FUJITSU

AUSTRALIA'S FAVOURITE AIR™

AIR CONDITIONING RANGE

Nocria

Wall Mounted

Cassette

Ceiling & Floor Console

Multi Systems

Fujitsu leads the way

Fujitsu leads the way in design and technology with its most exciting range of innovative air conditioners.

With a choice of individual and advanced systems in a variety of configurations, Fujitsu can provide the perfect solution for any environment.

Whether it's heating or cooling, come home to Fujitsu comfort.

Features

Up/Down Swing Louvre
The up/down louvre automatically swings up and down.

Right/Left Swing Louvre
The right/left louvre automatically swings in either direction.

Double Swing Automatic
Complex swing action of the louvres enables them to swing automatically in both horizontal and vertical directions.

Automatic Louvre
The position of the louvres is set automatically to match the operating mode. It is also possible to adjust the louvres using the remote control.

Auto Shut Louvre
The auto shut louvres close or open automatically when the unit stops or starts.

Automatic Air Flow Adjustment
The micro-processor automatically adjusts the air flow to follow 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 the power is restored.

Auto-Changeover
The unit automatically switches between heating and cooling modes based on the temperature setting and room temperature.

Sleep Timer
The micro-processor gradually changes the room temperature, allowing you to sleep comfortably at night.

Program Timer
This timer allows selection of one of four options. ON, OFF, ON ––> OFF, or OFF ––> ON.

ON-OFF Timer
ON-OFF timer can be set to operate once every 24 hours.

Weekly Timer
Different on-off times can be set for up to 7 days.

All DC
With All DC, electricity loss is decreased and power consumption reduced.

Weekly + Setback Timer
Weekly + Setback timer can set temperature for two time spans and for each day of the week.

Washable Panel

Long-life Ion deodorisation filter
For details, see page 13.

Apple-catechin filter
For details, see page 13.

V-PAM
V-Pam Inverter technology increases the maximum output of the compressor significantly and enables high power and high efficiency.

I-PAM
I-Pam inverter technology enables high output and high efficiency performance.

Cooling

Heating

"With over 100 different brands of air conditioners on the market, how do you know you're choosing the right one? Well, my advice is to go with a name you can trust, which is why I bought a Fujitsu.

No other company can match their wide range, exceptional economy and superior efficiency. And with their famous 5 year parts and labour warranty, it's no wonder Fujitsu is Australia's Favourite Air."

Mark Taylor

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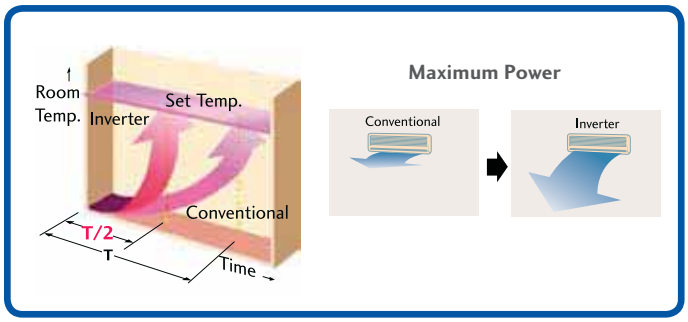
Inverter Technology

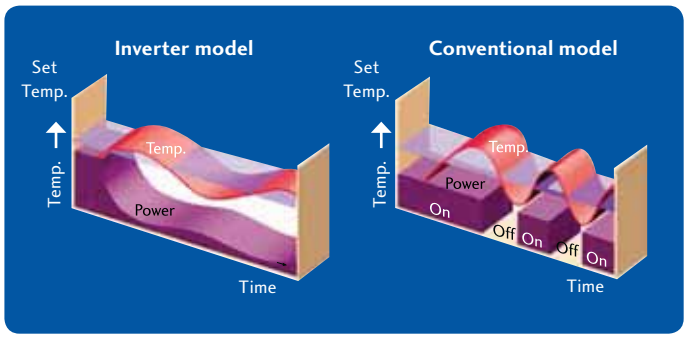
What's an inverter?

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.

Room warming speed



Power and speed



Inverter control

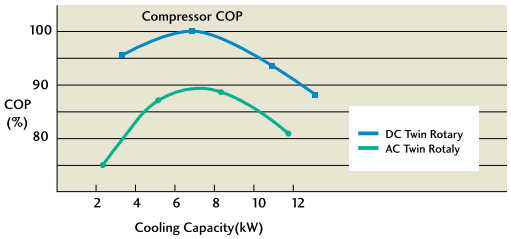
The Inverter component allows the outdoor unit to vary its speed and output to match the required capacity of the indoor unit. Thus, the Inverter model can achieve 30% more operating efficiency than conventional models and therefore, is much cheaper to run.

DC twin rotary compressor

The Fujitsu Inverter System is equipped with a state of the art DC twin rotary compressor. It can reach the room temperature you set 15%* quicker than conventional models and precisely maintain it at a difference of just 0.5˚C. Advanced DC twin rotary compressor makes operation at high power and high efficiency a reality.

DC twin rotary compressor

Comparison of cooling efficiency of DC computer (against AC compressor)



*Depends on room size and heat load.

High Energy Efficiency

The high efficiency DC Inverter Multi System offers energy saving operation and 50% higher efficiency than a constant-speed multi system. Improved Inverter cooling ratio prevents a drop in capacity when operating under load conditions.

Comfort & Stability

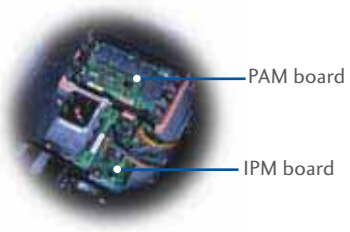
The air conditioner's output is stabilised at the optimum setting within the range from maximum to minimum to match the load, which is affected by factors such as the room temperature and the number of people present.

Energy savings over 1 year

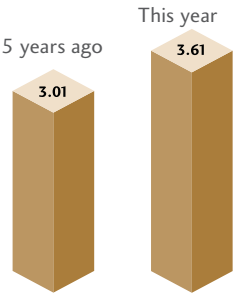
I-PAM

Through advances in our inverter technology, Fujitsu has now introduced I-PAM (Intelligent Power Module-Pulse Amplitude Modulation) technology. I-PAM is able to extract superior performance capabilities by adding an IPM board to conventional inverter PAM control.

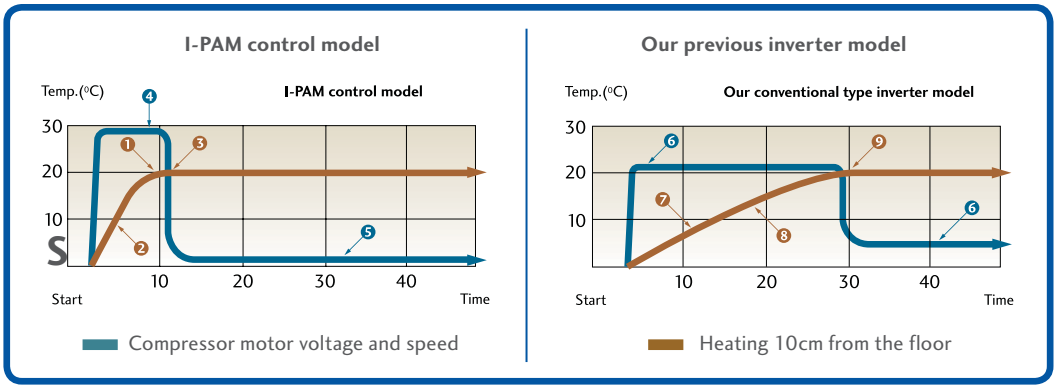
I-PAM control panel



COP (Coefficient of Performance)



Energy saving and speedy heating only possible by I-PAM



I-PAM

1. Heats in approximately 1/3 of the time of our previous inverter models.
2. Rises rapidly.
3. Pleasant temperature in 10 minutes.
4. High power operation.
5. Energy saving operation.

Previous Inverter

6. Incomplete energy saving.
7. Still cold.
8. Temperature rise is slow.
9. Pleasant temperature in approximately 30 minutes.

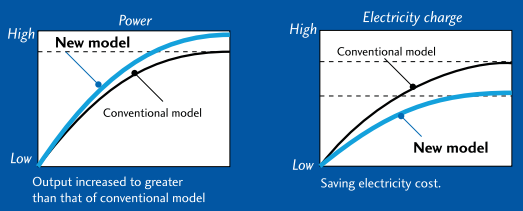
V-PAM

V-PAM inverter increases the maximum output of the compressor significantly and enables high power and high efficiency.

