

FUJITSU

AUSTRALIA'S FAVOURITE AIR™

# AIR CONDITIONING RANGE

WALL MOUNTED - DESIGNER RANGE

WALL MOUNTED - COOLING ONLY

WALL MOUNTED - REVERSE CYCLE

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 operating modes based on the set point temperature and room temperature.



### Blue Fin Heat Exchanger

Corrosion-resistance of the heat exchanger in coastal areas has been improved by blue fin treatment of the outdoor unit heat exchanger.



### All DC

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



### V-PAM

V-Pam Inverter technology increases the maximum output of the compressor significantly and enables high power and high efficiency. For details, see page 5.



### I-PAM

I-Pam inverter technology enables high output and high efficiency performance. For details, see page 5.



### 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.



### Weekly + Setback Timer

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



### Washable Panel



### Connectable Distributing Duct

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



### Connectable Fresh Air Duct

Allows introduction of fresh air to occupied space.



### Fresh Air Intake

Fresh air can be taken in by a fan which can be connected using UTD-ECSSA\* (optional parts).



### Long-life Ion Deodorisation Filter

For details, see page 11.



### Apple-catechin Filter

For details, see page 11.



### Air Clean Filter

For details, see page 12.



### Powerful Mode

Powerful mode will operate the indoor unit fan and outdoor unit compressor at maximum operation to quickly make the room conditioned and comfortable.



### Human Sensor

Human sensor detects movement of people within the conditioned room.



### Product Design Award

For details, see page 6



### Good Design Award

For details, see page 6



### Coil Dry

After the power is turned off, the dry operation starts inside the air conditioner. This prevents the growth of mold and bacteria inside the air conditioner.



### Cooling



### Heating

"If you're looking for an air conditioner that you can trust to keep you comfortable year round, my advice is to look no further than a Fujitsu.

They are efficient, effective, and beautifully designed, I should know, I bought one myself.

So for an air conditioner you can trust, go with the name you know, Fujitsu, it's Australia's favourite air."



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# ABOUT AIR CONDITIONING

## What is an air conditioner?

An air conditioner is designed to provide comfort within your home regardless of the weather or season. Air conditioners use the principles of heat transfer where they absorb and transfer heat to keep you comfortable all year round. In summer when running on cooling mode, heat is removed from the indoor environment and transferred to the outdoor unit where it is expelled outside. This is why you will feel hot air coming from the outdoor unit in summer. This leaves your room cooler and more comfortable on those hot summer days.

## Cool vs reverse

Fujitsu air conditioners are great for keeping you cool in summer, but did you know they are also one of the most cost effective ways of warming your home in winter? Unlike other traditional heaters, they can warm your home faster and more efficiently. In winter when running on heating mode the process is "reversed". Reverse cycle air conditioners absorb heat from the outside, and transfers that heat to the indoor environment keeping you warm in winter. Fujitsu air conditioners are designed to cool or heat your home even in the most extreme conditions. This makes a Fujitsu air conditioner the perfect comfort solution, all year around.



## Split System vs Multi System

Split System air conditioners are designed to conveniently and efficiently cool or heat a single room. For situations where more than a single room needs cooling or heating, Fujitsu has a range of Multi Systems designed to air condition 2, 3 or 4 areas in your home. They allow for individual control of each indoor unit, with the ease and simplicity of having only one outdoor unit running them all.



## What to consider when purchasing an air conditioner

Buying an air conditioner can be confusing and buying the biggest unit is not always the best idea. If the unit is too big for the room, it will use extra energy and will turn itself on and off too often. On the other hand, if the unit is too small, it will not be able to handle the amount of work it needs to do. The following are a few things to consider when thinking about your next Fujitsu air conditioner:

- Do I need cooling only or heating as well?
- What is the size of the area that I want to air condition?
- Are my ceilings and walls insulated?
- What direction do my windows face?

To find the most economical Fujitsu Air Conditioner for your room visit the Economatch page of the Fujitsu General website, or talk your local Fujitsu General stockist for more options.

