



HITACHI
Air conditioning solutions



Johnson Controls - Hitachi Air Conditioning

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TNESN(M)H1-L-1903

HITACHI

PRIMAIRY

**LARGE SINGLE SPLIT
INVERTER SERIES | COOLING ONLY**



Cooling & Heating

PRODUCT FEATURES

GENERAL FEATURES

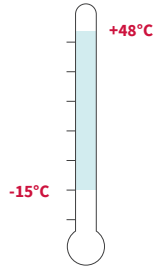
Refrigerant Leakage Detection

The indoor unit will stop operation automatically and show error code when the refrigerant charging amount is lower than 30%, which can avoid the compressor being damaged by high temperature due to refrigerant leakage. When the refrigerant charging amount is between 30%~80%, the unit will judge itself if showing an error code is necessary. This feature can also better ensure the heat transfer efficiency and the safety of the unit.

Wide Ambient Temperature Range

High cooling performance within a wide ambient temperature range.

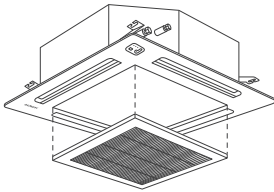
Cooling mode:



IDU FEATURES

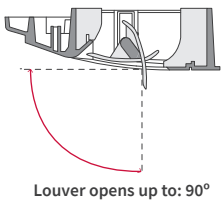
Washable Filter

A washable filter allows for cost-saving maintenance.



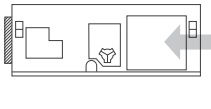
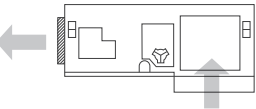
Control air flow with individual 4-Way louvers

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.



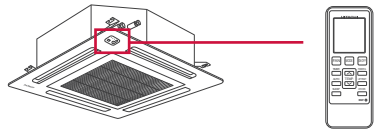
Flexible air return from bottom or rear

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.



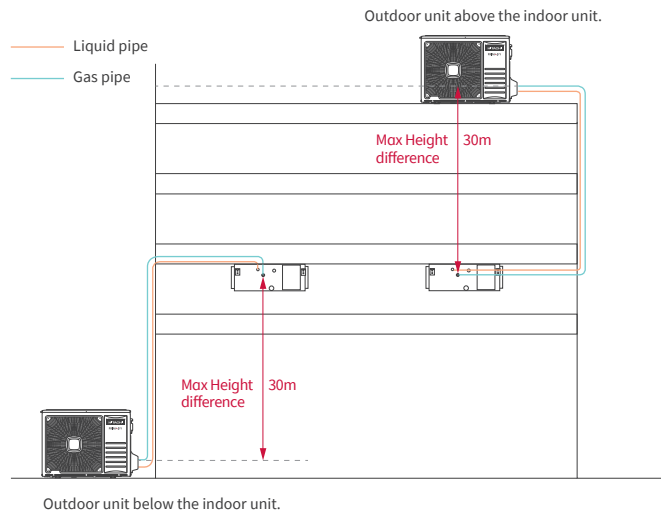
Infrared Receiver for Remote Controller

Reserved port for Remote sensing which makes control more convenient.



Long piping and large height difference

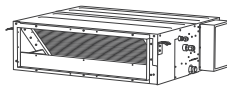
Up to 50m in piping run and 30m in height can be covered, with great overall flexibility in installation.



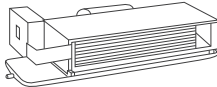
IDU FEATURES

Built-in drain pan

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



Built-in drain pan



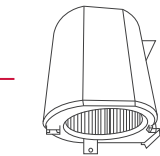
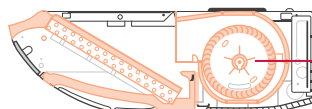
Exposed drain pan

Wide ESP range

A wide ESP range means PRIMAIRY is suitable for spaces with many discrete areas, including corners and recesses. Multiple outlets can be connected to the ducted unit to ensure a uniform gust of air around a complex space. A system can be set up in a short time and will run reliably into the future.

Plastic Fan housing

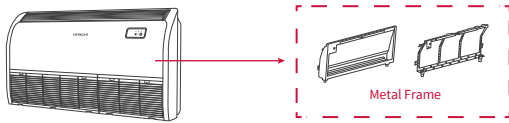
The sturdy plastic housing reduces the noise levels effectively.



Plastic Fan housing

Metal frame of drain pan

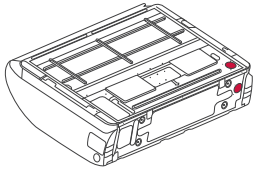
The drain pan uses an integrated design with high-strength steel and PS foam. This ensures the durability of the drain pan and improves the thermal insulation and anti-condensation properties of the unit.



Fresh air inlet

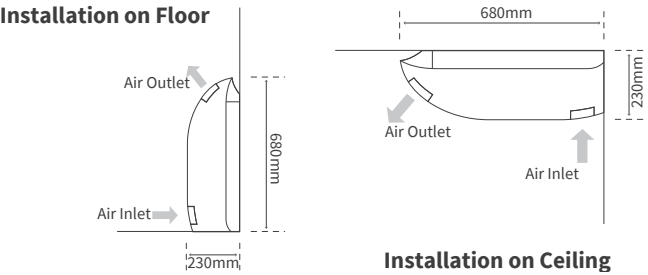
Allows fresh air intake to improve indoor ventilation and air quality.

● Fresh air inlet



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.



LINE UP

IDU category	Dimension (W×H×D)	1.0HP	1.5HP	2.0HP	3.0HP	4.0HP	5.0HP	6.0HP	6.5HP
Cassette unit	650×270×570		●	●					
	840×248×840				●	●			
	840×298×840						●	●	●
Ducted unit	900×190×447	●	●						
	1,170×190×447			●					
	900×270×720				●				
Floor Ceiling Convertible unit	1,300×350×800					●	●	●	●
	990×230×680		●	●					
	1,285×230×680					●			
	1,580×230×680						●	●	●