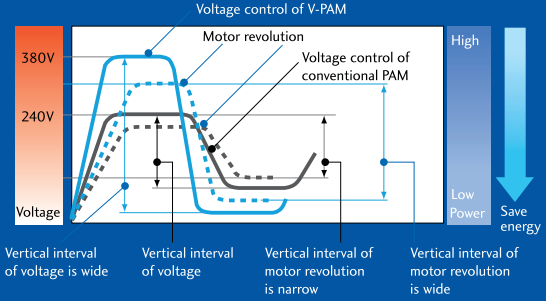
G V-PAM

V-PAM technology makes the compressor more powerful.

H More compact than conventional models.



Comparison between V-PAM &conventional PAM



Conventional PAM

Control range between energy saving and high power is small because vertical interval of voltage and motor revolution is narrow.

V-PAM

V-PAM achieves high power by increasing the voltage up to 380V and making the motor rotate faster and also saves energy in the stable state by making the motor rotate slower than that of conventional models by lowering the voltage.

Automatic filter cleaning air conditioner

The revolutionary NOCRIA ceiling wall models have vastly improved heating and cooling efficiency and energy saving. These elegant units are designed to sit very high on the wall, just 40mm below the ceiling and remain very unobtrusive. The automatic self cleaning filter system ensures highly efficient operation and the UV filter disinfects and deodorises the air.

Inverter Nocria Ceiling Wall

AWTZ14LB
Hi-EER: 4.12 (W/W)
Hi-COP: 4.44 (W/W)
C 4.20kW/14,300 BTU/h
H 6.00kW/20,500 BTU/h

AWTZ18LB
Hi-EER: 3.29 (W/W)
Hi-COP: 4.11(W/W)
C 5.20kW/17,700 BTU/h
H 6.70kW/22,900 BTU/h

AWTZ24LB
Hi-EER: 3.01 (W/W)
Hi-COP: 3.62 (W/W)
C 7.40kW/25,200 BTU/h
H 8.50kW/29,000 BTU/h

Up/Down · Double · Auto flaps · Auto Shut flaps · Adjust · Restart · Auto Changeover · Sleep · Program · Wash

Wireless R.C

For AWTZ14/18/24

Available only from selected outlets.

Features & Benefits

A Energy saving by automatic filter cleaning function

This function allows an energy saving of more than 25% a year and maintains a smooth air flow by preventing the filters from being clogged with dust.

B Computer-designed fan provides a larger air flow than conventional models

New air trunk, which provides a smooth air flow & gap fan motor increase the maximum air flow by 10% over that of conventional models.

CAE: Computer Aided Engineering

C Axial gap fan motor enables non-conventional high power and high efficiency

Axial gap method

Rotor plates are installed above & below electromagnets.

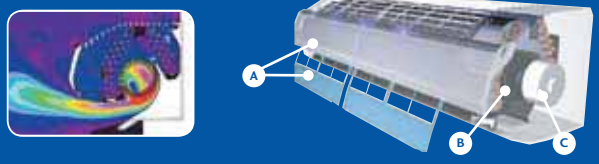
Features

(Compared to conventional models)

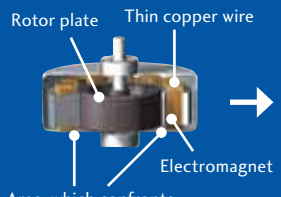
- Compact size with 1.5 times more power output.
- Self-driven method increases rotating efficiency by 10%.
- Our electromagnetic field simulation technology enables low vibration and low noise.

Our unique technology achieved top energy efficiency in the industry.

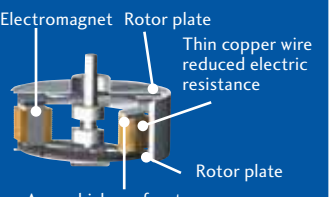
CAE Analysis



Conventional motor
Rotor is bounded by electromagnet.



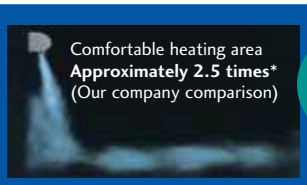
New Model



Inverter Nocria Ceiling Wall

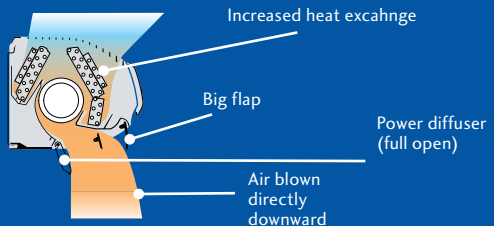
TYPE	MODEL	UNITS		INVERTER	
Model No.	Indoor Unit			AWTZ14LBC	AWTZ18LBC	AWTZ24LBC
	Outdoor Unit			AOTZ14LBL	AOTZ18LBL	AOTZ24LBT
Reverse Cycle System				Yes	Yes	Yes
Cooling Capacity			Watts	4,200	5,200	7,400
			BTU/h	14,300	17,700	25,200
Range			Watts	900-5,300	900-5,900	900-8,000
			BTU/h	3,100-18,100	3,100-20,100	3,100-27,300
Heating Capacity			Watts	6,000	6,700	8,500
			BTU/h	20,500	22,900	29,000
Range			Watts	900-9,100	900-9,700	900-11,000
			BTU/h	3,100-31,000	3,100-33,100	3,100-37,500
Power Supply			Volts	240	240	240
Phase-Frequency			Ph- Hz	1-50	1-50	1-50
Power Supply Attachment				Indoor	Indoor	Outdoor
Plug Size (If Applicable)			Amps	15 amp plug	15 amp plug	NA
Running Current	Cooling			4.3	6.6	10.4
	Range		Amps	Max 8.5	Max 8.5	Max 12.5
	Heating			5.7	6.9	9.9
	Range			Max 14	Max 14	Max 17.5
Input	Cooling			1,020	1,580	2,460
	Range		Watts	90-1,750	90-2,000	110-2,620
	Heating			1,350	1,630	2,350
	Range			90-2,950	90-3,200	110-3,680
Moisture Removal				2.1	2.8	3
E.E.R.	Cooling			4.12	3.29	3.01
C.O.P.	Heating			4.44	4.11	3.62
Star Rating	Cooling			3	1.5	1
	Heating			4	3	2.5
Fan Speeds				5	5	5
Air Circulation	High	l/s		236	236	244
Compressor Type				Rotary	Rotary	Rotary
Dimensions and Weights			Height	250	250	250
			I.U. mm	899	899	899
			Depth	298	298	298
	Net Weight		kg	13.5	13.5	14
			Height	578	578	830
			O.U. mm	790	790	900
			Depth	300	300	330
	Net Weight		kg	39	39	62
I.U. Sound Pressure Level			dBA@1metre	46	46	47
O.U. Sound Pressure Level			dBA@1metre	46	47	53
O.U. Sound Power Level			dBA	65	65	68
Refrigerant	Type			R410A	R410A	R410A
Connection Pipe Sizes	Gas		mm	12.7	12.7	15.88
	Liquid			6.35	6.35	6.35
Pre Charged Length				15	15	15
Minimum Pipe Length			Metre	3	3	3
Maximum Pipe Length				20	20	30
Maximum Pipe Height				15	15	20
Pipe Connection Methods				Flare	Flare	Flare
Outdoor operating Temp.	Cooling	Degrees C		-10 to 43	-10 to 43	-10 to 43
	Heating	Degrees C		-15 to 24	-15 to 24	-15 to 24

Strong vertical air flow provides powerful floor level heating.



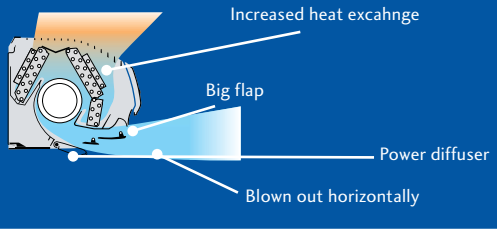
No.1 Heating capacity

*Compared to Inverter Model AST13PSACW.



Healthy horizontal air flow does not blow cool air directly at the occupants in the room.

*Compared to Inverter Model AST13PSACW.



INVERTER WALL MOUNTED PLASMA

ASTB09LD
Hi-EER: 4.26 (W/W)
Hi-COP: 4.44 (W/W)
C 2.60kW/8,900 BTU/h
H 3.60kW/12,300 BTU/h

ASTB12LD
Hi-EER: 3.85 (W/W)
Hi-COP: 3.93 (W/W)
C 3.50kW/11,900 BTU/h
H 4.80kW/16,400 BTU/h

ASTB18LD
Hi-EER: 3.02 (W/W)
Hi-COP: 3.61 (W/W)
C 5.20kW/17,700 BTU/h
H 6.25kW/21,300 BTU/h

Up/Down · Auto flaps · Auto Shut flaps · Adjust · Restart · Auto Changeover · Sleep · Program · Wash

Wireless R.C

For ASTB09/12LD

For ASTB18LD

Available only from selected outlets.

