

8 Rooms Multi

NEW 8 Rooms : AOYG45LBT8

ALL
DC







Features

High Efficiency & Compact

Compact outdoor unit

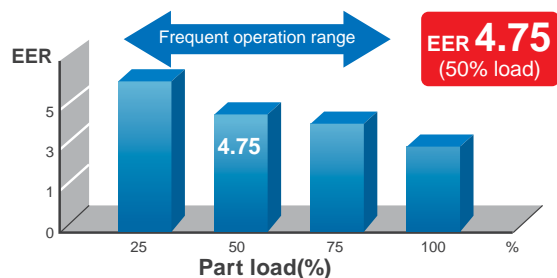


Innovated technology

-  **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.

High seasonal efficiency

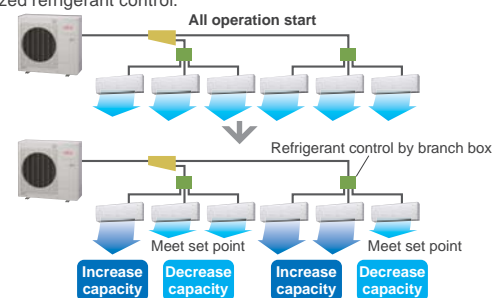
The actual performance is conducted under various outside temperatures depending on weather and seasons, furthermore, especially for multi system, not all the rooms are operated all the time. So over 90% of actual operation time, air conditioners are operated at partial capacity instead of rated capacity. 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.



More Comfort

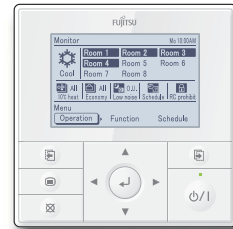
Quick comfort by optimized refrigerant control

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



Central Remote Controller Option

Central remote controller developed for residential applications. All indoor units can be batched controlled using simple operations. Schedule management and other functions can be used to achieve even greater energy savings.



UTY-DMMYM

Central & Individual Control

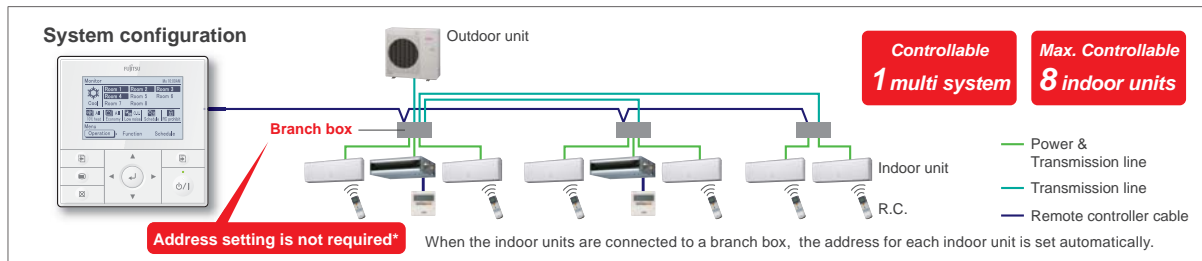
Batched control of up to 8 indoor units. The temperature, airflow volume, and remote control prohibition settings of all indoor units can be batched.

User-friendly operation

- Large backlight LED screen
- Large easy-to-see operation panel

Multiple language support

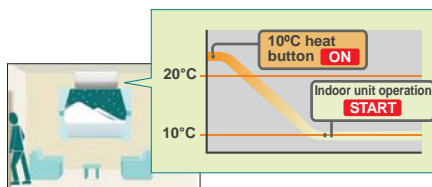
Corresponds to 9 different languages (English, German, French, Spanish, Russian, Portuguese, Italian, Greek, and Turkish)



*Note : Cross-over connections are not allowed in the refrigerant system. Group settings are not allowed.