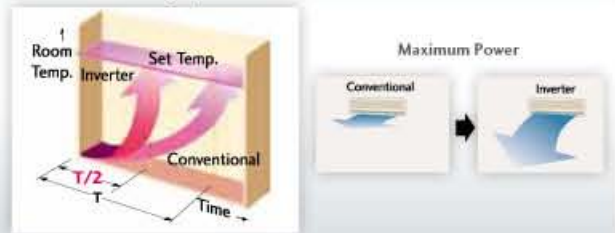


# INVERTER TECHNOLOGY

## What is 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.

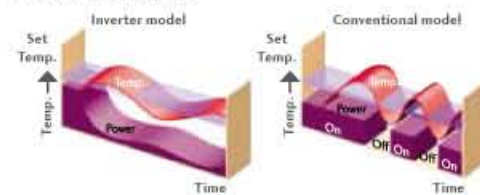
### Room warming speed



## 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.

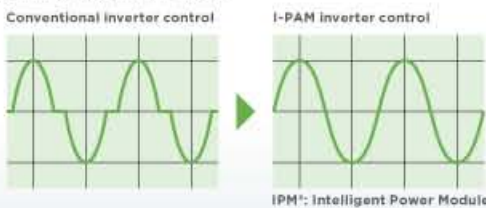
### Power and speed



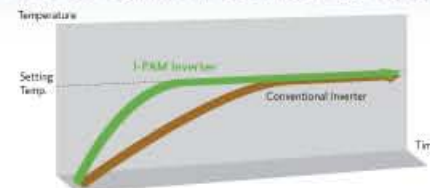
## Optimised inverter control

### I-PAM (IPM\*+PAM) Inverter Control

I-PAM inverter control is a technology which reduces loss by adjusting the current waveform to a better sine waveform. This promotes the effective use of the input power supply to attain high performance.



In addition, the voltage is raised at the start of operation and fast comfort is attainable by more powerful operation.



This technology enables miniaturisation and high performance of the compressor.

### V-PAM (Vector+I-PAM) Inverter Control

V-PAM inverter control reduces the effects of magnetic flux and increases the maximum speed and efficiency of the compressor by vector control technology. With this technology, further miniaturisation, higher efficiency, and better performance are attained.

More Compact than conventional models



Vector I-PAM



It becomes more powerful with the newly developed high efficient compressor motor control.

## 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.

### Energy Saving over 1 year



## 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.



# INVERTER WALL MOUNTED – DESIGNER RANGE

## ASTG09LUCA

Hi-EER: 4.31 (W/W)  
 Hi-COP: 4.36 (W/W)  
 C 2.50kW/8,500 BTU/h  
 H 3.40kW/11,600 BTU/h

## ASTG14LUCA

Hi-EER: 3.36 (W/W)  
 Hi-COP: 3.67 (W/W)  
 C 4.20kW/14,300 BTU/h  
 H 5.40kW/18,400 BTU/h

## ASTG18LUCA

Hi-EER: 3.27 (W/W)  
 Hi-COP: 3.80 (W/W)  
 C 5.00kW/17,100 BTU/h  
 H 6.00kW/20,400 BTU/h



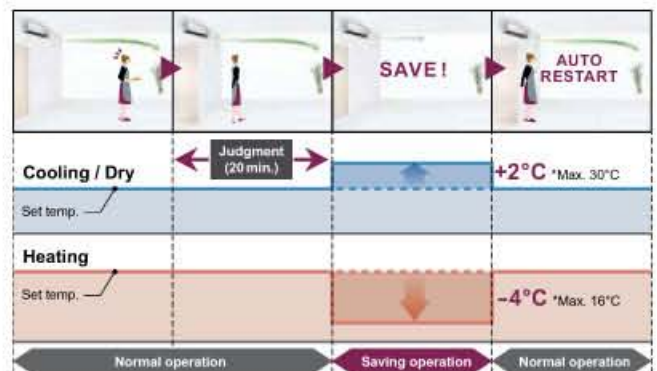
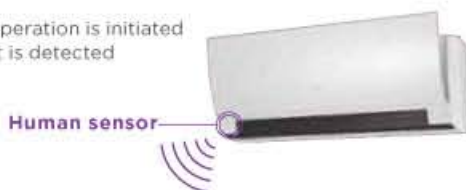
The Fujitsu LUCA Designer Range has received two international design awards. The 'iF Product Design Award 2012' recognises innovative product design and the 'Good Design Award 2011' identifies design that enriches everyday life.

## ENERGY SAVING

### Human sensor control

The human sensor in Fujitsu's LUCA range is designed to detect the movement of people to deliver the optimum efficiency and temperature control. When occupants leave the room and do not turn off the air conditioner, after 20 minutes of not detecting any movement in the room, the human sensor will switch the air conditioner into energy saving operation. During this operation, the set point will be increased by up to 2°C on cooling and decrease down to 4°C on heating to minimise the air conditioners energy usage. When someone re-enters the room, the human sensor will detect movement and return the air conditioner back to normal operation.