Inverter Wall Mounted Plasma

ASTB24LD
Hi-EER: 3.01 (W/W)
Hi-COP: 3.51 (W/W)
C 7.40kW/25,300 BTU/h
H 8.50kW/29,000 BTU/h

ASTB30LD
Hi-EER: 3.05 (W/W)
Hi-COP: 3.41 (W/W)
C 8.10kW/27,600 BTU/h
H 9.20kW/31,400 BTU/h

Up/Down · Auto flaps · Auto Shut flaps · Adjust · Double · Restart · Auto Changeover · Sleep · Program · Wash

Wireless R.C

For ASTB24LD

For ASTB30LD

Available only from selected outlets.

INVERTER WALL MOUNTED

Inverter Wall Mounted

ASTA09LC
Hi-EER: 3.97 (W/W)
Hi-COP: 4.26 (W/W)
C 2.60kW/8,900 BTU/h
H 3.60kW/12,300 BTU/h

ASTA12LC
Hi-EER: 3.80 (W/W)
Hi-COP: 3.87 (W/W)
C 3.50kW/11,900 BTU/h
H 4.80kW/16,400 BTU/h

ASTA18LC
Hi-EER: 3.02 (W/W)
Hi-COP: 3.61 (W/W)
C 5.20kW/17,700 BTU/h
H 6.25kW/21,300 BTU/h

Up/Down · Auto flaps · Auto Shut flaps · Adjust · Restart · Auto Changeover · Sleep · Program · Wash · Ion

Wireless R.C

For ASTA09LC

For ASTA12LC

For ASTA18LC

Inverter Wall Mounted

ASTA24LF
Hi-EER: 3.27 (W/W)
Hi-COP: 3.54 (W/W)
C 7.1kW/24,200 BTU/h
H 8.00kW/27,300 BTU/h

ASTA30LF
Hi-EER: 3.10 (W/W)
Hi-COP: 3.41 (W/W)
C 8.00kW/27,300 BTU/h
H 9.00kW/30,700 BTU/h

Double · Up/Down · Auto flaps · Auto Shut flaps · Adjust · Restart · Auto Changeover · Sleep · Program · Wash · Ion · AF

Wireless R.C

Optional

Wired R.C

For ASTA24

For ASTA30

Inverter Wall Mounted

ASTA09LFC
Hi-EER: 5.20 (W/W)
Hi-COP: 4.80 (W/W)
C 2.60 kW / 8,900 BTU/h
H 3.60 kW / 12,300 BTU/h

ASTA12LFC
Hi-EER: 4.22 (W/W)
Hi-COP: 4.00 (W/W)
C 3.50 kW / 11,900 BTU/h
H 4.80 kW / 16,400 BTU/h

Economy · Sleep · Program · W+S · Ion · AF · Coil Dry · Wash · Restart · Adjust · Up/Down · Auto Changeover · 10°C HEAT

Wireless R.C

Optional

Wired R.C

For ASTA09/12LF

ALL DC Simple design with energy saving

FOR SPECIFICATIONS PLEASE TURN OVERLEAF

Features & Benefits

Easy maintenance

Since the front panel is easy to remove, maintenance is also easy.

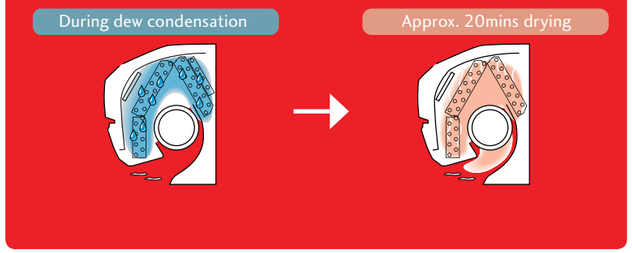
ASTA09/12/18LC

ASTA24/30LF

Inner drying operation

This model is equipped with an inner drying function. After the power is turned off, the drying operation starts inside the air conditioner.

This helps prevent the growth of mould and bacteria inside the indoor unit.



Features & Benefits

The following features apply to ASTA24LF model

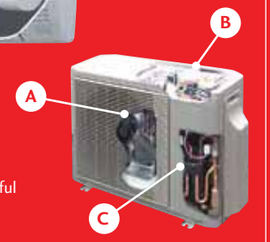
A **DC fan motor**

B **V-PAM control**

V-PAM technology makes a compressor more powerful

C **DC twin rotary compressor**

More compact compared with conventional model

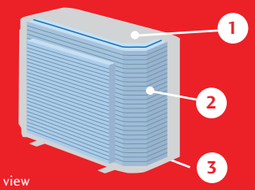


Front view

High efficiency layout

Large air flow and quiet operation by new air flow path.

New 3-row heat exchange system



Back view

Inverter Wall Mounted Plasma

Type	Model	Units	INVERTER				
Model No.	Indoor Unit		ASTB09LDC	ASTB12LDC	ASTB18LDC	ASTB24LDC	ASTB30LDC
	Outdoor Unit		AOTS09LDC	AOTS12LDC	AOTS18LDL	AOTS24LDL	AOTS30LDT
Reverse Cycle System			Yes	Yes	Yes	Yes	Yes
Cooling Capacity		Watts	2,600	3,500	5,200	7,400	8,100
		BTU/h	8,900	11,900	17,700	25,300	27,600
Range		Watts	500-3,700	900-4,300	900-5,700	900-8,000	2,900-9,000
		BTU/h	1,700-12,600	3,100-14,700	3,100-19,400	3,100-27,300	9,900-30,700
Heating Capacity		Watts	3,600	4,800	6,250	8,500	9,200
		BTU/h	12,300	16,400	21,300	29,000	31,400
Range		Watts	500-6,100	900-6,700	900-9,100	900-10,600	2,200-11,000
		BTU/h	1700-20,800	3,100-22,900	3,100-31,000	3,100-36,200	7,500-37,500
Power Supply		Volts	240	240	240	240	240
Phase-Frequency		Ph- Hz	1-50	1-50	1-50	1-50	1-50
Power Supply Attachment			Indoor	Indoor	Indoor	Outdoor	Outdoor
Plug Size (If Applicable)		Amps	10 amp plug	15 amp plug	15 amp plug	NA	NA
Running Current	Cooling	Amps	2.8	4.1	7.3	10.4	11.2
	Range		Max 6	Max 7	Max 9	Max 12	Max 18.5
	Heating		3.7	5.3	7.4	10.2	11.4
	Range		Max 8.5	Max 10	Max 13.5	Max 17.5	Max 18.5
Input	Cooling	Watts	610	910	1,720	2,460	2,660
	Range		250-1,380	250-1,610	90-2,000	110-2,620	580-4,300
	Heating		810	1,220	1,730	2,420	2,700
	Range		250-1,960	250-2,300	90-2,660	110-3,680	500-4,300
Moisture Removal		l/hr	1.3	1.8	2.8	3	3
E.E.R.	Cooling		4.26	3.85	3.02	3.01	3.05
C.O.P.	Heating		4.44	3.93	3.61	3.51	3.41
Star Rating	Cooling		3.5	2.5	1	1	1.5
	Heating		3.5	3	2.5	2	2
Fan Speeds			4	4	4	4	4
Air Circulation	High	l/s	155	165	194	325	325
Compressor Type			Rotary	Rotary	Rotary	Scroll	Rotary
Dimensions and Weights		Height	283	283	283	320	320
	I.U. mm	Width	790	790	790	998	998
		Depth	230	230	230	228	228
	Net Weight	kg	9.5	9.5	9.5	14	14
		Height	540	540	578	578	830
	O.U. mm	Width	790	790	790	790	900
		Depth	290	290	300	315	330
	Net Weight	kg	34	36	40	44	62
I.U. Sound Pressure Level		dBA@1metre	39	41	42	49	49
O.U. Sound Pressure Level		dBA@1metre	47	47	50	52	54
O.U. Sound Power Level		dBA	65	67	68	69	69
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A
Connection Pipe Sizes	Gas	mm	9.52	9.52	12.7	15.88	15.88
	Liquid		6.35	6.35	6.35	6.35	9.52
Pre Charged Length		Metre	15	15	15	15	20
Minimum Pipe Length			3	3	3	3	5
Maximum Pipe Length			20	20	20	30	50
Maximum Pipe Height			15	15	15	20	30
Pipe Connection Methods			Flare	Flare	Flare	Flare	Flare
Outdoor operating Temp.	Cooling	Degrees C	-10 to 43	-10 to 43	-10 to 43	-10 to 43	-10 to 43
	Heating	Degrees C	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24