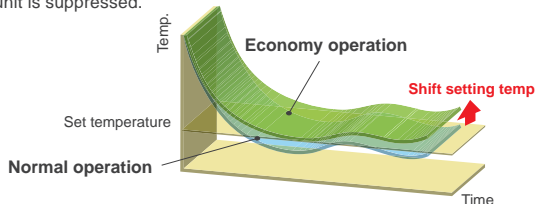
10°C heat operation

When you leave, minimum heating operation is performed to maintain the room temperature (maintain at 10°C).



Economy operation

Economy operation is energy saving, as the set temperature of indoor unit is shifted by 1°C and the maximum electric value of the outdoor unit is suppressed.

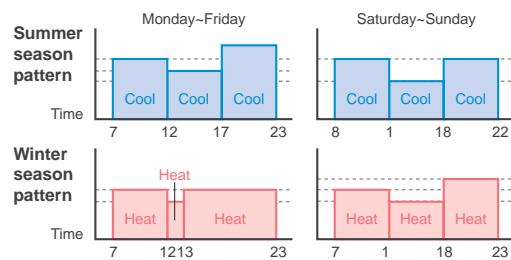


Prohibited Settings

The remote controller operation of all indoor units comes with a lock function to prevent unapproved operations in the various rooms. The central remote controller also has a key lock function to prevent children from playing with it, etc

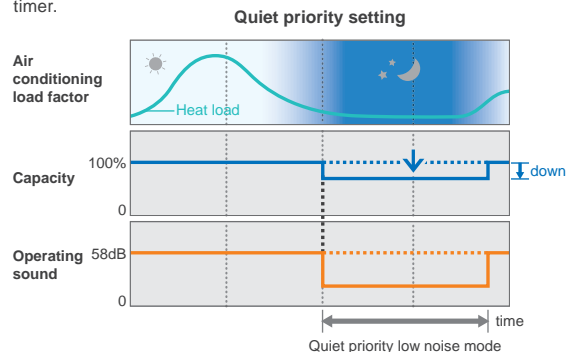
Weekly schedule timer

The ON/OFF setting can be set for 4 times a day. Two weekly patterns can be set to match the cooling and heating seasons.



Low noise operation

Users can choose from 4 low noise levels, depending on the installation environment. The operation time can be set using the timer.



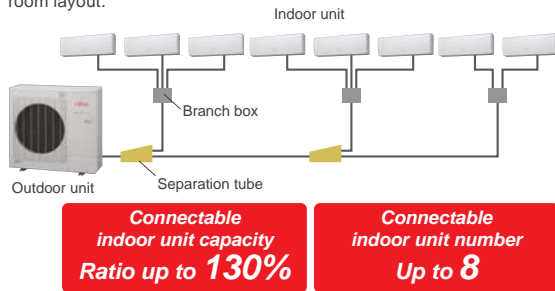
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Features

Flexible Design & Easy Installation

Large capacity connection

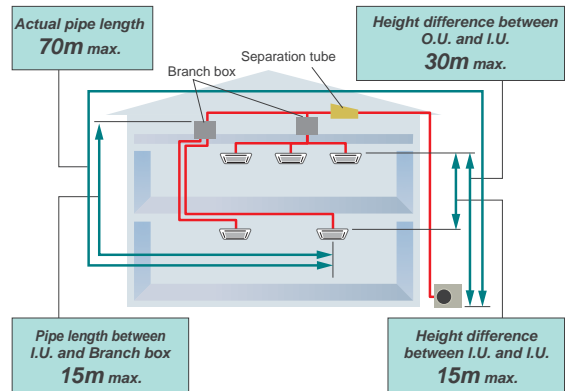
Up to 8 indoor units can be connected to one outdoor unit. A maximum of 130% indoor unit connectable capacity. Match any room layout.



Long piping design

Can be installed in high rise condominiums or commercial buildings.

Total pipe length 115m max.



All flare piping connection and simple installation that minimizes wiring mistakes.

Wiring mistake automatic check function

The check operation detects wiring mistakes in advance.

