

CEILING WALL



Units



AWT18U/24U/30R

Remotes



For AWT18U/24U/30R

Outdoor Units



For AWT18U/24U



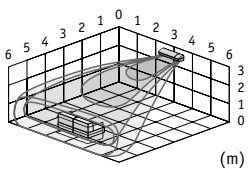
For AWT30R

Ceiling Wall type

These elegant units are designed to sit very high on the wall, just 40 mm below the ceiling and remain very unobtrusive.

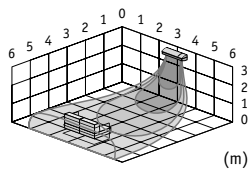
Large & wide airflow

Greater airflow and air direction is made possible by the dual use of up/down and right/left air direction swing louvres, achieving a comfortable environment.



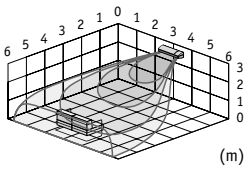
(m)

Horizontal cooling



(m)

Floor level heating

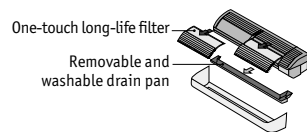


(m)

Large, wide airflow

Easy maintenance

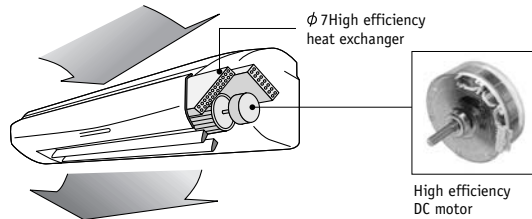
New design offers easy filter maintenance for the user and drain pan access for the technician.



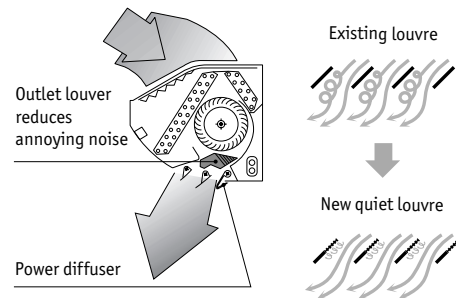
High efficiency - Low noise

High output and high efficiency are achieved by using a DC fan motor and high efficiency heat exchanger, giving greater airflow and low noise.

High output and high efficiency are achieved by using a DC motor.



High efficiency DC motor



Outlet louver reduces annoying noise

Power diffuser

Existing louvre

New quiet louvre

Highly efficient R410A refrigerant

The R410A refrigerant, which is used in Fujitsu's ducted inverter units, has zero ozone layer depletion potential as it contains no chlorine. R410A also provides excellent stability and low toxicity, as well as offering superior energy saving.

CEILING WALL

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FUJITSU

SPECIFICATIONS

Type		CEILING WALL	CEILING WALL	CEILING WALL	
Model No.	Indoor Unit	AWT18UBBJ	AWT24UBBJ	AWT30RBAW	
	Outdoor Unit	AOT18UNBKL	AOT24UNBKL	AOT30RMAL	
Super Power		Yes	Yes	Yes	
Moisture Removal		Yes	Yes	Yes	
Twin Flow		Yes	Yes	Yes	
Up/Down Swing Louvre		Yes	Yes	Yes	
Right/Left Swing		Yes	Yes	Yes	
Automatic Louvre		Yes	Yes	Yes	
Auto Shut Louvre		Yes	Yes	Yes	
Automatic Air Flow Adjustment		Yes	Yes	Yes	
Auto Restart		Yes	Yes	Yes	
Sleep Timer		Yes	Yes	Yes	
Timer		Yes	Yes	Yes	
Auto Changeover Mode		Yes	Yes	Yes	
Standard Filter		Yes	Yes	Yes	
Optional Air Purifying filter		Optional	Optional	Optional	
Reverse Cycle System		Yes	Yes	Yes	
Cooling Capacity	Watts	5400	6800	8000	
	BTU/h	18400	23200	27300	
Heating Capacity	Watts	6300	7500	8800	
	BTU/h	21500	25600	30000	
Power Supply	Volts	240	240	240	
Phase-Frequency	Ph- Hz	1-50	1-50	1-50	
Power Supply Attachment		Outdoor	Outdoor	Outdoor	
Plug Size (If Applicable)		NA	NA	NA	
Interconnect Wires-Size		7 - 1.5	7 - 1.5	7 - 1.5	
Recommended Min Power Cable Size	mm ²	4	4	4	
Running Current	Cooling Amps	8.8	10.4	13.5	
	Heating Amps	9.0	10.7	14.4	
Input	Cooling Watts	1950	2420	3140	
	Heating Watts	2000	2530	3250	
Moisture Removal	l/hr	2	2.5	3	
E.E.R.	Cooling	2.77	2.81	2.55	
C.O.P.	Heating	3.15	2.96	2.71	
Star Rating	Cooling	3.5	3.5	2.5	
	Heating	3.5	3	2.5	
Fan Speeds		3	3	3	
Air Circulation	L/s	211	250	292	
Compressor Type		Rotary	Rotary	Rotary	
Dimensions and Weights	I.U.	Height mm	270	270	270
		Width mm	1150	1150	1150
		Depth mm	285	285	285
		Net Weight kg	16	16	16
	O.U.	Height mm	650	650	900
		Width mm	830	830	900
		Depth mm	320	320	350
		Net Weight kg	52	59	79
I.U. Sound Pressure Level	H/M/L	dB(A)@1m	40/36/33	44/40/35	47/44/40
O.U. Sound Pressure Level		dB(A)@1m	53	54	54
O.U. Sound Power Level		dB(A)	64	65	67
Refrigerant Type			R410A	R410A	R22
Connection Pipe Sizes	Gas	mm	15.88	15.88	15.88
	Liquid	mm	6.35	9.52	9.52
Maximum Pipe Length		Metre	20	20	30
Maximum Pipe Height		Metre	8	8	15
Pre-Charge Piping Length		Metre	7.5	7.5	7.5
Pipe Connection Methods			Flare	Flare	Flare
Outdoor Operating Temp	Cooling	Degrees C	0 to 43	0 to 43	0 to 43
	Heating	Degrees C	-7 to 24	-7 to 24	0 to 24
Soft Starter			No	Yes	Yes

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. Cooling/heating capacities are based on AS/NZS3823.

Cooling	Indoor temp. : 27°C DB/19°C WB	Heating	Indoor temp. : 20°C DB
	Outdoor temp. : 35°C DB/24°C WB		Outdoor temp. : 7°C DB/6°C WB

GLOSSARY

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.