Inverter Wall Mounted

TYPE	MODEL	UNITS	INVERTER	
Model No.	Indoor Unit		ASTA09LFC	ASTA12LFC
	Outdoor Unit		AOTR09LFC	AOTR12LFC
Reverse Cycle System			Yes	Yes
Cooling Capacity		Watts	2,600	3,500
		BTU/h	8,900	11,900
Range		Watts	500-3,700	900-4,300
		BTU/h	1,700-12,600	3,100-14,700
Heating Capacity		Watts	3,600	4,800
		BTU/h	12,300	16,400
Range		Watts	500-6,500	900-7,100
		BTU/h	1,700-22,200	3,100-24,200
Power Supply		Volts	240	240
Phase-Frequency		Ph- Hz	1-50	1-50
Power Supply Attachment			Indoor	Indoor
Plug Size (If Applicable)		Amps	10	15
Running Current	Cooling	Amps	2.4	3.7
	Range		max 6.0	max 7.0
	Heating		3.4	5.2
	Range		max 8.5	max 10.0
Input	Cooling	Watts	500	830
	Range		250-1,360	250-1,610
	Heating		750	1,200
	Range		250-1,980	250-2,350
Moisture Removal		l/Hr	1.3	1.8
E.E.R.	Cooling		5.2	4.22
C.O.P.	Heating		4.8	4
Star Rating	Cooling		5	4.5
	Heating		3.5	3
Fan Speeds			4	4
Air Circulation	High	l/s	213	213
Compressor Type			Rotary	Rotary
Dimensions and Weights		Height	295	295
	I.U. mm	Width	790	790
		Depth	215	215
	Net Weight	kg	9.5	9.5
		Height	620	620
	O.U. mm	Width	790	790
		Depth	298	298
	Net Weight	kg	37	37
I.U. Sound Pressure Level		dBA@1metre	46	46
O.U. Sound Pressure Level		dBA@1metre	48	49
O.U. Sound Power Level		dBA	63	66
Refrigerant	Type		R410A	R410A
Connection Pipe Sizes	Gas	mm	9.52	9.52
	Liquid		6.35	6.35
Pre Charged Length		Metre	15	15
Minimum Pipe Length			3	3
Maximum Pipe Length			20	20
Maximum Pipe Height			15	15
Pipe Connection Methods			Flare	Flare
Outdoor operating Temp.	Cooling	Degrees C	-10 to 46	-10 to 46
	Heating	Degrees C	-15 to 24	-15 to 24

Inverter Wall Mounted

Type	Model	Units	INVERTER				
Model No.	Indoor Unit		ASTA09LCC	ASTA12LCC	ASTA18LCC	ASTA24LFC	ASTA30LFC
	Outdoor Unit		AOTR09LCC	AOTR12LCC	AOTR18LCL	AOTR24LFL	AOTR30LFT
Reverse Cycle System			Yes	Yes	Yes	Yes	Yes
Cooling Capacity		Watts	2,600	3,500	5,200	7,100	8,000
		BTU/h	8,900	11,900	17,700	24,200	27,300
Range		Watts	500-3,600	900-4,300	900-5,700	900-8,300	2,900-9,000
		BTU/h	1,700-12,300	3,100-14,700	3,100-19,400	3,100-28,300	9,900-30,700
Heating Capacity		Watts	3,600	4,800	6,250	8,000	9,000
		BTU/h	12,300	16,400	21,300	27,300	30,700
Range		Watts	500-5,300	900-6,700	900-9,100	900-10,600	2,200-11,000
		BTU/h	1,700-18,100	3,100-22,900	3,100-31,000	3,100-36,200	7,500-37,600
Power Supply		Volts	240	240	240	240	240
Phase-Frequency		Ph- Hz	1-50	1-50	1-50	1-50	1-50
Power Supply Attachment			Indoor	Indoor	Indoor	Outdoor	Outdoor
Plug Size (If Applicable)		Amps	10 amp plug	15 amp plug	15 amp plug	NA	NA
Running Current	Cooling	Amps	3	4.1	7.3	9.1	10.9
	Range		Max 6	Max 7	Max 9	Max 13.5	Max 17
	Heating		3.9	5.4	7.4	9.5	11.1
	Range		Max 8.5	Max 10	Max 13.5	Max 18.5	Max 19.0
Input	Cooling	Watts	655	920	1,720	2,170	2,580
	Range		250-1,380	250-1,610	90-2,000	300-3,210	580-4,040
	Heating		845	1,240	1,730	2,260	2,640
	Range		250-1,960	250-2,300	90-2,660	280-4,400	500-4,510
Moisture Removal		l/hr	1.3	1.8	2.8	2.7	3.2
E.E.R.	Cooling		3.97	3.8	3.02	3.27	3.1
C.O.P.	Heating		4.26	3.87	3.61	3.54	3.41
Star Rating	Cooling		3	2.5	1	2	1.5
	Heating		3.5	3	2.5	2.5	2
Fan Speeds			4	4	4	4	4
Air Circulation	High	l/s	165	176	194	305	305
Compressor Type			Rotary	Rotary	Rotary	Rotary	Rotary
Dimensions and Weights		Height	275	275	275	320	320
	I.U. mm	Width	790	790	790	998	990
		Depth	215	215	215	228	228
	Net Weight	kg	9	9	9	14	14
		Height	540	540	578	578	830
	O.U. mm	Width	660	790	790	790	900
		Depth	290	290	300	315	330
	Net Weight	kg	32	37	40	43	61
I.U. Sound Pressure Level		dBA@1metre	41	42	44	47	48
O.U. Sound Pressure Level		dBA@1metre	47	47	50	53	53
O.U. Sound Power Level		dBA	65	67	68	68	69
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A
Connection Pipe Sizes	Gas	mm	9.52	9.52	12.7	15.88	15.88
	Liquid		6.35	6.35	6.35	6.35	9.52
Pre Charged Length		Metre	15	15	15	15	20
Minimum Pipe Length			3	3	3	3	5
Maximum Pipe Length			20	20	20	30	50
Maximum Pipe Height			15	15	15	20	30
Pipe Connection Methods			Flare	Flare	Flare	Flare	Flare
Outdoor operating Temp.	Cooling	Degrees C	10 to 43	10 to 43	-10 to 43	-10 to 46	-10 to 46
	Heating	Degrees C	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24

Energy efficient Fujitsu Comfort

The Fujitsu smart Inverter range reaches the desired room temperature faster and then constantly adjusts to maintain perfect Fujitsu Comfort. With its energy efficiency, it is up to 30% cheaper to run than conventional air conditioners.

Inverter Wall Mounted Cooling Only

ASTA07JEC
Hi-EER: 4.04 (W/W)
C 2.10kW/7,200 BTU/h

ASTA09JEC
Hi-EER: 3.51 (W/W)
C 2.60kW/8,900 BTU/h

ASTA12JEC
Hi-EER: 3.43 (W/W)
C 3.50kW/11,900 BTU/h

Up/Down · Auto flaps · Auto Shut flaps · Adjust · Restart · Auto Changeover · Sleep · Program · Wash · Ion

Wireless R.C

For ASTA07/09

For ASTA12

Inverter Wall Mounted Cooling Only

ASTA18JC
Hi-EER: 3.69 (W/W)
C 5.20kW/17,700 BTU/h

ASTA24JC
Hi-EER: 3.21 (W/W)
C 7.10kW/24,200 BTU/h

ASTA30JF
Hi-EER: 3.20 (W/W)
C 8.00kW/27,300 BTU/h

ASTA34JF
Hi-EER: 3.033 (W/W)
C 9.40kW/32,100 BTU/h

Double · Up/Down · Auto flaps · Auto Shut flaps · Adjust · Restart · Auto Changeover · Sleep · Program · Wash · Ion · AF

