

# FUJITSU Floor/Ceiling Console



## Units



ABT18LBAJ / ABT24LBBJ



ABT18LBAJ / ABT24LBBJ



## Remote



Handy Type



## Outdoor Units



For ABT18LBAJ



For ABT24LBBJ

## Highly efficient

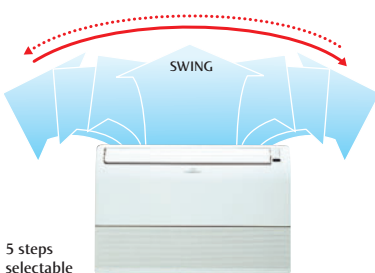
The new Inverter Floor Ceiling Console single room split system units are highly efficient. Slim and lightweight in design, these models are ideal either for ceiling or floor installation without modification. Extremely quiet, yet powerful and highly energy efficient. They are ideal for residential or commercial situations.

## Features

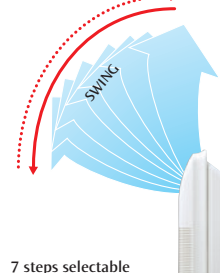
### Double auto swing

A combination of up/down and right/left air direction swing allows three-dimensional air direction control. Since up/down air direction flaps operate automatically, according to the operating mode of the unit, it is possible to set the air direction based on the operating mode.

#### Right and left



#### Up and down



## Flexible installation



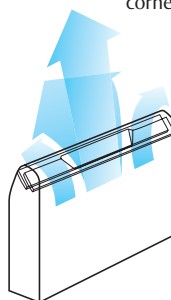
FLOOR



CEILING

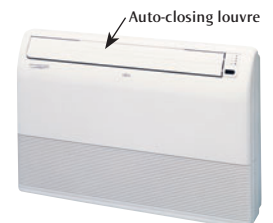
### Super Vane

The double-flap "Super Vane" with newly developed special configuration boosts the air flow, sending warm air quickly to every corner of the room.



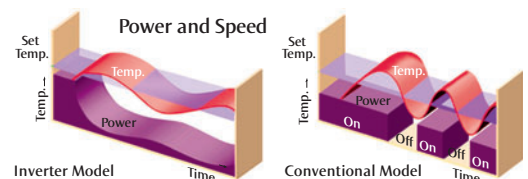
### Auto-closing louvre

This function is common to all indoor unit types except the duct type.



### Inverter control

The Inverter component allows the outdoor unit to vary its speed and output to match the required capacity of the indoor unit. Thus, the Inverter model can achieve 30% more operating efficiency than conventional models and therefore, is much cheaper to run.



NEW ZEALAND'S FAVOURITE AIR™



## SPECIFICATIONS

Type			INVERTER	INVERTER	
Model No.	Indoor Unit		ABT18LBAJ	ABT24LBBJ	
	Outdoor Unit		AOT18LMAKL	AOT24LMBDL	
Reverse Cycle			YES	YES	
Cooling Capacities	Watts		5,200	6,500	
	BTU/Hr		17,800	22,200	
Cooling Range	Watts		2,000 - 5,900	2,900 - 8,200	
	BTU/Hr		6,800 - 20,100	9,600 - 28,000	
Heating Capacities	Watts		6,200	6,800	
	BTU/Hr		21,200	23,200	
Heating Range	Watts		2,000 - 7,500	2,900 - 9,500	
	BTU/Hr		6,800 - 25,600	9,600 - 32,400	
Star Rating	Cool		4.5	4	
	Heat		4	4.5	
E.E.R Cool	W/W		3.06	3.02	
C.O.P Heat	W/W		3.26	3.42	
Running Current	Cool	Amps	7.43 (8.8 Max)	9.4 (13.9 Max)	
	Heat	Amps	8.3 (10.5 Max)	8.7 (13.9 Max)	
Input Power	Cool	Watts	1,700 (650 - 1,990)	2,150 (650 - 3,300)	
	Heat	Watts	1,900 (600 - 2,400)	1,990 (660 - 3,300)	
Moisture Removal	L/Hr		1.7	2.5	
Fan Speeds			3	3	
Air Circulation	l/s		217	244	
Indoor Sound Pressure Level	Low	DbA at 1m	37	41	
	Med	DbA at 1m	42	45	
	High	DbA at 1m	46	49	
Outdoor Sound Pressure Level	DbA at 1m		50	53	
Outdoor Sound Power Level	DbA		61	65	
Dimensions and Weights	I.U	Height	mm	199	199
		Width	mm	990	990
		Depth	mm	655	655
	O.U	Net Weight	kg	28	28
		Height	mm	650	900
		Width	mm	830	900
Depth	mm	320	350		
Net Weight	kg	54	70		
Compressor Type			DC Twin Rotary	DC Twin Rotary	
Interconnect cables - size		Qty - mm2	4 - 1.5	4 - 1.5	
Recommended Min. Power Cable		mm2	4	4	
Phase - Frequency		Ph - Hz	1 - 50	1 - 50	
Power Supply		Volts	230	230	
Refrigerant Type			R410a	R410a	
Connection Pipe Sizes	Gas	mm	12.7	15.88	
	Liquid	mm	6.35	9.52	
Minimum Pipe Length	Metre		5	5	
Maximum Pipe Length	Metre		25	25	
Maximum Pipe Height	Metre		15	15	
Pre Charged Length	Metre		15	15	
Pipe Connection Method			Flare	Flare	
Outdoor Operating Temp	Cool	Degree C	0 to 43	0 to 43	
	Heat	Degree C	-10 to 24	-10 to 24	



NEW ZEALAND'S FAVOURITE AIR™

Fujitsu General New Zealand Limited  
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. 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. Cooling/heating capacities are based on AS/NZS3823.

Cooling Indoor temp. : 27°C DB/19°C WB  
Outdoor temp. : 35°C DB/24°C WB

Heating Indoor temp. : 20°C DB  
Outdoor temp. : 7°C DB/6°C WB



## EXPLANATION OF FEATURES

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