

# FUJITSU HI-WALL



## Units



ASTA09LC/12LC/18LC



ASTA24LC/30LC



## Remotes



## Outdoor Units



For ASTA9/12



For ASTA18/24



For ASTA30

## AIR CONDITIONER FILTER FEATURES

### Apple-catechin filter

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



### Long-life\* Ion deodorization filter

The filter deodorizes by powerfully decomposing absorbed odours using the oxidizing filter and reducing effects of ions generated by the ultra-fine-particle ceramic. (\*The filter can be used for approximately 3 years if it is washed under water to restore its surface action when it is dirty.)



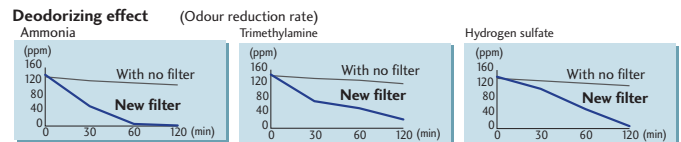
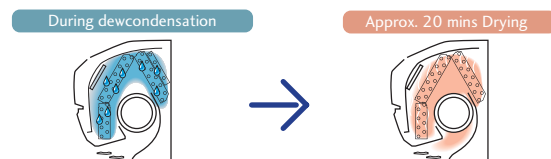
### Easy maintenance

Easy maintenance and always clean. Troublesome maintenance has been made easy. Since the front panel is easy to remove, maintenance is also easy.



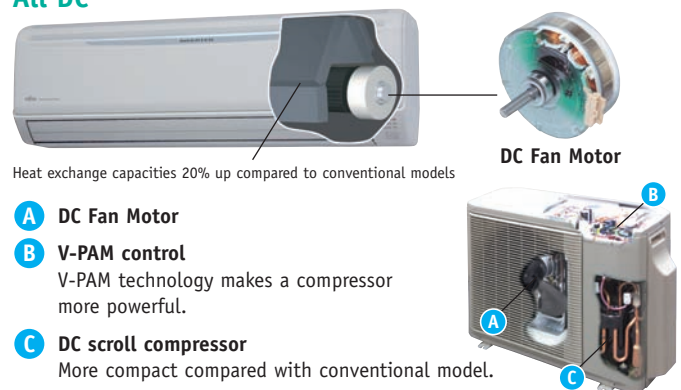
### Inner drying operation

This model is equipped with an inner drying function. After the power is turned off, the dry operation starts inside the air conditioner. This prevents the growth of mould and bacteria inside the air conditioner.



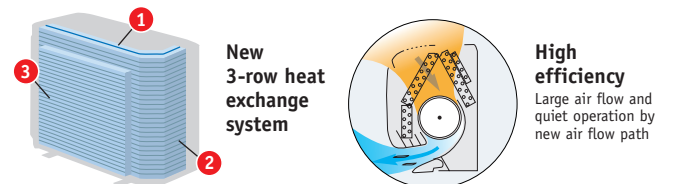
Testing organization : Environmental Sanitary Inspection Center Test method : Deodorization Test

## All DC



Heat exchange capacities 20% up compared to conventional models

- A DC Fan Motor**
- B V-PAM control**  
V-PAM technology makes a compressor more powerful.
- C DC scroll compressor**  
More compact compared with conventional model.