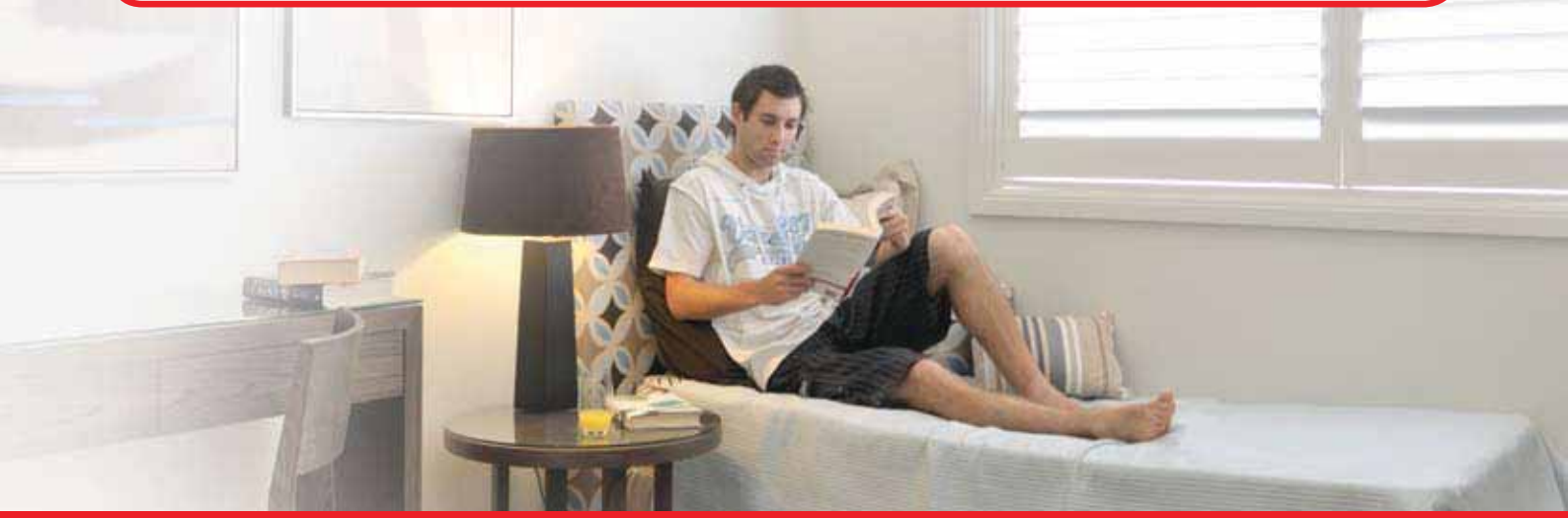
Wireless R.C

Optional

Wired R.C

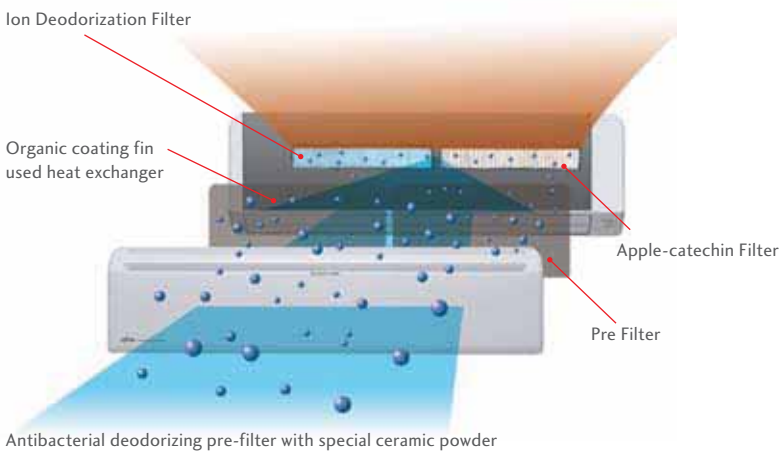
For ASTA18/24

For ASTA30/34



Features & Benefits

Air conditioner filter features



Long-life* Ion Deodorization Filter

The filter deodorizes by powerfully decomposing absorbed odors using the oxidizing and reducing effects of ions generated by the ultra-fine-particle ceramic.

*The filter can be used for approx. 3 years if it is washed under water to restore its surface action when it is dirty.

Apple-catechin Filter

Fine dust, invisible mold spores, and harmful microorganisms are absorbed onto the filter by static electricity, and further growth is inhibited and deactivated by the polyphenol extracted from apples.

Inverter Wall Mounted Cooling only

Type	Model	Units	INVERTER						
Model No.	Indoor Unit		ASTA07JEC	ASTA09JEC	ASTA12JEC	ASTA18JCC	ASTA24JCC	ASTA30JFC	ASTA34JFC
	Outdoor Unit		AOTR07JEC	AOTR09JEC	AOTR12JEC	AOTR18JCC	AOTR24JCC	AOTR30JFT	AOTR34JFT
Reverse Cycle System			No	No	No	No	No	No	No
Cooling Capacity		Watts	2,100	2,600	3,500	5,200	7,100	8,000	9,400
		BTU/h	7,200	8,900	11,900	17,700	24,200	27,300	32,100
Range		Watts	500-3,000	500-3,200	900-4,000	900-6,000	900-8,000	2,900-9,000	2,900-10,000
		BTU/h	1,700-10,200	1,700-10,900	3,100-13,600	3,100-20,400	3,100-27,300	9,900-30,700	9,900-34,100
Heating Capacity		Watts	-	-	-	-	-	-	-
		BTU/h	-	-	-	-	-	-	-
Range		Watts	-	-	-	-	-	-	-
		BTU/h	-	-	-	-	-	-	-
Power Supply		Volts	240	240	240	240	240	240	240
Phase-Frequency		Ph- Hz	1-50	1-50	1-50	1-50	1-50	1-50	1-50
Power Supply Attachment			Indoor	Indoor	Indoor	Outdoor	Outdoor	Outdoor	Outdoor
Plug Size (If Applicable)		Amps	10 amp plug	10 amp plug	10 amp plug	NA	NA	NA	NA
Running Current	Cooling	Amps	2.6	3.4	4.6	6.1	9.4	10.5	13.5
	Range		Max 6	Max 6	Max 6.5	Max 9	Max 11.5	Max 17	Max 18
	Heating		-	-	-	-	-	-	-
	Range		-	-	-	-	-	-	-
Input	Cooling	Watts	520	740	1,020	1,410	2,210	2,500	3,200
	Range		250-1,270	250-1,270	250-1,400	90-2,000	110-2,550	580-4,040	580-4,280
	Heating		-	-	-	-	-	-	-
	Range		-	-	-	-	-	-	-
Moisture Removal		l/hr	1.0	1.3	1.8	2.8	3	3.2	3.6
E.E.R.	Cooling		4.04	3.51	3.43	3.69	3.21	3.2	3.033
C.O.P.	Heating		-	-	-	-	-	-	-
Star Rating	Cooling		3	2	2	2.5	1.5	2	1.5
	Heating		-	-	-	-	-	-	-
Fan Speeds			4	4	4	4	4	4	4
Air Circulation	High	l/s	208	208	208	250	305	305	347
Compressor Type			DC Rotary	DC Rotary	DC Rotary	Rotary	Rotary	Rotary	Rotary
Dimensions and Weights		Height	260	260	260	320	320	320	320
	I.U. mm	Width	790	790	790	998	998	998	998
		Depth	198	198	198	228	228	228	228
	Net Weight	kg	7.5	7.5	7.5	14	14	14	14
		Height	540	540	540	620	620	830	830
	O.U. mm	Width	660	660	790	790	790	900	900
		Depth	290	290	290	298	298	330	330
	Net Weight	kg	28	28	30	40	40	58	58
I.U. Sound Pressure Level		dBA@1metre	43	43	43	43	47	48	52
O.U. Sound Pressure Level		dBA@1metre	48	49	50	50	56	53	54
O.U. Sound Power Level		dBA	63	65	66	65	72	68	70
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A	R410A	R410A
Connection Pipe Sizes	Gas	mm	9.52	9.52	9.52	12.7	15.88	15.88	15.88
	Liquid		6.35	6.35	6.35	6.35	6.35	9.52	9.52
Pre Charged Length		Metre	10	10	15	15	15	20	20
Minimum Pipe Length			3	3	3	3	3	5	5
Maximum Pipe Length			15	15	20	30	30	30	30
Maximum Pipe Height			10	10	15	20	20	20	20
Pipe Connection Methods			Flare	Flare	Flare	Flare	Flare	Flare	Flare
Outdoor operating Temp.	Cooling	Degrees C	18 to 46	18 to 46	18 to 46	18 to 46	18 to 46	18 to 46	18 to 46
	Heating	Degrees C	-	-	-	-	-	-	-

INVERTER CASSETTE

Inverter Cassette Split Systems – Compact

AUTF18L
C 5.20 kW / 17,700 BTU/h
H 6.00 kW / 20,500 BTU/h

AUTA24L
C 7.10 kW / 24,200 BTU/h
H 8.00 kW / 27,300 BTU/h

Provide wide air flow & quiet operation.

Wireless R.C

Optional

Wired R.C

For AUTF18/AUTA24L

ALL DC Grille is an option.

Inverter Cassette Split Systems

AUTA30L
C 8.50 kW / 29,000 BTU/h
H 10.0 kW / 34,100 BTU/h

Provide wide air flow & quiet operation.

Wired R.C

Optional

IR Receiver Kit

For AUTA30

ALL DC Grille is an option.

INVERTER CEILING AND FLOOR CONSOLE

Inverter Floor Console Split System

AGTV09L
C 2.6 kW / 8,900 BTU/h
H 3.5 kW / 11,900 BTU/h

AGTV14L
C 4.2 kW / 14,300 BTU/h
H 5.2 kW / 17,700 BTU/h

Wireless R.C

Optional

Wired R.C

For AGTV09/14L

ALL DC Simple & thin design harmonizes with the interior

Inverter Ceiling & Floor Console Split Systems

ABTF18L
C 5.20 kW / 17,700 BTU/h
H 6.00 kW / 20,500 BTU/h

ABTF24L
C 7.10 kW / 24,200 BTU/h
H 8.00 kW / 27,300 BTU/h

Wireless R.C

Optional

Wired R.C

For ABTF18/24L

ALL DC

Inverter Under Ceiling Split Systems

ABTA30L
C 8.50 kW / 29,000 BTU/h
H 10.0 kW / 34,100 BTU/h

Wireless R.C

Optional

Wired R.C

For ABTA30L

ALL DC Under Ceiling installation only.

