

# FLOOR/CEILING CONSOLE



## Units



ABT36/45/54 – Ceiling only



ABT24U VERTICAL

*Soft Starter*



ABT24U HORIZONTAL

## Remotes



Handy Type

## Outdoor Units



For ABT24U



For ABT36U/45U/54U

## Universal comfort

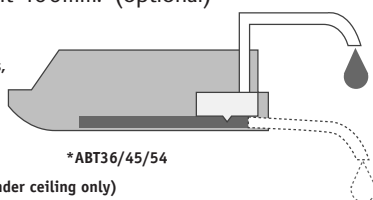
The floor/ceiling console is slim and lightweight in design, these models are ideal either for ceiling or floor installation without modification.

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.

## Condensate water pump

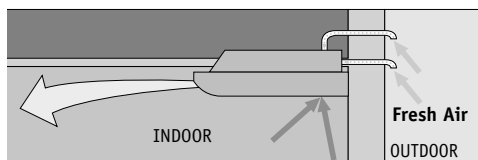
The condensate water pump offers more flexible installation by lifting drain and discharge point 400mm.\* (optional)

\*For installation instructions, refer to specifications.

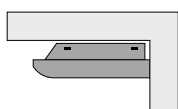


\*ABT36/45/54

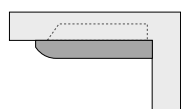
## Fresh-air intake (Under ceiling only)



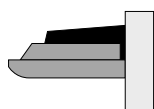
## Installation



Open space



Concealed  
(Under ceiling only)

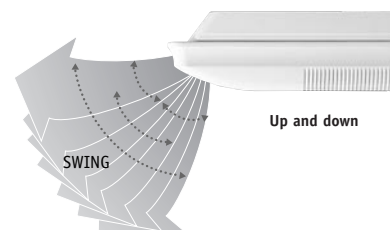
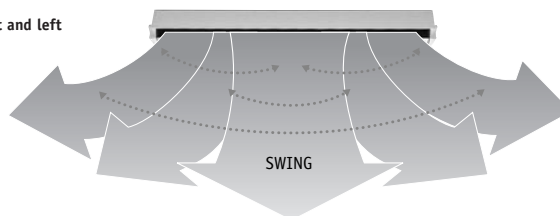


Wall mounted  
(for high-ceiling room)

## 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.

Right and left



Up and down



Wide Air Flow Proportion

FLOOR/CEILING CONSOLE

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**FUJITSU**

## SPECIFICATIONS

Type		FLOOR/CEILING	CEILING	CEILING	CEILING	
Model No.	Indoor Unit	ABT24UBBJ	ABT36UBAG	ABT45UBAG	ABT54UBAG	
	Outdoor Unit	AOT24UNBKL	AOT36UNAXT	AOT45UMAXT	AOT54UMAYT	
Super Power		Yes	Yes	Yes	Yes	
Moisture Removal		Yes	Yes	Yes	Yes	
Twin Flow		Yes	Yes	Yes	Yes	
Up/Down Swing Louvre		Yes	Yes	Yes	Yes	
Right/Left Swing		Yes	Yes	Yes	Yes	
Automatic Louvre		Yes	Yes	Yes	Yes	
Auto Shut Louvre		Yes	Yes	Yes	Yes	
Automatic Air Flow Adjustment		Yes	Yes	Yes	Yes	
Auto Restart		Yes	Yes	Yes	Yes	
Sleep Timer		Yes	Yes	Yes	Yes	
Digital Timer		Yes	Yes	Yes	Yes	
Auto Changeover Mode		Yes	Yes	Yes	Yes	
Reverse Cycle System		Yes	Yes	Yes	Yes	
Standard Filter		Yes	Yes	Yes	Yes	
Optional Pump		NA	UTR-DPB241	UTR-DPB241	UTR-DPB241	
Cooling Capacity	Watts	6800	10500	12700	14500	
	BTU/h	23200	35800	43400	49500	
Heating Capacity	Watts	7600	12000	14300	16500	
	BTU/h	25900	40900	48800	56300	
Power Supply	Volts	240	415	415	415	
Phase-Frequency	Ph- Hz	1-50	3-50	3-50	3-50	
Power Supply Attachment		Outdoor	Outdoor	Outdoor	Outdoor	
Plug Size (If Applicable)	Amps	NA	NA	NA	NA	
Interconnect Wires-Size		7 - 2.5	4 - 2.5	4 - 2.5	4 - 2.5	
Recommended Min Power Cable Size	mm <sup>2</sup>	4	2.5	2.5	2.5	
Running Current	Cooling Amps	10.7	6.1	7.7	9.7	
	Heating Amps	10.3	6.2	7.7	9.8	
Input	Cooling Watts	2470	3550	4380	5230	
	Heating Watts	2420	3550	4390	5400	
Moisture Removal	l/hr	2.5	4.0	5.0	6.0	
E.E.R.	Cooling W/W	2.75	2.96	2.9	2.77	
	Heating W/W	3.14	3.38	3.26	3.06	
C.O.P.	Cooling	3.5	NA	NA	NA	
	Heating	3.5	NA	NA	NA	
Fan Speeds		3	3	3	3	
Air Circulation	l/s	256	461	513	611	
Compressor Type		Rotary	Twin Rotary	Scroll	Scroll	
Dimensions and Weights	I.U.	Height mm	199	240	240	240
		Width mm	990	1660	1660	1660
		Depth mm	655	700	700	700
		Net Weight kg	28	48	48	48
	O.U.	Height mm	650	1165	1165	1290
		Width mm	830	900	900	900
		Depth mm	320	330	330	330
		Net Weight kg	59	94	113	118
I.U. Sound Pressure Level	H/M/L	dBA@1m	50/46/42	45	48	52
O.U. Sound Pressure Level		dBA@1m	54	55	55	55
O.U. Sound Power Level		dB	65	68	68	68
Refrigerant Type		R410A	R410A	R410A	R410A	
Connection Pipe Sizes	Gas	mm	15.88	15.88	19.05	19.05
	Liquid	mm	9.52	9.52	9.52	9.52
Maximum Pipe Length		Metre	20	50	50	50
Maximum Pipe Height		Metre	7.5	30	30	30
Pipe Connection Methods			Flare	Flare	Flare	Flare
Outdoor operating Temp	Cooling	Degrees C	0 to 43	0 to 43	0 to 43	0 to 43
	Heating	Degrees C	-7 to 24	-10 to 24	-10 to 24	-10 to 24
Soft Starter			Yes	NA	NA	NA

