

FUJITSU Cassette Type



Unit



AUT30/36/45/54



Remote Controller



Wired controller.

Outdoor Units



For AUT30/36

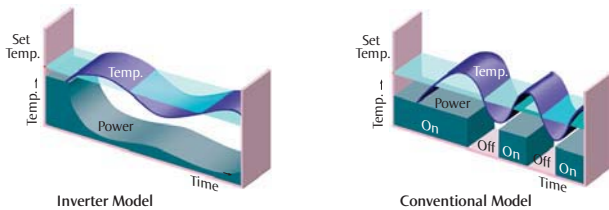


For AUT45/54

Highly Energy Efficient

The Inverter Cassette Type Split System models are a single phase type, 240 volt 50 hertz air conditioners. The inverter split systems are highly energy efficient, as the inverter component, allows the system to vary the outdoor unit's compressor speed and output to match the required demand of the indoor unit. Thus, the inverter model can achieve up to 30% more operating efficiency than conventional models and therefore, is much cheaper to run.

Power and Speed



High performance and compact size

Three functions are combined in one unit.

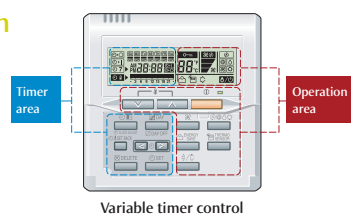


Built-in timers

<p>Weekly timer</p> <p>Possible to set ON/OFF time to operate twice each day of the week.</p> <p>Easy-to-understand time bar display</p> <p>Screen after setup</p> <p>Setup screen example (Set to Wednesday: 8:00 to 20:00.)</p>	<p>Setback timer</p> <p>Possible to set temperature for two time spans and for each day of the week.</p> <p>Screen after setup</p> <p>Setup screen example (Set from Sunday to Saturday: 12:00 to 15:00, 28 °C)</p>
<p>At "Weekly timer" + "Set back timer" setup</p>	

Easy-to-understand operation

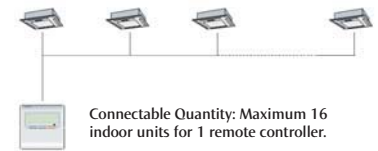
The operation/display sections are zoned according to time and operation, enabling variable programming to match application.



Variable timer control

Group Controller

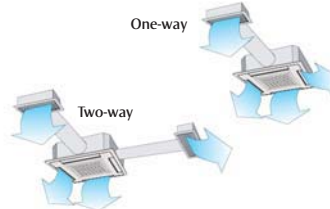
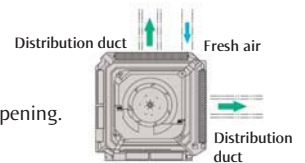
One remote controller can control up to 16 air conditioners. All of the air conditioners will be operated with the same settings.



Connectable Quantity: Maximum 16 indoor units for 1 remote controller.

Duct Connection Hole Opening

Fresh air can be introduced through this opening.



Conditioned air can be distributed by means of a distribution duct.

4-way Air Flow System



Controller Features

- Various timer set-up (ON/OFF/WEEKLY) are possible.
- Equipped with weekly timer as standard function. (2 times Start/ Stop per day for a week).
- When setting up timer, operation mode and a temperature setup can be changed.
- When a failure occurs, the error code is displayed. (Maximum of 16)
- Up to 16 units can be simultaneously controlled.
- Anti freeze and energy saving operation are possible.
- Inbuilt thermo sensor.

CASSETTE MODELS

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FUJITSU























SPECIFICATIONS

Type		INVERTER CASSETTE	INVERTER CASSETTE	INVERTER CASSETTE	INVERTER CASSETTE
Model No.	Indoor Unit	AUT30LUAS	AUT36LUAS	AUT45LUAS	AUT54LUAS
	Outdoor Unit	AOT30LMAWL	AOT36LMAWL	AOT45LJBYL	AOT54LJBYL
Reverse Cycle System		Yes	Yes	Yes	Yes
Cooling Capacity	Watts	8500 (3000-10000)	10000 (5000-11200)	12500 (3500-14000)	14000 (6400-14500)
	BTU/h	29000(10200-34100)	34100 (17100-38200)	42700(11950-47800)	47800 (21850-49500)
Heating Capacity	Watts	10000 (3000-11200)	11200 (5150-12770)	14000 (4000-16000)	16000 (4000-16500)
	BTU/h	34100 (10200-38200)	38200 (17600-43600)	48000 (13700-54600)	54600 (13700-56300)
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 cable size	Qty-mm ²	4 - 2.5	4 - 2.5	4 - 2.5	4 - 2.5
Recommended min. power cable size	mm ²	4	4	6	6
Running Current	Cooling Amps	12 (4.6 - 14.6)	16.8 (4.6 - 17.5)	18.6 (7.1 - 22.6)	23.5 (7.1-24.0)
	Heating Amps	11.9 (4.3 -14.6)	14.6 (4.3- 17.5)	16.6 (6.3-20.0)	20.4 (6.3 -21.8)
Input	Cooling Watts	2860 (1080 - 3500)	4010 (1080 - 4200)	4450 (1700 - 5150)	5600 (1700 - 5700)
	Heating Watts	2840 (1000 - 3500)	3490 (1000 - 4200)	3950 (1500 - 4600)	4850 (1500 - 5200)
Moisture Removal	l/hr	3	4	4.5	5.5
E.E.R.	Cooling	2.97	2.49	2.81	2.50
C.O.P.	Heating	3.52	3.21	3.54	3.30
Star Rating	Cooling	4	2.5	3.5	2.5
	Heating	5	4	5	4
Fan Speeds		3	3	3	3
Air Circulation	High	l/s	430	486	486
Compressor Type		DC Twin Rotary	DC Twin Rotary	DC Scroll	DC Scroll
Dimensions and Weights	I.U.	Height mm	296	296	296
		Width mm	830	830	830
		Depth mm	830	830	830
		Net Weight kg	37	37	40
	O.U.	Height mm	830	830	1290
		Width mm	900	900	900
		Depth mm	330	330	330
		Net Weight kg	64	64	105
I.U. Sound Pressure Level - High		dBA@1m	48	48	51
I.U. Sound Pressure Level - Medium		dBA@1m	44	44	49
I.U. Sound Pressure Level - Low		dBA@1m	41	41	46
O.U. Sound Pressure Level		dBA@1m	55	55	54
O.U. Sound Power Level		dBA	68	68	67
Refrigerant Type			R410A	R410A	R410A
Connection Pipe Sizes	Gas	mm	15.88	15.88	15.88
	Liquid	mm	9.52	9.52	9.52
Pre Charged Length			15	15	20
Minimum Pipe Length	Metre		5	5	5
Maximum Pipe Length	Metre		50	70	70
Maximum Pipe Height	Metre		30	30	30
Pipe Connection Methods			Flare	Flare	Flare
Outdoor operating Temp.	Cooling	Degrees C	-10 to 43	-10 to 43	-15 to 43
	Heating	Degrees C	-10 to 24	-10 to 24	-15 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. 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 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.	 Auto-Changover The unit automatically switches between heating and cooling modes based on your temperature setting and the room temperature.	 Weekly + Setback Timer Weekly + Setback timer can set temperature for two times 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.	 Sleep Timer The micro-computer gradually changes the room temperature automatically to afford a comfortable night's sleep.	 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.	 Program Timer This digital timer allows selection of one of four options. ON, OFF, ON → OFF, or OFF → ON.	 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.		 Fresh air intake Fresh air can be taken in by a fan which can be connected using UTD-ECS5A (option parts).	