

# FUJITSU Under Ceiling Console



## Unit



ABT45/54

## Remote



## Outdoor Unit



For ABT45/54



## Universal comfort

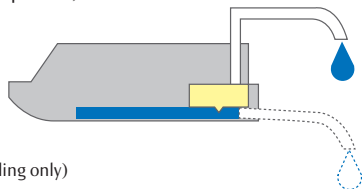
The floor/ceiling console is slim and lightweight in design, these models are ideal either for ceiling or floor installation without modification. The large under ceiling model is lightweight, slim, and fits either directly under the ceiling or can be partially recessed. Extremely quiet, yet powerful and energy efficient, they are ideal for residential or commercial situations.

## Features

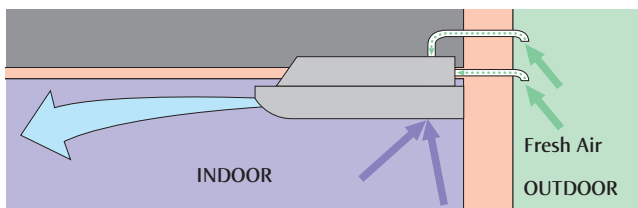
### Condensate water pump (UTR-DPB241)

The condensate water pump offers more flexible installation by lifting drain and discharge point 400mm.\* (optional)

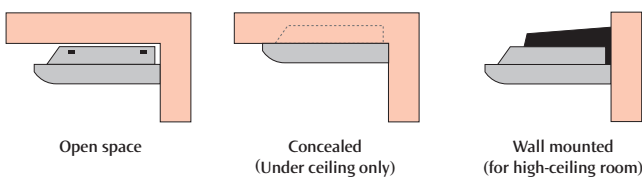
\* For installation instructions, refer to specifications.



### Fresh-air intake (Under ceiling only)

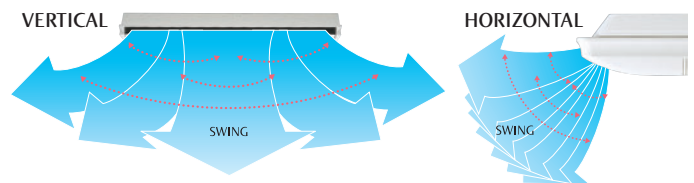


### Installation

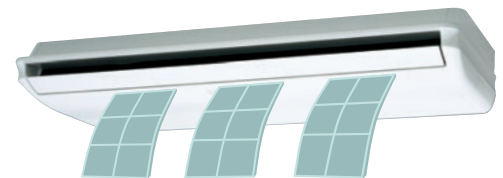


### Double auto swing

Control over air direction swing is possible through dual use of both an up/down air direction swing and right/left air direction swing. Since up/down air direction louvres operate automatically according to the operating mode of the unit, it is possible to set air direction based on the operation mode.