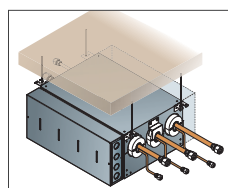
Simple all flare piping connection

Simple wiring connection that is not cross connection

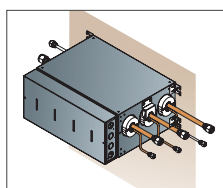
Wiring connection is the same as single split or multi type.

Branch Box can be mounted flexibly.

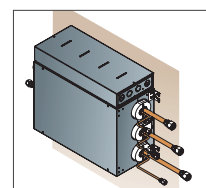
Allowed Branch Box Mounting Direction



Hanging from the ceiling
Do not hang from the ceiling when performing a vertical installation.



Horizontal Wall Mounting
Install the unit with its top side facing upwards.



Vertical Wall Mounting
Install the unit with the control box facing upwards.

Specifications

Model name			AOYG45LBT8
Maximum Connectable Indoor Unit			8
Indoor unit connectable capacity	Cooling	kW	11.2 - 18.2
Power source		V/∅/Hz	230/1/50
Rated Capacity	Cooling	kW	14.0
	Heating		16.0
Input Power	Cooling	kW	5.20
	Heating		5.07
Air flow rate	Cooling	m³/h	4,650
	Heating		4,800
Sound pressure level	Cooling	dB(A)	56
	Heating		58
Heat exchanger fin			Plate fin coil
Net Dimensions H x W x D		mm	914 x 970 x 370
Weight		kg(lbs)	98 (217)
Piping Connections (Small / Large)		mm	9.52/15.88
Max Pipe Length		m	115 (Total)
Max Height Difference (O.U ~ I.U)			30
Operating range	Cooling	°CDB	-5 to 46
	Heating		-15 to 24
Refrigerant			R410A

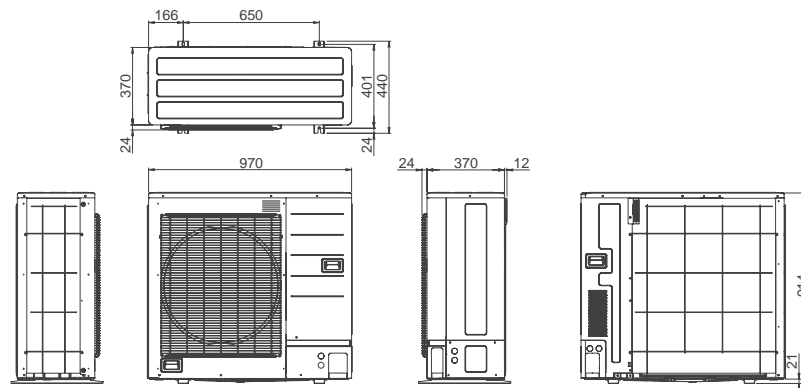
Model name			UTP-PY03A	UTP-PY02A
Connectable indoor unit			1 to 3 Units	1 to 2 Units
Power source			1∅ 230V ~50Hz	1∅ 230V ~50Hz
Available voltage range			198-264V	198-264V
Power consumption		W	10	10
Running current		A	0.05	0.05
Dimensions (HxWxD)			195x433x370	195x433x370
Weight			9	9
Connection pipe	Size	Liquid	Main: 9.52x1, Branch:6.35x3	Main: 9.52x1, Branch:6.35x2
		Gas	Main: 15.88x1, Branch:12.7x3	Main: 15.88x1, Branch:12.7x2
	Method	Flare		Flare

Note: Specifications are based on the following conditions.
Power source of specifications: 230V.

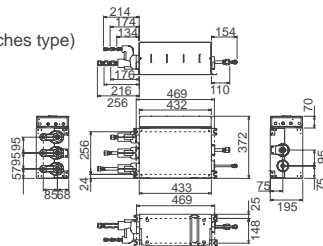
Dimensions

(Unit : mm)

Outdoor Unit : AOYG45LBT8



Branch Box : UTP-PY03A (3 branches type)



Branch Box : UTP-PY02A (2 branches type)