New 3-row heat exchange system

**High efficiency**  
Large air flow and quiet operation by new air flow path

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
















## SPECIFICATIONS

Type			INVERTER	INVERTER	INVERTER	INVERTER	INVERTER	
Model No.	Indoor Unit		ASTA09LCC	ASTA12LCC	ASTA18LCC	ASTA24LCC	ASTA30LCC	
	Outdoor Unit		AOTR09LCC	AOTR12LCC	AOTR18LCC	AOTR24LCC	AOTR30LCT	
Reverse Cycle System			Yes	Yes	Yes	Yes	Yes	
Cooling Capacity	Watts		2600	3500	5200	7400	8000	
	BTU/h		8900	11900	17700	25300	27300	
Range	Watts		500-3600	900-4300	900-5700	900-8000	2900-9000	
	BTU/h		1700-12300	3100-14700	3100-19400	3100-27300	9900-30700	
Heating Capacity	Watts		3600	4800	6250	8500	9000	
	BTU/h		12300	16400	21300	29000	30700	
Range	Watts		500-5300	900-6700	900-9100	900-10600	2200-11000	
	BTU/h		1700-18100	3100-22900	3100-31000	3100-36200	7500-37500	
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	15	15	NA	NA	
Interconnect cables - size	Qty - mm <sup>2</sup>		4 - 2.5	4 - 2.5	4 - 2.5	4 - 2.5	4 - 2.5	
Rec. min. Power Cable size	mm <sup>2</sup>		2.5	2.5	2.5	4	4	
Running Current	Cooling	Amps	3	4.1	7.3	10.4	11.7	
	Heating	Amps	3.9	5.4	7.4	10.2	11.6	
Input	Cooling	Watts	655	920	1720	2460	2660	
	Heating	Watts	845	1240	1730	2420	2640	
Moisture Removal	l/hr		1.3	1.8	2.8	3	3.4	
E.E.R.	Cooling		3.963	3.801	3.022	3.011	2.989	
C.O.P.	Heating		4.261	3.869	3.61	3.516	3.385	
Star Rating	Cooling		6	6	4	4	4	
	Heating		6	6	5	5	4.5	
Fan Speeds			4	4	4	4	4	
Air Circulation	High	l/s	165	176	194	305	305	
Compressor Type			Rotary	Rotary	Rotary	Scroll	Rotary	
Dimensions and Weights	I.U.	Height	mm	275	275	275	320	320
		Width	mm	790	790	790	998	998
		Depth	mm	215	215	215	228	228
		Net Weight	kg	9	9	9	14	14
	O.U.	Height	mm	540	540	578	578	830
		Width	mm	660	790	790	790	900
		Depth	mm	290	290	300	315	330
		Net Weight	kg	32	37	40	44	62
I.U Sound Pressure Level Quiet Mode	dBa@1m		21	21	27	32	32	
I.U Sound pressure level Low Mode	dBa@1m		30	29	32	36	36	
I.U Sound Pressure Level Med. Mode	dBa@1m		36	36	37	41	41	
I.U. Sound Pressure Level High Mode	dBa@1m		41	42	42	47	47	
O.U. Sound Pressure Level	dBa@1m		48	49	50	52	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	mm	6.35	6.35	6.35	6.35	9.52	
Pre Charged Length			15	15	15	15	20	
Maximum Pipe Length	Metre		20	20	20	30	50	
Maximum Pipe Height	Metre		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	

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

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**Moisture Removal**  
The computer effectively dehumidifies the air.
- 
**Up/Down Swing Flaps**  
The up/down flaps automatically swing to up and down.
- 
**Right/Left Swing Flaps**  
The right/left flaps automatically swing in either direction.
- 
**Double Swing Automatic**  
Complex swing action of flaps enables automatically to swing both horizontal and vertical directions.
- 
**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.
- 
**Auto Shut Flaps**  
The auto shut flaps close or open automatically when the unit stops or starts.
- 
**Automatic Air Flow Adjustment**  
The micro-computer automatically adjusts the air flow effectively to follow the changes of room temperature.
- 
**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.
- 
**Auto-Changeover**  
The unit automatically switches between heating and cooling modes based on your temperature setting and the room temperature.
- 
**Sleep Timer**  
The micro-computer gradually changes the room temperature automatically to afford a comfortable night's sleep.
- 
**Program Timer**  
This digital 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.
- 
**Weekly Timer**  
Different on-off times can be set for each day.
- 
**Weekly + Setback Timer**  
Weekly + Setback timer can set temperature for two times spans and for each day of the week.
- 
**Connectable Distributing Duct**  
Conditioned air can be distributed by means of a distributing duct.
- 
**Connectable Fresh Air Duct**  
Duct connection port hole opening; Fresh air can be introduced through this opening.
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**Fresh air intake**  
Fresh air can be taken in by a fan which can be connected using UTD-ECS5A (option parts).
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**Washable Panel**
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**Long-life Ion deodorization filter**
- 
**Long-life photocatalytic deodorizing filter**
- 
**Apple-catechin filter**
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**Wasabi antibacterial electrostatic filter**