### Long life filter



### Wide air flow



### Slender shape



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## SPECIFICATIONS

Type			CEILING	CEILING	
Model No.	Indoor Unit		ABT45UBAG	ABT54UBAG	
	Outdoor Unit		AOT45UMAXT	AOT54UMAYT	
Reverse Cycle			Yes	Yes	
Cooling Capacities		Watts	12,700	14,500	
		BTU/Hr	43,400	49,500	
Heating Capacities		Watts	14,300	16,500	
		BTU/Hr	48,800	56,300	
E.E.R Cool		W/W	2.9	2.77	
C.O.P Heat		W/W	3.26	3.06	
Running Current		Cool Amps	7.7/Ph	9.7/Ph	
		Heat Amps	7.7/Ph	9.8/Ph	
Input Power		Cool Watts	4,380	5,230	
		Heat Watts	4,390	5,400	
Moisture Removal		L/Hr	5	6	
Fan Speeds			3	3	
Air Circulation		l/s	513	611	
Indoor Sound Pressure Level		Low DbA at 1m	41	46	
		Med DbA at 1m	46	50	
		High DbA at 1m	48	52	
Outdoor Sound Pressure Level		DbA at 1m	56	56	
Outdoor Sound Power Level		DbA	68	68	
Dimensions and Weights		I.U.	Height mm	240	240
			Width mm	1660	1660
			Depth mm	700	700
		O.U.	Net Weight kg	48	48
			Height mm	1165	1290
			Width mm	900	900
			Depth mm	330	330
			Net Weight kg	113	118
Compressor Type			Scroll	Scroll	
Interconnect cables - size		Qty - mm2	4 - 1.5	4 - 1.5	
Recommended Min. Power Cable		mm2	2.5	2.5	
Phase - Frequency		Ph - Hz	3 - 50	3 - 50	
Power Supply Attachment			Outdoor	Outdoor	
Power Supply		Volts	415	415	
Refrigerant Type			R410a	R410a	
Connection Pipe Sizes		Gas mm	19.05	19.05	
		Liquid mm	9.52	9.52	
Minimum Pipe Length		Metre	5	5	
Maximum Pipe Length		Metre	50	50	
Maximum Pipe Height		Metre	30	30	
Pre Charged Length		Meter	20	20	
Pipe Connection Method			Flare	Flare	
Condensate Pump Lift			400	400	
Outdoor Operating Temp		Cool Degree C	0 to 43	0 to 43	
		Heat Degree C	-10 to 24	-10 to 24	
Soft Starter			N/A	N/A	



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www.fujitsugeneral.co.nz

Body colour is white on all models.

The heating method employed is the "Reverse Cycle Heating System" on all heating and cooling compatible models. Cooling/Heating capacities are based on AS/NZS 3823. Sound power level (cooling) is rated in accordance with AS 1217. Specifications and design subject to change without notice for further improvement. Please check with your dealer.

MUST BE INSTALLED AND SERVICED BY ACCREDITED AIR CONDITIONING SPECIALIST.

Recommended cable sizes are based on AS/NZS3000 and AS/NZS3008. Cooling only model specifications available upon request.



## EXPLANATION OF FEATURES

- Moisture Removal**  
The computer effectively dehumidifies the air.
- Automatic Air Flow Adjustment**  
The micro-computer automatically adjusts the air flow effectively to follow the changes of room temperature.
- ON-OFF Timer**  
ON-OFF timer can be set to operate once.
- Washable Panel**
- Up/Down Swing Flaps**  
The up/down flaps automatically swing to up and down.
- Auto Restart**  
In the event of a temporary power failure, the air conditioner will automatically restart in the same operating mode as before, once the power supply is restored.
- Weekly Timer**  
Different on-off times can be set for each day.
- Long-life Ion deodorization filter**
- Right/Left Swing Flaps**  
The right/left flaps automatically swing in either direction.
- Weekly + Setback Timer**  
Weekly + Setback timer can set temperature for two time spans and for each day of the week.
- Long-life photocatalytic deodorizing filter**
- Double Swing Automatic**  
Complex swing action of flaps enables automatically to swing both horizontal and vertical directions.
- Auto-Changover**  
The unit automatically switches between heating and cooling modes based on your temperature setting and the room temperature.
- Connectable Distributing Duct**  
Conditioned air can be distributed by means of a distribution duct.
- Apple-catechin filter**
- Automatic Flaps**  
The position of the flaps is set automatically to match the operating mode. It is also possible to adjust the flaps using the remote control.
- Sleep Timer**  
The micro-computer gradually changes the room temperature automatically to afford a comfortable night's sleep.
- Connectable Fresh Air Duct**  
Duct connection port hole opening. Fresh air can be introduced through this opening.
- Wasabi antibacterial electrostatic filter**
- Auto Shut Flaps**  
The auto shut flaps close or open automatically when the unit stops or starts.
- Program Timer**  
This digital timer allows selection of one of four options. ON, OFF, ON → OFF, or OFF → ON.
- Fresh air intake**  
Fresh air can be taken in by a fan which can be connected using UTD-ECS5A (optional parts).
- Top Energy Saver Award**  
For the most energy efficient Star Rated Products.