Energy Saving operation is initiated when movement is detected



### Human sensor's coverage



## POWERFUL OPERATION



Quick comfort by pressing just one button

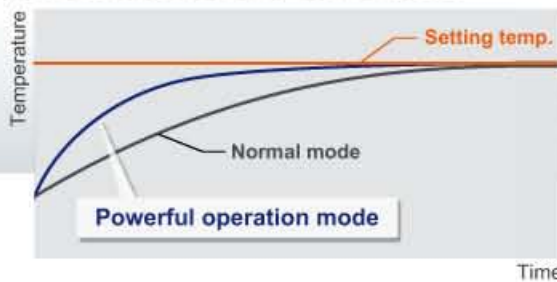


### Powerful operation mode

When powerful operation mode is selected on the controller, the indoor unit fan and outdoor unit compressor will operate at maximum speed to quickly make the room conditioned and comfortable.

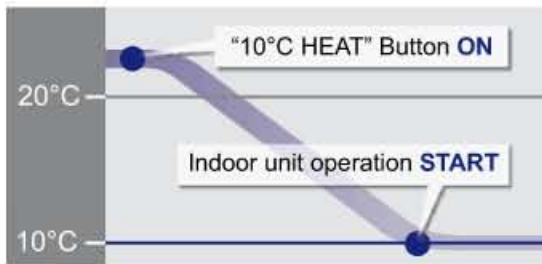
#### Caution

Powerful mode operates for 6 minutes or more, and stops automatically if reaching set temperature or 20 minutes pass.



### 10°C HEAT operation

The room temperature can be set to go no lower than 10°C, thus ensuring that the room does not get too cold when not occupied.

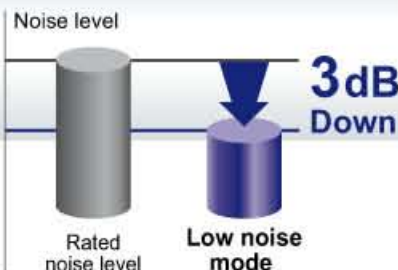


#### Caution

- When the room temperature is higher than 10°C, "10°C HEAT" operation does not start. Operation starts and maintains the room temperature at 10°C when the temperature drops below 10°C.
- When "10°C HEAT" operation stops, the room set temperature quickly returns to the preset temperature.

### Low noise mode for outdoor unit

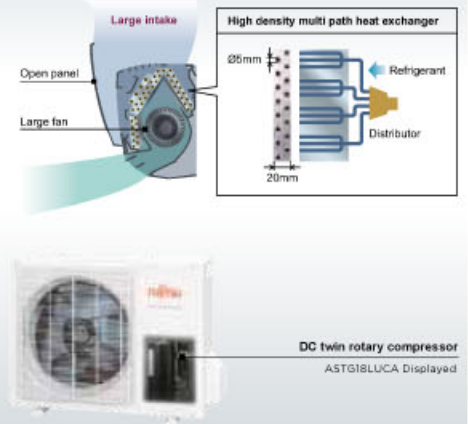
Low noise mode of the outdoor unit can be selected by the wireless controller.



## OUR ADVANCED TECHNOLOGY

**Indoor unit:** How the air conditioner delivers comfort into the room has been improved by adopting an open panel design and a newly designed large diameter fan barrel. The introduction of these new features allows a much larger air intake to the indoor unit and better air circulation into the room space. In addition, this model has a new multi path high-density heat exchanger, which has increased the cooling and heating efficiency of the LUCA Models.

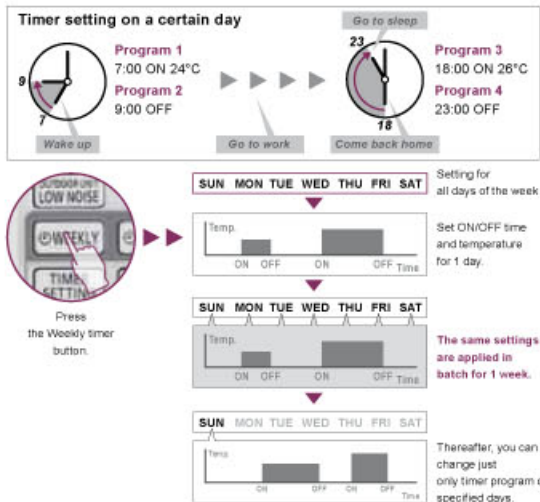
**Outdoor unit:** The operating noise of the outdoor unit has been reduced when compared with our other models by using an efficient air flow design. The LUCA models use a large outdoor heat exchanger and DC twin rotary compressor to be able to deliver a higher capacity when required.



