

8 Rooms Multi



ALL DC

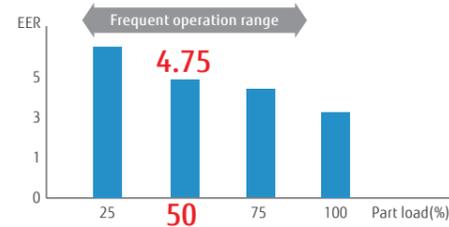
Compact outdoor unit

The compact design outdoor unit allows to be installed below a window and in a narrow space.



High seasonal efficiency

The actual performance is conducted under various outside temperatures depending on weather and seasons, furthermore, especially for multi system, not all the rooms are operated all the time. So over 90% of actual operation time, air conditioners are operated at partial capacity instead of rated capacity. Considering these, we focused on energy-saving performance which is based on actual use. Efficiency of part load performance was drastically improved by developing ALL DC and our own inverter system.



Innovated technology

High efficiency large fan:
New high efficiency fan is mounted.

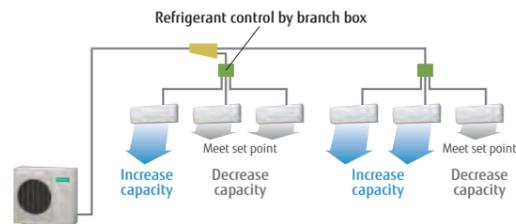
DC fan motor:
High performance and high efficiency has been realized by using a small DC fan motor.

Heat exchanger:
Reduced compact size and energy saving has been realized by utilizing high density piping design and 3-Row heat exchanger.

High efficiency DC twin rotary compressor:
A high performance, low noise, large capacity DC twin rotary compressor is used.

Quick comfort by optimized refrigerant control

Every room meets the set point most quickly and comfortably by optimized refrigerant control.



8 Rooms: AOHG45LBT8

Branch Box: UTP-PY03A / UTP-PY02A



Specifications

Model Name		AOHG45LBT8	
Maximum Connectable Indoor Unit		8	
Indoor Unit Connectable Capacity		Cooling	11.0 - 17.5 kW
Power source		Single-phase, ~230V, 50Hz	
Rated Capacity	Cooling	kW	14.0
	Heating	kW	16.0
Input Power	Cooling	kW	5.20
	Heating	kW	5.07
Airflow rate	Cooling	m ³ /h	4,650
	Heating	m ³ /h	4,800
Sound Pressure Level	Cooling	dB(A)	56
	Heating	dB(A)	58
Heat Exchanger Fin		Plate fin coil	
Net Dimensions H × W × D		mm	914×970×370
Weight		kg(lbs)	98 (217)
Connection Pipe Diameter (Liquid / Gas)		mm	9.52/15.88
Max Pipe Length		m	115 (Total)
Max Height Difference (O.U ~ I.U)		m	30
Operating Range	Cooling	°CDB	-5 to 46
	Heating	°CDB	-15 to 24
Refrigerant	Type (Global Warming Potential)	R410A (2,088)	
	Charge	kg(CO ₂ eq-T)	3.45 (7.2)

Model Name		UTP-PY03A		UTP-PY02A	
Connectable Indoor Unit		1 to 3 Units		1 to 2 Units	
Power source		Single-phase, ~230V, 50Hz		Single-phase, ~230V, 50Hz	
Available Voltage Range		198-264V		198-264V	
Power Consumption		W	10	10	
Running Current		A	0.05	0.05	
Net Dimensions H × W × D		mm	195×433×370	195×433×370	
Weight		kg(lbs)	9 (20)	9 (20)	
Connection pipe diameter	Liquid	°CDB	Main: 9.52×1, Branch:6.35×3	Main: 9.52×1, Branch:6.35×2	
	Gas	°CDB	Main: 15.88×1, Branch:12.7×3	Main: 15.88×1, Branch:12.7×2	
	Method		Flare	Flare	

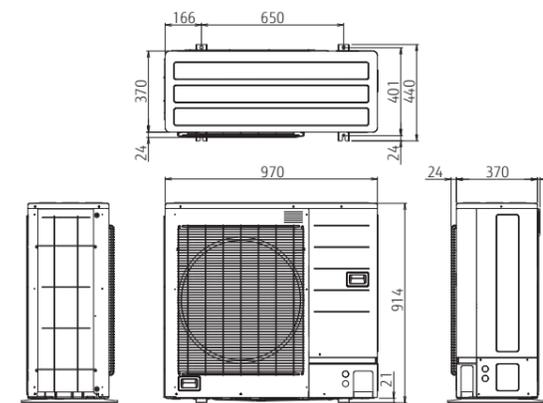
Note: Specifications are based on the following conditions.

- In case of connecting two indoor units (7 kW class).
- These are the measured values in the manufacturer's anechoic chamber.
- Cooling: Indoor temp. of 27°CDB/19°CWB, outdoor temp. of 35°CDB/24°CWB Heating: Indoor temp. of 20°CDB/15°CWB, outdoor temp. of 7°CDB/6°CWB
Pipe length: 5 m (Outdoor unit - Branch box), 3 m (Branch box - Indoor unit) Height difference : 0 m

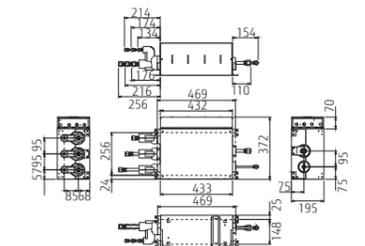
Dimensions

(Unit : mm)

Outdoor Unit: AOHG45LBT8



Branch Box : UTP-PY03A (3 branches type)



Branch Box : UTP-PY02A (2 branches type)

