



Units



ASTA09LCC/12LCC/18LCC



ASTA24LCC/30LCC



TESA AWARDED
ASTA09LCC/12LCC

Remote



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

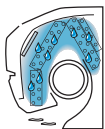
Easy maintenance and always clean. Troublesome maintenance has been made easy. Since the front panel is easy to remove, maintenance is also easy.



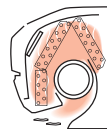
Coil dry operation

This model is equipped with an inner drying function, by pressing the coil dry button on the remote control. This prevents the growth of mould and bacteria inside the heat pump.

During dew condensation

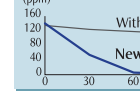


Approx. 20 mins Drying



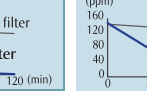
Deodorizing effect

Ammonia

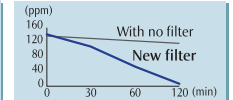


(Odour reduction rate)

Trimethylamine



Hydrogen sulfate

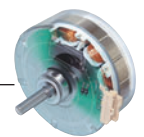


Testing organization : Environmental Sanitary Inspection Center Test method : Deodorization Test

All DC (ASTA24LCC)



Heat exchange capacities 20% up compared to conventional models

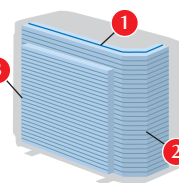
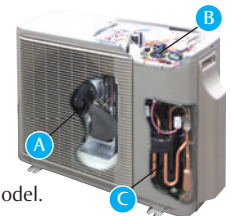


DC Fan Motor

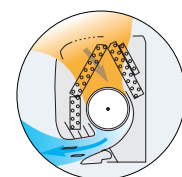
A DC Fan Motor

B V-PAM control
V-PAM technology makes a compressor more powerful.

C DC scroll compressor
More compact and quieter than conventional model.



New 3-row heat exchange system



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

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			Yes	Yes	Yes	Yes	Yes	
Cooling Capacities	Watts		2,600	3,500	5,200	7,400	8,000	
	BTU/Hr		8,900	11,900	17,700	25,300	27,300	
Cooling Range	Watts		500 - 3,600	900 - 4,300	900 - 5,700	900 - 8,000	2,900 - 9,000	
	BTU/Hr		1,700 - 12,300	3,100 - 14,700	3,100 - 19,400	3,100 - 27,300	9,900 - 30,700	
Heating Capacities	Watts		3,600	4,800	6,250	8,500	9,000	
	BTU/Hr		12,300	16,400	21,300	29,000	30,700	
Heating Range	Watts		500 - 5,300	900 - 6,700	900 - 9,100	900 - 10,600	2,200 - 11,000	
	BTU/Hr		1,700 - 18,100	3,100 - 22,900	3,100 - 31,000	3,100 - 36,200	7,500 - 37,500	
Star Rating	Cool		6	6	4	4	4	
	Heat		6	6	5	5	4.5	
E.E.R Cool	W/W		3.963	3.801	3.022	3.011	2.989	
C.O.P Heat	W/W		4.261	3.869	3.61	3.516	3.385	
Running Current	Cool	Amps	3 (6 Max)	4.1 (7 Max)	7.3 (9 Max)	10.4 (12 Max)	11.7 (17 Max)	
	Heat	Amps	3.9 (8.5 Max)	5.4 (10 Max)	7.1 (13.5 Max)	10.2 (17.5 Max)	11.6 (19 Max)	
Input Power	Cool	Watts	655 (250 - 1,180)	920 (250 - 1,610)	1,720 (90 - 2,000)	2,460 (110 - 2,620)	2,660 (580 - 3,600)	
	Heat	Watts	845 (250 - 1,960)	1,240 (250 - 2,300)	1,730 (90 - 2,660)	2,420 (110 - 3,680)	2,640 (500 - 4,300)	
Moisture Removal	L/Hr		1.3	1.8	2.8	3	3.4	
Fan Speeds			4	4	4	4	4	
Air Circulation	l/s		165	176	194	305	305	
Indoor Sound	Quiet	DbA at 1m	21	21	27	32	32	
	Low	DbA at 1m	30	29	32	36	36	
	Med	DbA at 1m	36	36	37	41	41	
	High	DbA at 1m	41	42	42	47	47	
Outdoor Sound Pressure Level	DbA at 1m		48	49	50	52	53	
Outdoor Sound Power Level	DbA		65	67	68	68	69	
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
Compressor Type			Rotary	Rotary	Rotary	Scroll	Rotary	
Interconnect cables - size	Qty - mm2		4 - 2.5	4 - 2.5	4 - 2.5	4 - 2.5	4 - 2.5	
Recommended Min. Power Cable	mm2		2.5	2.5	2.5	4	4	
Phase - Frequency	Ph - Hz		1 - 50	1 - 50	1 - 50	1 - 50	1 - 50	
Power Supply Attachment			Indoor	Indoor	Indoor	Outdoor	Outdoor	
Power Supply	Volts		230	230	230	230	230	
Plug Size (if applicable)			10	15	15	N/A	N/A	
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	
Minimum Pipe Length	Metre		3	3	3	5	5	
Maximum Pipe Length	Metre		20	20	20	30	50	
Maximum Pipe Height	Metre		15	15	15	20	30	
Pre Charged Length	Meter		15	15	15	15	20	
Pipe Connection Method			Flare	Flare	Flare	Flare	Flare	
Outdoor Operating Temp	Cool	Degree C	-10 to 43	-10 to 43	-10 to 43	-10 to 43	-10 to 43	
	Heat	Degree C	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	



NEW ZEALAND'S FAVOURITE AIR™

Fujitsu General New Zealand Limited
www.fujitsugeneral.co.nz

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
Outdoor temp. : 35°C DB/24°C WB

Heating Indoor temp. : 20°C DB
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.
- Weekly + Setback Timer**
Weekly + Setback timer can set temperature for two time 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.
- Auto-Changeover**
The unit automatically switches between heating and cooling modes based on your temperature setting and the room temperature.
- Connectable Distributing Duct**
Conditioned air can be distributed by means of a distributing 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.
- Sleep Timer**
The micro-computer gradually changes the room temperature automatically to afford a comfortable night's sleep.
- 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.
- Program Timer**
This digital timer allows selection of one of four options. ON, OFF, ON → OFF, or OFF → ON.
- Fresh air intake**
Fresh air can be taken in by a fan which can be connected using UTD-ECS5A (optional parts).