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 HEAT PUMP TERMS

**Super Power** – An efficient compressor and heat exchanger that quickly changes your room into a comfortable environment.

**Moisture Removal** – The in-built micro processor allows the air to be effectively dehumidified.

**Twin Flow** – Allows heated air to be directed down from the upper levels of the room, and in cooling, cool air flow is directed across the room.

**Up/Down Swing Louvre** – Up/Down swing louvre automatically swings in either direction.

**Right/Left Swing Louvre** – The right/left air louvre automatically swings in either direction.

**Automatic Louvres** – Automatically adjust themselves according to the operation mode. They can also be adjusted using the remote control.

**Auto Shut Louvre** – When the unit is switched on/off, the louvre automatically opens and closes.

**Automatic Air Flow Adjustment** – The micro-computer automatically adjusts the air flow, depending on changes in room temperature.

**Auto Restart** – Should there be a temporary loss of power, the unit will automatically restart itself in the same operating mode, once power is restored.

**Sleep Timer** – The micro processor gradually changes the room temperature, allowing you to sleep comfortably at night.

**Timer** – The timer allows you to select on/off modes.

**Weekly Timer** – Set variable on and off times each day for up to 7 days.

**Auto Changeover Mode** – The unit automatically switches between heating and cooling modes according to the temperature setting and room temperature.

**Super Wave** – The louvre automatically swings to left & right. Direction & angle can be changed easily.

**Instant Air Exchange** – Stale air is slowly removed.

**Reverse Cycle Heating System** – Your reverse cycle air conditioner heats as well as cools.

**Connectable Fresh Air Duct** – Allows introduction of fresh air to occupied space.

**Connectable Distribution Duct** – Branch duct connection for air distribution to adjacent areas.

**Energy Efficiency Ratio (E.E.R.)** – The E.E.R. shows the ratio of the cooling capacity for the input power at any given set of rating conditions. Unless indicated, this is derived from Watts/watt. (AS3823)

**Co-efficiency of Performance (C.O.P.)** – The C.O.P. shows the efficiency by giving a ratio of heating capacity for the input power at any given set of rating conditions. Unless indicated, this is derived from Watts/watt. (AS3823)

**Standard Filter** – Removes larger particles from the air to protect the air conditioner.

**Electro Static Filter** – The electro static filter cleans the air by removing invisible dust and the active charcoal element absorbs odours.

**Wasabi Triple Filter** – Fujitsu's anti-bacterial Wasabi triple filter eliminates pollen, mould and household dust. Perfect for pet lovers and asthmatics.

**Air Purifying Filter** – The air purifying filter traps fine dust as small as 0.01 microns, to purify and deodorise the air.

**UV and Autoclean Filter** – Fujitsu has developed the world's first autoclean filter system which allows the air conditioner to clean itself automatically so your Fujitsu Comfort will always be pure and clean.

**Air Cleaning Filter** – The air cleaning filter cleans the air by electrostatically removing invisible dust.

**Soft Starter** – Allows economical and quiet compressor start up.