## REMOTE CONTROLLER

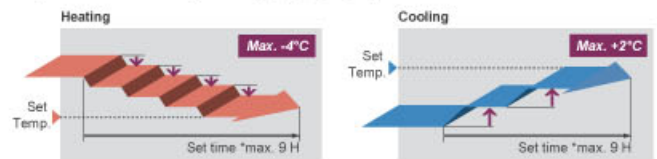
The LUCA models have a new designed wireless controller, which allows for more convenient operation and high quality comfort operation by pushing a single button.

**Easier weekly timer setting:** Setting the weekly timer is much easier than before. The new 7 day timer mode allows for batch setting for all days of the week. Also it is possible to change the individual specified days separately.



**Sleep timer:** The micro-processor gradually changes the room temperature automatically to allow a comfortable night's sleep.

\*Sleep timer setting : 0.5, 1, 2, 3, 5, 7, 9 Hours



### Slim & Smart design remote controller

This thinnest ever remote controller has an easy-to-view large LCD and a one-touch selection button in simple and easy-to-use layout to achieve a great operation feel for often used functions. Ease of use and design are improved.

### 3 mode timer

Weekly timer can be easily set by wireless remote controller. ON, OFF can be set up to 4 times in 1 day and up to 28 times in 1 week. For other modes, Program timer and Sleep timer can be also selected by one push.

**Program timer:** This digital timer allows selection of one of four options: ON, OFF, ON OFF or OFF ON.

## OPTIONAL PARTS



- > Easy Operation
- > Weekly Timer
- > Sleep Timer
- > Program Timer

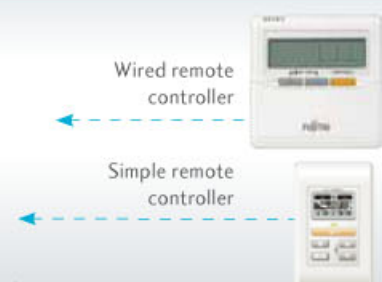
### Optional Remotes

(other accessories required)



Wired and wireless remote controllers are acceptable.

\*Optional communication kit is necessary for the installation







TYPE	MODEL	UNITS	INVERTER		
Model No.	Indoor Unit		ASTG09LUCA	ASTG14LUCA	ASTG18LUCA
	Outdoor Unit		AOTG09LUC	AOTG14LUC	AOTG18LUC
Reverse Cycle System			YES	YES	YES
Cooling Capacity		Watts	2,500	4,200	5,000
		BTU/h	8,500	14,300	17,100
Range		Watts	500-3,300	900-5,000	900-5,800
		BTU/h	1,700-11,300	3,100-17,100	3,100-19,800
Heating Capacity		Watts	3,400	5,400	6,000
		BTU/h	11,600	18,400	20,400
Range		Watts	500-4,200	900-6,000	1,050-7,300
		BTU/h	1,700-14,300	3,100-20,500	3,600-24,900
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)			NA	NA	NA
Running Current	Cooling	Amps	2.8	5.7	6.5
	Range		Max 6.0	Max 9.0	max 9.5
	Heating		3.7	6.4	6.7
	Range		Max 7.5	max 10.5	max 13.5
Input	Cooling	Watts	580	1,250	1,530
	Range		250-1,420	250-2,130	180-2,250
	Heating		780	1,470	1,580
	Range		250-1,780	250-2,490	170-3,200
Moisture Removal		l/hr	1.3	2.1	2.6
E.E.R.	Cooling		4.31	3.36	3.27
C.O.P.	Heating		4.36	3.67	3.8
Star Rating	Cooling		4	2	2
	Heating		4	2.5	3
Fan Speeds			4	4	4
Air Circulation	High	l/s	222	250	264
Compressor Type			DC Rotary	DC Rotary	DC Rotary
Dimensions and Weights	I.U. mm	Height	282	282	282
		Width	870	870	870
		Depth	185	185	185
	O.U. mm	Height	540	540	620
		Width	660	790	790
		Depth	290	290	290
	Net Weight	kg	25	34	40
	I.U. Sound Pressure Level		42	45	47
O.U. Sound Pressure Level		49	50	53	
O.U. Sound Power Level		65	67	70	
Refrigerant	Type		R410A	R410A	R410A
Connection Pipe Sizes	Gas	mm	9.52	12.7	12.7
	Liquid		6.35	6.35	6.35
Pre-Charged Length			15	15	15
Minimum Pipe Length			3	3	3
Maximum Pipe Length		Metre	20	20	20
Maximum Pipe Height			15	15	15
Pipe Connection Methods			Flare	Flare	Flare
Outdoor operating Temp.	Cooling	Degrees C	10 to 46	10 to 46	10 to 46
	Heating		-15 to 24	-15 to 24	-15 to 24