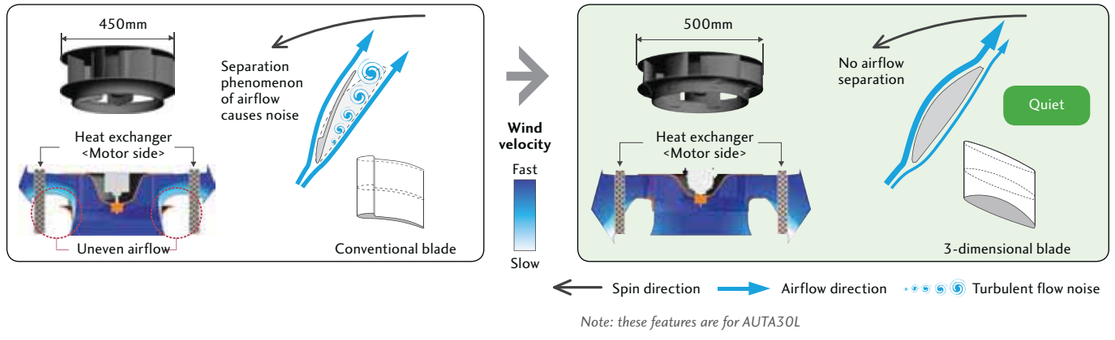
FOR SPECIFICATIONS PLEASE TURN OVERLEAF

Features & Benefits – Inverter Cassette

High efficiency turbo fan with 3-dimensional blade

Previous turbo fan: Air passing through the heat exchanger was uneven and the air would only flow close to the ceiling.

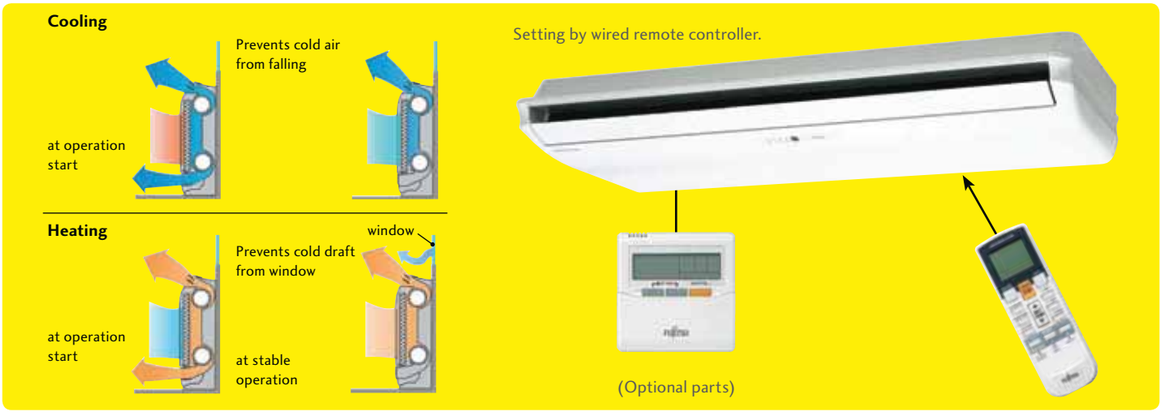
New turbo fan: High efficiency airflow distribution has been achieved by the introduction of a 3-dimensional blade which increases the air passing over the heat exchanger.



Note: these features are for AUTA30L

Features & Benefits - Inverter Ceiling & Floor Console Split System

For AGTV floor model – 2-fan & wide airflow



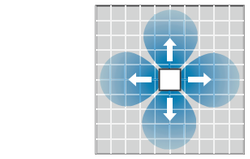
Inverter Cassette

TYPE	MODEL	UNITS	INVERTER		
Model No.	Indoor Unit		AUTF18LAL	AUTA24LBL	AUTA30LBLU
	Outdoor Unit		AOTA18LALL	AOTA24LALL	AOTA30LFTL
Reverse Cycle System			Yes	Yes	Yes
Cooling Capacity		Watts	5,200	7,100	8,500
		BTU/h	17,700	24,200	29,000
Range		Watts	900-5,900	900-8,000	2,800-10,000
		BTU/h	3,100-20,100	3,100-27,300	9,500-34,100
Heating Capacity		Watts	6,000	8,000	10,000
		BTU/h	20,500	27,300	34,100
Range		Watts	900-7,500	900-9,100	2,700-11,200
		BTU/h	3,100-25,600	3,100-31,000	9,200-38,200
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)		Amps	NA	NA	NA
Running Current	Cooling	Amps	7.1	9.7	10.8
	Range		Max 9.0	Max 12.0	Max 17.0
	Heating		7.3	9.3	11.6
	Range		Max 12.5	Max 13.5	Max 17.0
Input	Cooling	Watts	1,620	2,210	2,570
	Range		Max 2,160	Max 2,850	Max 4,040
	Heating		1,660	2,210	2,770
	Range		Max 2,960	Max 3,190	Max 4,040
Moisture Removal		l/hr	2.2	2.7	2.5
E.E.R.	Cooling		3.21	3.21	3.31
C.O.P.	Heating		3.61	3.61	3.61
Star Rating	Cooling		1.5	1.5	2
	Heating		2	2	2.5
Fan Speeds			4	4	4
Air Circulation	High	l/s	188	258	444
Compressor Type			Twin Rotary	Twin Rotary	Twin Rotary
Dimensions and Weights		Height	245(49)	245(49)	288(50)
	I.U.(Grill)mm	Width	570(700)	570(700)	840(950)
		Depth	570(700)	570(700)	840(950)
	Net Weight	kg	15(2.6)	17(2.6)	26(5.5)
	O.U. mm	Height	578	578	830
		Width	790	790	900
		Depth	300	315	330
	Net Weight	kg	40	44	62
I.U. Sound Pressure Level		dBA@1metre	38	49	40
O.U. Sound Pressure Level		dBA@1metre	50	52	53
O.U. Sound Power Level		dBA	65	68	69
Refrigerant	Type		R410A	R410A	R410A
Connection Pipe Sizes	Gas	mm	12.7	15.88	15.88
	Liquid		6.35	6.35	9.52
Pre Charged Length		Metre	15	15	20
Minimum Pipe Length			3	3	5
Maximum Pipe Length			25	30	50
Maximum Pipe Height			15	20	30
Pipe Connection Methods			Flare	Flare	Flare
Outdoor operating Temp.	Cooling	Degrees C	-10 to 46	-10 to 46	-15 to 46
	Heating	Degrees C	-15 to 24	-15 to 24	-15 to 24

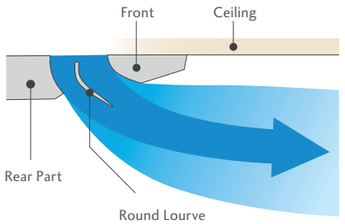
Improvement of the airflow distribution

New louvre

The louvre design distributes air leaving a space between the chassis and the ceiling allowing far and wide air flow distribution.



