

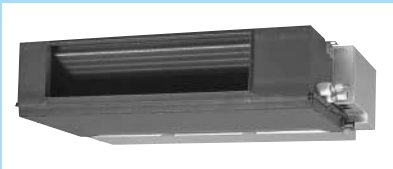
DUCTED & BULKHEAD SINGLE PHASE



Units



ART36R



ART14U/18U



ART25U/30U

Outdoor Units



For ART14U



For ART18U/25U



For ART30U



For ART36RLAH

Remotes



Wired Remote Temperature Sensor



Simplified Wired Controller

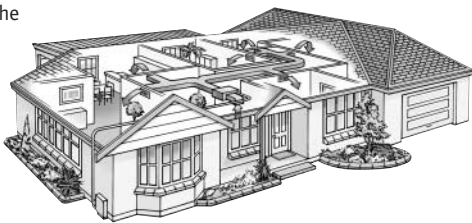


Wired Controller (with weekly timer)

Invisible comfort

Whatever shape of the room, ducted units help create uniform temperatures throughout. The unit is totally concealed, usually within a ceiling void. Cool or warm air is then ducted into each room through outlets positioned in the walls, floor or ceiling.

Easily controlled, Fujitsu's ducted systems provide comfort throughout.

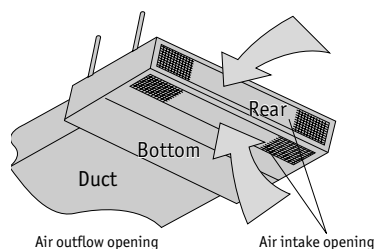


Auto restart

The auto restart allows the unit to return to previous operating settings after a power failure.

Air Intake possible from two directions

You can choose to have the unit intake air from the rear or from the bottom, whichever is more convenient.



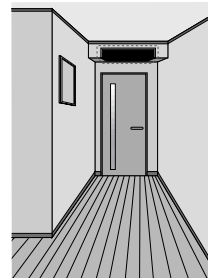
Air outflow opening

Air intake opening

Discreet and efficient bulkhead units

The Fujitsu bulkhead units are compact in design and can be installed in the smallest of spaces, either horizontally or vertically, making them ideal for situations where space is at a premium.

(For ART14R/18R)



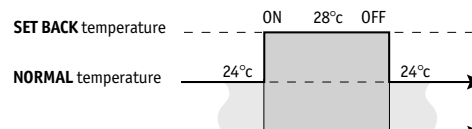
Ceiling concealed



Floor standing concealed

Temperature set back timer*

Use this timer function to change the set temperature in the operation times set for each day of the week. This can be used together with other timer settings.



Simplified wired remote controller*

This controller can be used as an option slave controller for dual comfort. It offers easier operation and backlit display.

*ART14/18/25/30 models only

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FUJITSU

SPECIFICATIONS

Type			BULKHEAD	SLIM-LINE	SLIM-LINE	SINGLE PHASE HIGH STATIC
Model No.	Indoor Unit		ART18UUAD	ART25UUAN	ART30UUAN	ART36RLAH
	Outdoor Unit		AOT18UNDKL	AOT25UNAKL	AOT30UNBWL	AOT36RBAL
Super Power			Yes	Yes	Yes	Yes
Moisture Removal			Yes	Yes	Yes	Yes
Automatic Air Flow Adjustment			Yes	Yes	Yes	Yes
Auto Restart			Yes	Yes	Yes	Yes
Timer			Weekly + Setback	Weekly + Setback	Weekly + Setback	Weekly
Auto Changeover Mode			Yes	Yes	Yes	Yes
Standard Filter			Yes	No	No	No
Air Purifying Filter			Yes	Yes	Yes	No
Reverse Cycle System			Yes	Yes	Yes	Yes
Connectable Fresh Air Duct			No	Yes	Yes	Yes
Low/High Static Pressure Mode			Yes	Yes	Yes	No
Simplified Wired Controller	Option		UTB-TPB	UTB-TPB	UTB-TPB	No
Wired Remote Sensor	Option		UTD-RS100F	UTD-RS100F	UTD-RS100F	UTD-RS100F
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Cooling Capacity	Watts		5450	7050	8500	10500
	BTU/h		18600	2400	29400	36000
Heating Capacity	Watts		6500	7700	9500	10700
	BTU/h		22200	26300	32400	36500
Power Supply	Volts		240	240	240	240
Phase-Frequency	Ph- Hz		1-50	1-50	1-50	1-50
Power Supply Attachment			Outdoor	Outdoor	Outdoor	Outdoor
Interconnect Wires-Size			4 - 1.5	4 - 1.5	4 - 1.5	4 - 1.5
Recommended Min Power Cable Size	mm ²		2.5	4	4	4
Running Current	Cooling Amps		9.2	11.8	14	22
	Heating Amps		9.5	10.5	13	20
Input	Cooling Watts		1980	2730	3100	4350
	Heating Watts		2100	2400	2850	3450
Moisture Removal	l/hr		1.6	2.5	3	3.0
E.E.R.	Cooling		2.75	2.58	2.74	2.41
C.O.P.	Heating		3.1	3.21	3.33	3.1
Star Rating	Cooling		3.5	3	3.5	2
	Heating		3.5	4	4	3.5
Air Circulation	L/s		294	350	390	780
Ex Static Pressure	Pa		0-70	30-150	30-150	100-250
Compressor Type			Rotary	Rotary	Rotary	Reciprocating
Dimensions and Weights	I.U.	Height mm	217	270	270	400
		Width mm	953	1135	1135	1250
		Depth mm	595	700	700	800
		Net Weight kg	25	43	43	75
	O.U.	Height mm	650	650	835	1152
		Width mm	830	830	900	940
		Depth mm	320	320	330	370
		Net Weight kg	52	59	74	103
Ductwork Connection Size	Supply mm		600 x 150	1065 x 202	1065 x 202	1063 x 295
	Return mm		Bulkhead	1015 x 240	1015 x 240	1063 x 295
I.U. Sound Pressure Level	dB(A)@1m		44	38	40	42
O.U. Sound Pressure Level	dB(A)@1m		53	53	52	57
O.U. Sound Power Level	dB(A)		64	55	64	72
Refrigerant Type			R410A	R410A	R410A	R22
Connection Pipe Sizes	Gas mm		15.88	15.88	15.88	19.05
	Liquid mm		6.35	9.52	9.52	9.52
Maximum Pipe Length	Metre		20	25	30	50
Maximum Pipe Height	Metre		8	15	15	30
Pre-Charge Piping Length	Metre		7.5	7.5	7.5	20
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	-7 to 24	-7 to 24	-8 to 24
Soft Starter			No	Yes	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. 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

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.