

# FUJITSU Hi-Wall



## Units



ASTA09LCC



ASTA12LCC/18LCC



TESA AWARDED  
ASTA09LCC/12LCC

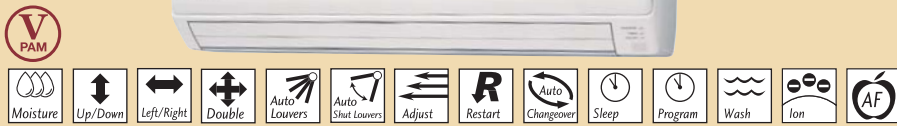
## Remote



THE GLOBAL MARK OF ENERGY EFFICIENCY



ASTA24LCC/30LCC



## 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 polypenol 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.)



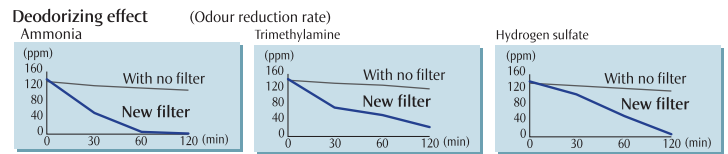
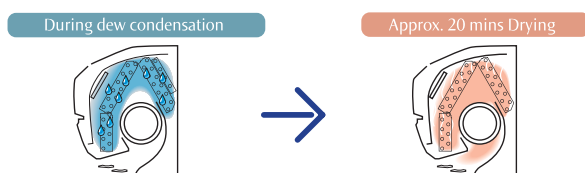
### Easy maintenance

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



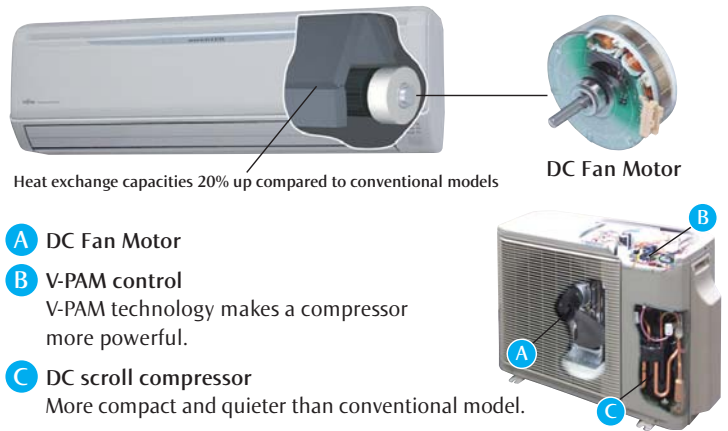
### Coil dry operation

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.

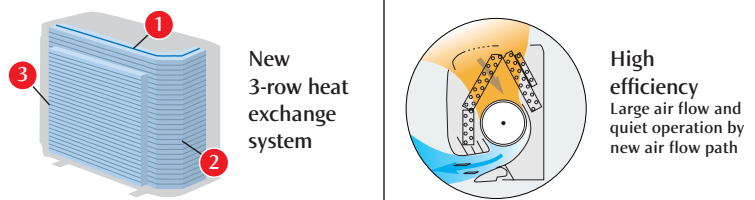


Testing organization: Environmental Sanitary Inspection Center Test method: Deodorization Test

## All DC (ASTA24LCC)



- A** DC Fan Motor  
Heat exchange capacities 20% up compared to conventional models
- B** V-PAM control  
V-PAM technology makes a compressor more powerful.
- C** DC scroll compressor  
More compact and quieter than conventional model.



NEW ZEALAND'S FAVOURITE AIR™



# 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 Pressure Level	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	Metre		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

Products depicted in this brochure contain high operating pressure R410a refrigerant. It is illegal to vent that refrigerant to the atmosphere. Only persons qualified and experienced in the installation, service and repair of these products are authorised to undertake such work.

Fujitsu General Accredited Installers have shown they have the necessary equipment and have accepted responsibility for their installations and the requirements of any statutes or laws.

Due to ongoing Research and Development specifications and designs are subject to improvement without notice therefore relevant manuals must be consulted before any action is taken to install or service these products

Heating/Cooling capacities and run current tests are based on the requirements of AS/NZS3283, that standard tests at the temperature below.

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

As actual temperature ranges in New Zealand vary considerably only competent people should provide advice as to size and placement of units.

Sound power level is tested to AS/NZS1217.

Recommended cable sizes are based in AS/NZS3000 and AS/NZS3008.

Fujitsu General New Zealand Ltd warrants the equipment against any defects in materials and factory workmanship for a period of five years from the date of installation, or for 6 years if installed by an Accredited Installer.

This warranty does not cover defects or failures which are attributable to; incorrect or improper installation; environmental damage; airflow restriction; inadequate electrical supply; getting access to the product.

## EXPLANATION OF FEATURES (MODEL DEPENDENT)

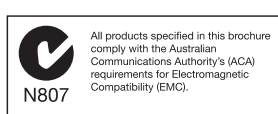
<b>Moisture Removal</b> The computer effectively dehumidifies the air.	<b>Auto Shut Louvers</b> The auto shut louvers close or open auto-matically when the unit stops or starts.	<b>Sleep Timer</b> The micro-computer gradually changes the room temperature automatically to afford a comfortable night's sleep.	<b>Apple-catechin filter</b> Fine dust, invisible mould spores and harmful micro organisms are absorbed with this static electric operating filter.
<b>Up/Down Swing Louvers</b> The up/down louvers automatically swing to up and down.	<b>Automatic Air Flow Adjustment</b> The micro-computer automatically adjusts the air flow effectively to follow the changes of room temperature.	<b>Program Timer</b> This digital timer allows selection of one of four options. ON, OFF, ON → OFF, or OFF → ON.	<b>i PAM</b> Fujitsu's advanced inverter technology now includes i PAM (Intelligent Power Module-Pulse Amplitude Modulation), to enable high output and high efficiency.
<b>Right/Left Swing Louvers</b> The right/left louvers automatically swing in either direction.	<b>Auto Restart</b> 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.	<b>ON-OFF Timer</b> ON-OFF timer can be set to operate once.	<b>V-PAM</b> V-Pam Inverter technology increases the maximum output of the compressor significantly and enables high power and high efficiency.
<b>Double Swing Automatic</b> Complex swing action of louvers enables automatically to swing both horizontal and vertical directions.	<b>Auto-Changeover</b> The unit automatically switches between heating and cooling modes based on your temperature setting and the room temperature.	<b>Washable Panel</b>	<b>Top Energy Saver Award</b> For the most energy efficient Star Rated Products.
<b>Automatic Louvers</b> The position of the louvers is set automatically to match the operating mode. It is also possible to adjust the louvers using the remote control.	<b>Long-life Ion deodorization filter</b> New technology 'oxidising' filter absorbs household odours for up to 3 years.		



ISO 9002  
Certified number: JQA-2005



ISO 14001  
Certified number: EC98J1137



5 Year full parts and labour warranty, 6 years (an extra full year's warranty) when you use a Fujitsu Accredited installer.