Electrical Parameters	Power supply	Ph/V/Hz	1/230/50
Performance	Air flow (m <sup>3</sup> /h)	m <sup>3</sup> /h	3000
	Sound pressure level	dB(A)	56
Installation	External dimensions (W/D/H)	mm	820/300/614
	Shipping dimensions (W/D/H)	mm	1031/445/745
	Net/Shipping weight	kg	42/47
	Compressor type	---	Rotary
	Refrigerant type	---	R410a
	Refrigerant liquid pipe	mm	9.52
	Refrigerant gas pipe	mm	15.88
	Max pipe length	m	30
	Max drop between IDU & ODU	m	10
	Working temp.	Cooling (Min-Max)	°C