

FLOOR/CEILING CONSOLE



Units



ABT18/24LBAJ VERTICAL



ABT18/24LBAJ HORIZONTAL

Remotes



Handy Type

Outdoor Units



For ABT18LBAJ



For ABT24LBAJ

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.

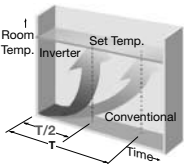
What's an Inverter?

Through new, advanced technology, Inverter air conditioners are more economical to operate and quieter to run than conventional units. They can handle greater extremes in temperature, are smoother and more stable in operation, and reach the desired temperature more quickly than conventional air conditioners.

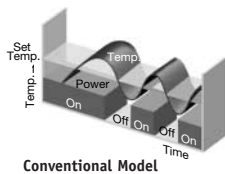
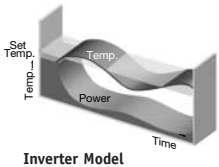
Inverter control

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.

Room Warming Speed



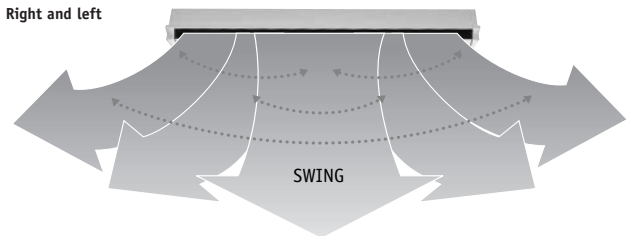
Power and Speed



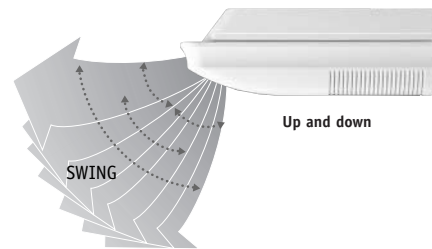
Double auto swing

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



INVERTER FLOOR/CEILING CONSOLE

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SPECIFICATIONS

Type		INVERTER	INVERTER	
Model No.	Indoor Unit	ABT18LBAJ	ABT24LBAJ	
	Outdoor Unit	AOT18LMAKL	AOT24LMADL	
Super Power		Yes	Yes	
Moisture Removal		Yes	Yes	
Twin Flow		Yes	Yes	
Up/Down Swing Louvre		Yes	Yes	
Right/Left Swing		Yes	Yes	
Automatic Louvre		Yes	Yes	
Auto Shut Louvre		Yes	Yes	
Automatic Air Flow Adjustment		Yes	Yes	
Auto Restart		Yes	Yes	
Sleep Timer		Yes	Yes	
Timer		Yes	Yes	
Auto Changeover Mode		Yes	Yes	
Standard Filter		Yes	Yes	
Reverse Cycle System		Yes	Yes	
Cooling Capacity	Watts	2000-5900	2900-8200	
	BTU/h	17800(6800-20100)	24200(9600-28000)	
Heating Capacity	Watts	2000-7500	2900-9500	
	BTU/h	21200(6800-25600)	28200(9600-32400)	
Power Supply	Volts	240	240	
Phase-Frequency	Ph- Hz	1-50	1-50	
Power Supply Attachment		Outdoor	Outdoor	
Plug Size (If Applicable)	Amps	NA	NA	
Interconnect Wires-Size		4 - 1.5	4 - 1.5	
Recommended Min Power Cable Size	mm ²	4	4	
Running Current	Cooling Amps	7.4(3.0-8.8)	11.8(2.8-13.9)	
	Heating Amps	8.3(2.8-10.5)	12.3(2.8-13.9)	
Input	Cooling Watts	1700(650-1990)	2720(650-3300)	
	Heating Watts	1900(600-2400)	2850(660-3300)	
Moisture Removal	l/hr	1.7	2.5	
E.E.R.	Cooling	3.06	2.6	
C.O.P.	Heating	3.26	2.9	
Star Rating	Cooling	4.5 @ 5200W	3 @ 7100W	
	Heating	4 @ 6200W	3 @ 8300W	
Fan Speeds		3	3	
Air Circulation	L/s	217	244	
Compressor Type		DC Twin Rotary	DC Twin Rotary	
Dimensions and Weights	I.U.	Height mm	199	199
		Width mm	990	990
		Depth mm	655	655
		Net Weight kg	28	28
	O.U.	Height mm	650	900
		Width mm	830	900
		Depth mm	320	350
		Net Weight kg	54	70
I.U. Sound Pressure Level	H/M/L	dB(A)@1m	46/42/37	49/45/41
O.U. Sound Pressure Level		dB(A)@1m	50	53
O.U. Sound Power Level		dB(A)	61	65
Refrigerant Type		R410A	R410A	
Connection Pipe Sizes	Gas	mm	12.7	15.88
	Liquid	mm	6.35	9.52
Maximum Pipe Length		Metre	25	25
Maximum Pipe Height		Metre	15	15
Pre-Charge Piping Length		Metre	15	15
Pipe Connection Methods			Flare	Flare
Outdoor Operating Temp	Cooling	Degrees C	0 to 43	0 to 43
	Heating	Degrees C	-10 to 24	-10 to 24

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.