Bottom view



Much less temperature irregularity happens by spreading airflow widely

Inverter Ceiling & Floor Consoles Split System

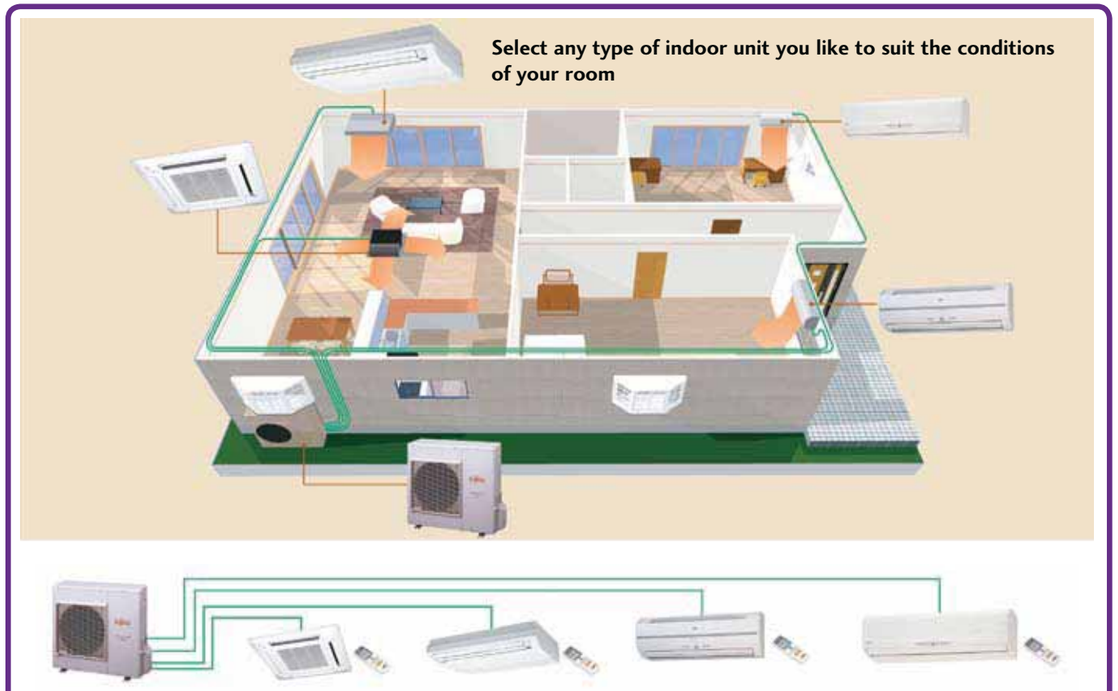
TYPE	MODEL	UNITS	INVERTER				
Model No.	Indoor Unit		AGTV09LAC	AGTV14LAC	ABTF18LAT	ABTF24LAT	ABTA30LBT
	Outdoor Unit		AOTV09LAC	AOTV14LAC	AOTA18LALL	AOTA24LALL	AOTA30LFTL
Reverse Cycle System			Yes	Yes	Yes	Yes	Yes
Cooling Capacity		Watts	2,600	4,200	5,200	7,100	8,500
		BTU/h	8,900	14,300	17,700	24,200	29,000
Range		Watts	900-3,500	900-5,000	900-5,900	900-8,000	2,800-10,000
		BTU/h	3,100-11,900	3,100-17,100	3,100-20,100	3,100-27,300	9,500-34,100
Heating Capacity		Watts	3,500	5,200	6,000	8,000	10,000
		BTU/h	11,900	17,700	20,500	27,300	34,100
Range		Watts	900-5,500	900-8,000	900-7,500	900-9,100	2,700-11,200
		BTU/h	3,100-18,800	3,100-27,300	3,100-25,600	3,100-31,000	9,200-38,200
Power Supply		Volts	240	240	240	240	240
Phase-Frequency		Ph- Hz	1-50	1-50	1-50	1-50	1-50
Power Supply Attachment			Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Plug Size (If Applicable)		Amps	NA	NA	NA	NA	NA
Running Current	Cooling	Amps	2.8	5.3	7.1	9.7	11.6
	Range		7	9	Max 9.0	Max 12.0	Max 17.0
	Heating		3.8	6.1	7.3	9.7	12.2
	Range		10	13.5	Max 12.5	Max 13.5	Max 17.0
Input	Cooling	Watts	600	1220	1,620	2,210	2,650
	Range		250-1,400	250-1,950	Max 2,160	Max 2,850	Max 3,880
	Heating		810	1440	1,660	2,210	2,770
	Range		250-2,200	250-3,050	Max 2,960	Max 3,190	Max 3,880
Moisture Removal		l/hr	1.3	2.1	2	2.7	2.5
E.E.R.	Cooling		4.33	3.44	3.21	3.21	3.21
C.O.P.	Heating		4.32	3.61	3.61	3.61	3.61
Star Rating	Cooling		3.5	2.0	2	1.5	2
	Heating		3.5	2.5	2.5	2	2.5
Fan Speeds			4	4	4	4	4
Air Circulation	High	l/s	158	180	216	272	461
Compressor Type			Rotary	Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Dimensions and Weights		Height	600	600	199	199	240
	I.U.(Grill)mm	Width	740	740	990	990	1,660
		Depth	200	200	655	655	700
	Net Weight	kg	14	14	27	27	46
	O.U. mm	Height	540	540	578	578	830
		Width	790	790	790	790	900
		Depth	290	290	300	315	330
	Net Weight	kg	36	40	40	44	62
I.U. Sound Pressure Level		dBA@1metre	40	44	44	49	45
O.U. Sound Pressure Level		dBA@1metre	47	50	50	52	53
O.U. Sound Power Level		dBA	64	66	65	68	69
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A
Connection Pipe Sizes	Gas	mm	9.52	12.7	12.7	15.88	15.88
	Liquid		6.35	6.35	6.35	6.35	9.52
Pre Charged Length		Metre	15	15	15	15	20
Minimum Pipe Length			3	3	3	3	5
Maximum Pipe Length			20	20	25	30	50
Maximum Pipe Height			15	15	15	20	30
Pipe Connection Methods			Flare	Flare	Flare	Flare	Flare
Outdoor operating Temp.	Cooling	Degrees C	-10 to 43	-10 to 43	-10 to 46	-10 to 46	-15 to 46
	Heating	Degrees C	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24

2 Room/4 Room

The New Fujitsu Inverter Multi System is ideal where an individual indoor unit is required in each room, i.e., a living room and 3 bedrooms. The Multi Systems allow one outdoor unit to be connected up to a wide variety of 2, 3 or 4 indoor units including Wall Mounted, Floor/Ceiling Console and Cassette, depending on the model.

DC Inverter Multi Type System

(The illustration below is an example of the AOT30LMAW4) This inverter system is equipped with a state of the art DC twin rotary compressor. It can reach the room temperature you set 15% quicker than conventional models and precisely maintain it at a difference of just 0.5˚C. Advanced DC twin rotary compressor makes operation at high power and high efficiency a reality.



Example illustration of system configuration.

AUTF12/18L
Cassette Compact Type

ASTA07/9/12/18L
Wall Mounted Type

ABTF18/24L
Universal Type

AST24L Wall Mounted Type

Outdoor Units

AOT24LMAM2
C 5.80kW/19,800BTU/h
H 6.40kW/21,900BTU/h

AOT30LMAW4
C 8.00kW/27,300BTU/h
H 9.60kW/32,800BTU/h

INDOOR UNIT FEATURES

	Up/Down	Double	Adjust	Restart	Auto Shut flaps	Distributing	Fresh	Economy	Sleep	Program	W+S	Ion	AP	Wash
ASTA07/09/12/18L	•		•	•					•	•		•	•	•
AST24L		•	•	•	•				•	•		•	•	•
AUTF12/18L	•		•	•				•	•	•	○			
ABTF18/24L		•	•	•				•	•	•	○			

○ Optional function

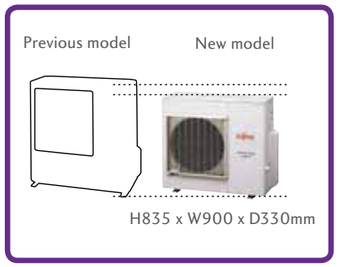
INDOOR UNIT	kW	AOT24LMAM2	AOT30LMAW4
 ASTA07/09/12/18L	2.3	•	•
	2.7	•	•
	3.5	•	•
	5.0	•	•
 AST24L	6.8		•
 AUTF12/18L	3.5	•	•
	5.2	•	•
 ABTF18/24L	5.3	•	•
	6.4		•

Selection must only be made via capacity table charts available from Fujitsu. Refer to Dealer for a selection of combinations. Refer to dealer for selection chart.

FOR SPECIFICATIONS PLEASE TURN OVERLEAF

Features & Benefits

Compact Design



Outdoor unit: AOT30LMAW4

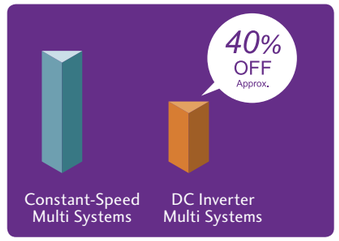
Easy installation and easy maintenance

Outdoor unit: AOT24LMAM2. Maintenance has been improved by making attachment and detachment of the top panel easy.

Energy saving

High Efficiency DC Inverter Multi System permits energy saving operation and 40% higher efficiency than a Constant-Speed Multi System. Improved Inverter Cooling Ratio prevents decrease in capacity under overload operation.

Energy saving over a year's time



Flexible installation

Max. Piping Length (Each Unit):

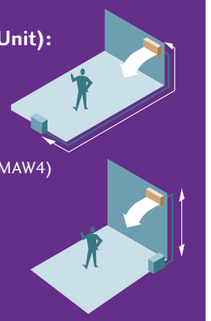
20m (AOT24LMAM2),
25m (AOT30LMAW4)

Max. Height:

10m (AOT24LMAM2 / AOT30LMAW4)

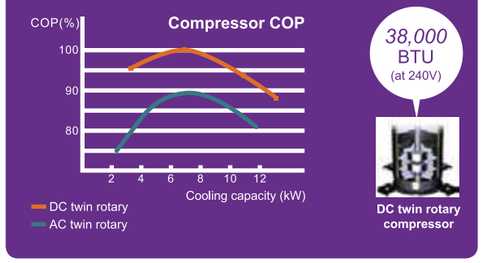
Total Piping Length:

30m (AOT24LMAM2),
70m (AOT30LMAW4)



DC twin rotary compressor

Efficiency is improved over a wide range from high-speed rotation at high load up to the low-speed rotation region at low-load where long-term use is especially frequent, and high power is produced with little power consumption. Also, twin rotor provides low-vibration and quiet operation.



