

FUJITSU Hi-Wall



Units



AST9U



AST18U/24U



Remote



For AST9U/18U/24U

Outdoor Units



For AST9U



For AST18U/24U

Total comfort with ease of operation

Stylish & slim, these elegant Hi-Wall units complement any interior décor and are suitable for a variety of applications.

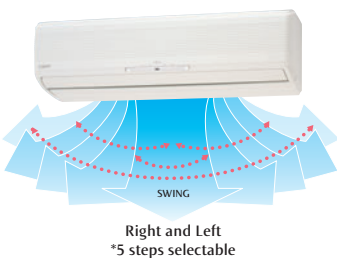
Features

Washable panel filter

The removable and washable panel filter is an effective air cleanser, removing mould and dust from the environment. Cleaning of the indoor unit itself is simple due to design and shape of the casing. The top panel can also be removed for easy cleaning if necessary.



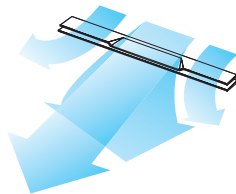
Wide air flow with super vane



Right and Left *5 steps selectable

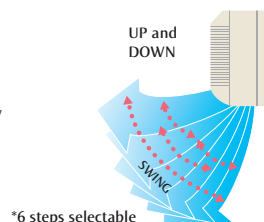
Super vane

Our newly developed super vane configuration boosts air flow by sending cool air quickly to every corner of the room.



Quiet omni-directional air flow

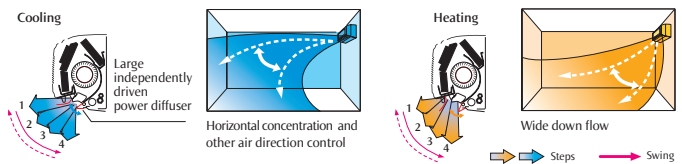
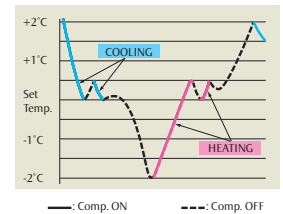
In all Fujitsu wall mounted models, control over air direction swing is made possible by dual use of an up/down and right/left air direction swing.



*6 steps selectable

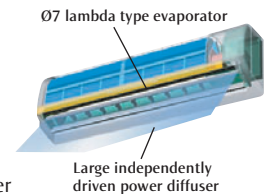
Power diffuser

The floor level heating efficiency is considerably improved through our new design of "Power Diffuser." With the combination of a power diffuser and up/down air direction panels, more comfort can be obtained.



Low noise

- High: 46dB - 24 type actual data
- High efficiency fan construction 7mm Lambda type evaporator improves the airflow path
- Large independently driven power diffuser



Air purifying filters (optional)

The air purifier filter traps small dust, particles and pollen, so that your home is filled with fresh, clean air. The filter is double-sided with an air-cleaning electrostatic filter on one side and a deodorising activated charcoal filter on the other side. The optional filter easily clips on to the standard air filter, and is effective for approximately 3 months assuming an average operation time of 8 hours/day.

- AST9U – APS-03B
- AST18 – UTR-FA08
- AST24 – UTR-FA08

NEW ZEALAND'S FAVOURITE AIR™



SPECIFICATIONS

Type			HI WALL	HI WALL	HI WALL MULTI	
Model No.	Indoor Unit		AST18UBBJ	AST24UBBJ	AST9UMBD X2	
	Outdoor Unit		AOT18UNBKL	AOT24UNBKL	AOT19USCV2	
Reverse Cycle			Yes	Yes	Yes	
Cooling Capacities	Watts		5,400	6,800	2,850	
	BTU/Hr		18,400	23,200	9,700	
Heating Capacities	Watts		6,300	7,500	3,250	
	BTU/Hr		21,500	25,600	11,100	
Star Rating	Cool		3.5	3.5	N/A	
	Heat		3.5	3	N/A	
E.E.R Cool	W/W		2.77	2.81	2.83	
C.O.P Heat	W/W		3.15	2.96	3.16	
Running Current	Cool	Amps	8.8	10.4	4.6	
	Heat	Amps	9	10.7	4.6	
Input Power	Cool	Watts	1,950	2,420	990	
	Heat	Watts	2,000	2,530	1,030	
Moisture Removal	L/Hr		2	2.7	1	
Fan Speeds			3	3	4	
Air Circulation	l/s		233	269	130	
Indoor Sound Pressure Level	Quiet	DbA at 1m	N/A	N/A	29	
	Low	DbA at 1m	33	35	31	
	Med	DbA at 1m	36	40	34	
	High	DbA at 1m	42	46	36	
Outdoor Sound Pressure Level	DbA at 1m		52	54	52	
Outdoor Sound Power Level	DbA		64	65	65	
Dimensions and Weights	I.U.	Height	mm	320	320	257
		Width	mm	1120	1120	808
		Depth	mm	220	220	187
		Net Weight	kg	16	16	8
	O.U.	Height	mm	650	650	700
		Width	mm	830	830	900
		Depth	mm	320	320	330
		Net Weight	kg	52	59	63
Compressor Type			Rotary	Rotary	Rotary	
Interconnect cables - size			Qty - mm2	7 - 1.5	7 - 1.5	4 - 1.5
Recommended Min. Power Cable			mm2	4	4	2.5
Phase - Frequency			Ph - Hz	1 - 50	1 - 50	1 - 50
Power Supply Attachment				Outdoor	Outdoor	Outdoor
Power Supply			Volts	230	230	230
Refrigerant Type				R410a	R410a	R410a
Connection Pipe Sizes	Gas	mm	15.88	15.88	9.52	
	Liquid	mm	6.35	9.52	6.35	
Minimum Pipe Length			Metre	5	5	3
Maximum Pipe Length			Metre	20	20	15
Maximum Pipe Height			Metre	8	8	8
Pre Charged Length			Meter	7.5	7.5	7.5
Pipe Connection Method				Flare	Flare	Flare
Outdoor Operating Temp	Cool	Degree C	0 to 43	0 to 43	10 to 43	
	Heat	Degree C	-7 to 24	-7 to 24	-5 to 24	
Soft Starter				No	Yes	No



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

- 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-Changeover**
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.