



HITACHI  
Air conditioning solutions

air

## Johnson Controls - Hitachi Air Conditioning

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# PRIMARY

## LARGE SINGLE SPLIT FIXED SPEED SERIES | COOLING ONLY



Cooling & Heating

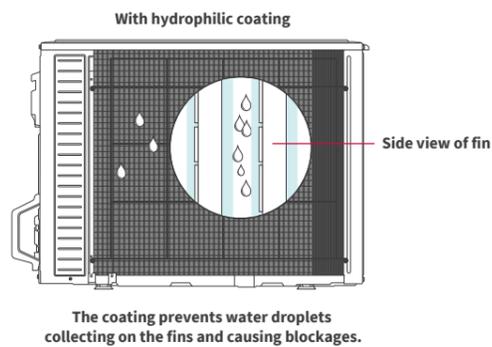
# PRODUCT FEATURES

## GENERAL FEATURES

### Hydrophilic Aluminum Fin

A hydrophilic aluminum fin enhances heat exchanging performance by increasing water mobility on fin surface and preventing water droplets from forming blockage between fins.

The blue coating enhances protection from corrosion resulting from environmental and microbiological factors, increasing reliability and ensuring performance.



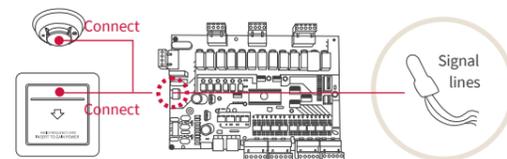
### Wide Ambient Temperature Range

High cooling performance within a wide ambient temperature range.



### Expansion Interface

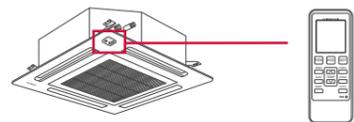
The interface enables connection to a smoke detector, key slot or other device.



## IDU FEATURES

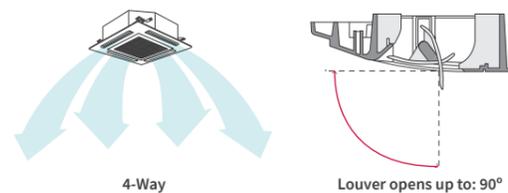
### Infrared Receiver for Remote Controller

Reserved port for Remote sensing which makes control more convenient.



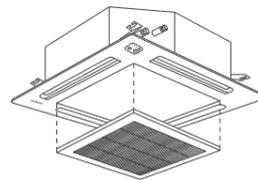
### Control air flow with individual 4-Way louvers

Louvers are adjustable for horizontal or vertical airflow. Smooth airflow can be directed towards every corner of the room - or even a particular point for better comfort.



### Washable Filter

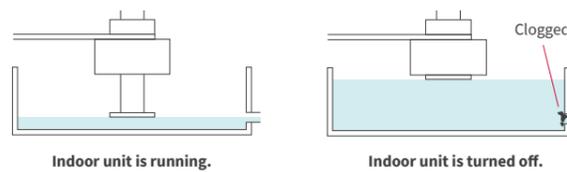
A washable filter allows for cost-saving maintenance.



### Durable Protection Drainage System

The special design of the drain pan makes condensation water flow smoothly without water leakage, and prevents rust.

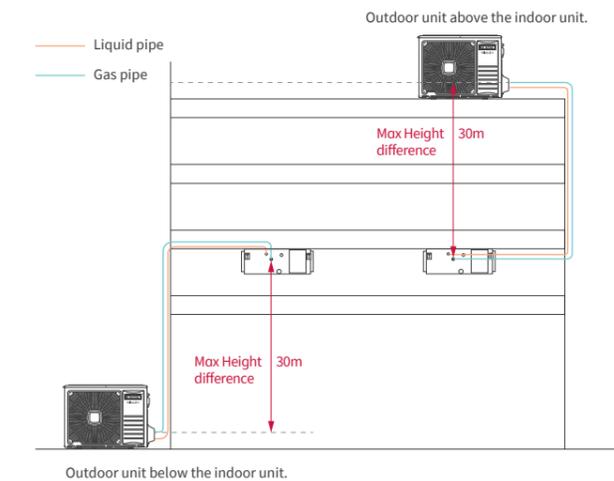
When the drain pipe is clogged and the water rises to a certain level, the water level switch will float and send the signal to turn off the unit.



## IDU FEATURES

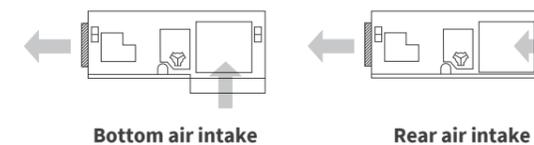
### Long piping and large height difference

Up to 50m in piping run and 30m in height can be covered, with great overall flexibility in installation.



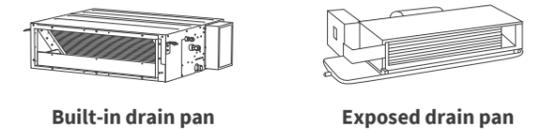
### Flexible air return from bottom or rear

Depending on the layout of your space, it may be preferable to set the unit to take in air from the back or bottom section.



### Built-in drain pan

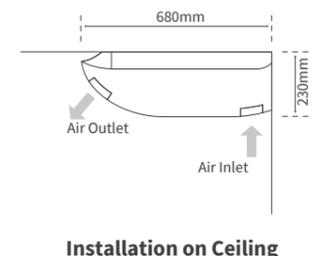
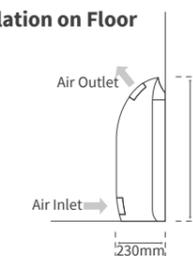
Compared with outside drain pan design, the new built-in drain pan can reduce dust adhesion, and avoid water leakage.



### Installation on Floor or Ceiling

A unit that can function equally well after floor installation or suspended ceiling installation can adapt to many different room layouts, business types or living spaces.

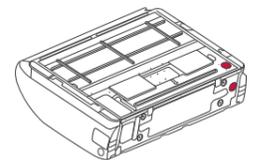
#### Installation on Floor



### Fresh air inlet

Allows fresh air intake to improve indoor ventilation and air quality.

● Fresh air inlet



## LINE UP

IDU category		1.0HP	1.5HP	2.0HP	3.0HP	4.0HP	6.0HP	6.5HP	
Cassette unit	Dimension (W×H×D)	mm	650×270×570	650×270×570	650×270×570	840×248×840	840×248×840	840×298×840	840×298×840
	Capacity	kW	3.0	3.4	4.6	6.8	10.1	12.5	15.2
		Btu/h	10,230	11,500	15,860	23,300	34,310	42,670	52,000
Ducted unit	Dimension (W×H×D)	mm	900×190×447	900×190×447	900×190×447	900×270×720	1,300×350×800	1,300×350×800	1,300×350×800
	Capacity	kW	3.0	3.3	4.7	6.8	10.3	13.1	14.7
		Btu/h	10,200	11,180	15,990	23,300	35,000	44,740	50,130
Floor Ceiling Convertible unit	Dimension (W×H×D)	mm			990×230×680	990×230×680	1,285×230×680	1,580×230×680	1,580×230×680
	Capacity	kW			4.7	6.5	9.6	12.9	14.6
		Btu/h			16,000	22,300	32,920	43,910	49,860