Inverter Multi Systems

Type	Model	Units	Wall Mounted					Floor/Ceiling			Cassette			Outdoor	
Model No.	Indoor Unit		ASTA07LACM	ASTA09LACM	ASTA12LACM	ASTA18LACM	AST24LBAJ	ABTF14LAT	ABTF18LAT	ABTF24LAT	AUTF12LAL	AUTF14LAL	AUTF18LAL	-	-
	Outdoor Unit		-	-	-	-	-	-	-	-	-	-	-	AOT30LMAW4	AOT24LMAM2
Reverse Cycle System			Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Cooling Capacity		Watts	2,300	2,700	3,500	5,000	6,800	4,200	5,200	6,800	3,500	4,200	5,200	8,000	5,800
		BTU/h	7,900	9,200	11,900	17,100	23,200	14,300	17,800	23,200	11,900	14,300	17,800	27,300	19,800
Range (Maximum for Inverter Multi)		Watts	1,500-2,700	1,500-3,200	1,500-3,700	1,800-5,600	7,400	1,500-4,800	1,800-6,100	1,800-7,400	1,500-3,700	1,500-4,800	1,800-5,800	10,100	7,800
		BTU/h	5,100-9,200	5,100-10,900	5,100-12,600	6,100-19,100	25,300	5,100-16,400	20,500	6,100-25,300	5,100-12,600	5,100-16,400	6,100-19,800	34,500	26,600
Heating Capacity		Watts	2,700	3,300	4,000	6,000	8,200	4,800	6,000	8,200	3,800	4,800	6,000	9,600	64,00
		BTU/h	9,200	11,300	13,700	20,500	28,000	16,400	20,500	28,000	13,000	16,400	20,500	38,200	21,900
Range(Maximum for Inverter Multi)		Watts	1,500-3,300	1,500-4,200	1,500-4,800	1,600-7,100	9,000	1,500-5,800	1,600-7,100	1,600-9,000	1,500-4,800	1,500-5,800	1,600-7,100	12,000	9,000
		BTU/h	5,100-11,300	5,100-14,300	5,100-16,400	5,500-24,200	30,700	5,100-19,800	5,500-24,200	5,500-30,700	5,100-16,400	5,100-19,800	5,500-24,200	41,000	30,700
Power Supply		Volts	240	240	240	240	240	240	240	240	240	240	240	240	240
Phase-Frequency		Ph- Hz	1-50	1-50	1-50	1-50	1-50	1-50	1-50	1-50	1-50	1-50	1-50	1-50	1-50
Power Supply Attachment			Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Plug Size (If Applicable)		Amps	-	-	-	-	-	-	-	-	-	-	-	NA	NA
Running Current	Cooling	Amps	-	-	-	-	-	-	-	-	-	-	-	9.3	7.3
	Range		-	-	-	-	-	-	-	-	-	-	-	Max 15.7	Max 12.2
	Heating		-	-	-	-	-	-	-	-	-	-	-	10.1	6.9
	Range		-	-	-	-	-	-	-	-	-	-	-	Max 15.7	Max 12.2
Input	Cooling	Watts	-	-	-	-	-	-	-	-	-	-	-	2,220	1,730
	Range		-	-	-	-	-	-	-	-	-	-	-	Max 3,580	Max 2,920
	Heating		-	-	-	-	-	-	-	-	-	-	-	2,400	1,640
	Range		-	-	-	-	-	-	-	-	-	-	-	Max 3,580	Max 2,920
Moisture Removal		l/hr	0.8	1	1.2	2	3	1.5	1.7	2.5	1.3	1.5	2	-	-
E.E.R.	Cooling		-	-	-	-	-	-	-	-	-	-	-	3.6	3.35
C.O.P.	Heating		-	-	-	-	-	-	-	-	-	-	-	4	3.9
Star Rating	Cooling		-	-	-	-	-	-	-	-	-	-	-	-	-
	Heating		-	-	-	-	-	-	-	-	-	-	-	-	-
Fan Speeds			4	4	4	4	4	3	3	3	3	3	3	-	-
Air Circulation	High	l/s	139	153	161	183	283	177	216	244	152	152	172	916	805
Compressor Type			-	-	-	-	-	-	-	-	-	-	-	Twin Rotary	Twin Rotary
Dimensions and Weights	I.U. mm	Height	275	275	275	275	320	199	199	199	245(49)	245(49)	245(49)	-	-
		Width	790	790	790	790	1120	990	990	990	570(700)	570(700)	570(700)	-	-
		Depth	215	215	215	215	220	655	655	655	570(700)	570(700)	570(700)	-	-
	Net Weight	kg	9	9	9	9	16	27	28	28	18	18	18	-	-
	O.U. mm	Height	-	-	-	-	-	-	-	-	-	-	-	835	650
		Width	-	-	-	-	-	-	-	-	-	-	-	900	830
		Depth	-	-	-	-	-	-	-	-	-	-	-	330	320
	Net Weight	kg	-	-	-	-	-	-	-	-	-	-	-	68	56
I.U. Sound Pressure Level		dBA@1metre	35	38	39	45	47	36	43	48	42	42	44	-	-
O.U. Sound Pressure Level		dBA@1metre	-	-	-	-	-	-	-	-	-	-	-	51	49
O.U. Sound Power Level		dBA	-	-	-	-	-	-	-	-	-	-	-	64	62
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
Connection Pipe Sizes	Gas	mm	9.52	9.52	9.52	12.7	15.88	12.7	12.7	15.88	9.52	12.7	12.7	2 x 9.52, 2 x 12.7	1 x 12.7, 1 x 9.52
	Liquid		6.35	6.35	6.35	6.35	9.52	6.35	6.35	9.52	6.35	6.35	6.35	4 x 6.35	2 x 6.35
Pre Charged Length		Metre	-	-	-	-	-	-	-	-	-	-	-	50	30
Minimum Pipe Length		Metre	-	-	-	-	-	-	-	-	-	-	-	5	5
Maximum Pipe Length per unit Inverter Multi only			-	-	-	-	-	-	-	-	-	-	-	25	20
Maximum Pipe Length		Metre	25	25	25	25	25	25	25	25	25	25	25	Max Total 70	Max Total 30
Maximum Pipe Height		Metre	10	10	10	10	10	10	10	10	10	10	10	10	10
Pipe Connection Methods			Flare	Flare	Flare	Flare	Flare	Flare	Flare	Flare	Flare	Flare	Flare	Flare	Flare
Outdoor Operating Temp.	Cooling	Degrees C	-	-	-	-	-	-	-	-	-	-	-	0 to 43	0 to 43
	Heating	Degrees C	-	-	-	-	-	-	-	-	-	-	-	-10 to 24	-10 to 24

Products in this brochure contain R410A refrigerant. Please refer to specifications before installation & servicing this product.

Only persons and/or companies qualified and experienced in the installation, service and repair of refrigerant products should be permitted to do so. The purchaser must ensure that the person and/or company who is to install, service or repair this air conditioner has qualifications and experience in refrigerant products.

Suitable access for warranty & service is required.

For future improvement, specifications, designs of product and availability are subject to change without notice. Please check with your dealer.

All Capacity and Energy Efficiency ratings are based on AS/NZS3823.2:2009.

Cooling	Indoor Temp:	27˚C DB/19˚C WB
	Outdoor Temp:	35˚C DB
Heating	Indoor Temp:	20˚C DB
	Outdoor Temp:	7˚C DB /6˚C WB

Running current is at rated conditions (AS3823) and does not include compressor start-up or variations in power supply and load conditions.

JAS-ANZ

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ISO 9002 Certified number: JQA-2005

ISO 14001 Certified number: EC98J1137

Hamamatsu Fujitsu General Ltd.

CERTIFIED IQNet MANAGEMENT SYSTEM

N807

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HEAD OFFICE

NSW	: Eastern Creek Drive, Eastern Creek N.S.W. 2766	**TEL** (02) 8822 2500 **FAX** (02) 8822 2501
VIC/TAS	: Suite 1, Building 2, Omnico Business Centre, 270 Ferntree Gully Road, Notting Hill VIC 3168	**TEL** (03) 9543 5899 **FAX** (03) 9543 8299
QLD	: 1 Breakfast Creek Road Newstead QLD 4006	**TEL** (07) 3257 2800 **FAX** (07) 3257 2184
SA/NT	: 128A Rose Terrace, Wayville SA 5034	**TEL** (08) 8172 1180 **FAX** (08) 8172 1190
WA	: Suite 3, 5 Mumford Place Balcatta W.A. 6021	**TEL** (08) 9240 5877 **FAX** (08) 9240 5866

E-mail: contact@fujitsugeneral.com.au – or call 1300 882 201

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