# INVERTER WALL MOUNTED - COOLING ONLY

## 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

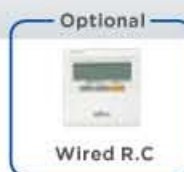
**ASTA07JEC**

Hi-EER: 4.04 (W/W)

2.10kW/7,200 BTU/h



Wireless R.C



Wired R.C



For ASTA07

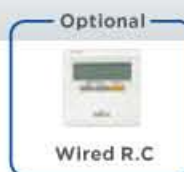
**ASTG09JECA**

Hi-EER: 4.13 (W/W)

2.60kW/8,900 BTU/h



Wireless R.C



Wired R.C



For ASTG09

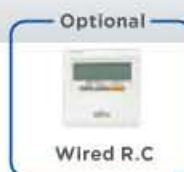
**ASTG12JECA**

Hi-EER: 3.80 (W/W)

3.50kW/11,900 BTU/h



Wireless R.C



Wired R.C



For ASTG12

**ASTA18JC**

Hi-EER: 3.69 (W/W)

5.20kW/17,700 BTU/h

**ASTA24JF**

Hi-EER: 3.32 (W/W)

6.70kW/22,900 BTU/h

**ASTA30JF**

Hi-EER: 3.31 (W/W)

8.00kW/27,300 BTU/h

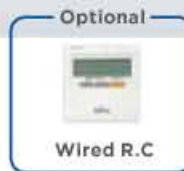
**ASTA34JF**

Hi-EER: 2.94 (W/W)

9.40kW/32,100 BTU/h



Wireless R.C



Wired R.C



For ASTA18/24



For ASTA30/34

## FEATURES & BENEFITS

### Air conditioner filter features



#### Long-life\* Ion Deodorisation Filter

The filter deodorises by powerfully decomposing absorbed odours using the oxidising and reducing effects of ions generated by the ultra-fine-particle ceramic.

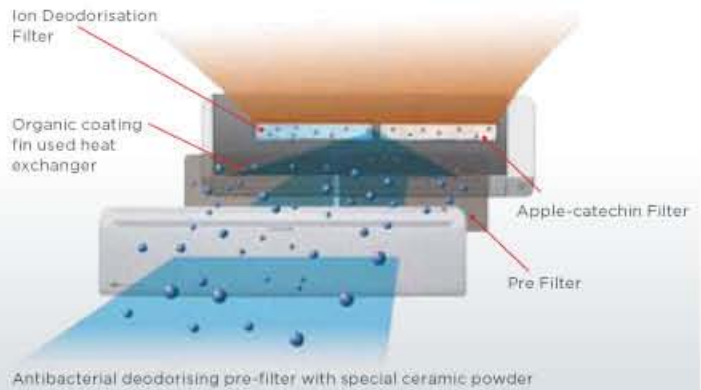


\*The filter can be used for approx. 3 years if it is washed under water to restore its surface action when it is dirty.



#### Apple-catechin Filter

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



TYPE	MODEL	UNITS	INVERTER							
Model No.	Indoor Unit Outdoor Unit		ASTA07JEC AOTR07JEC	ASTG09JECA AOTG09JEC	ASTG12JECA AOTG12JEC	ASTA18JCC AOTR18JCC	ASTA24JFCB AOTR24JFCB	ASTA30JFCB AOTR30JFTB	ASTA34JFC AOTR34JFT	
Reverse Cycle System			No	No	No	No	No	No	No	
Cooling Capacity		Watts	2,100	2,600	3,500	5,200	6,700	8,000	9,400	
		BTU/h	7,200	8,900	11,900	17,700	22,900	27,300	32,100	
Range		Watts	500-3,000	900-3,200	900-4,000	900-6,000	900-8,000	2,900-9,000	2,900-10,000	
		BTU/h	1,700-10,200	3,100-10,900	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		
Phase-Frequency		Ph- Hz	1-50	1-50	1-50	1-50	1-50	1-50		
Power Supply Attachment			Indoor/ 10 amp plug	Outdoor/NA	Outdoor/NA	Outdoor/NA	Outdoor/NA	Outdoor/NA	Outdoor/NA	
Running Current	Cooling	Amps	2.6	3.1	4.2	6.1	8.6	10.2	13.5	
	Range		Max 6.0	Max 6.0	Max 6.5	Max 9	Max 11.5	Max 17	Max 18	
	Heating		-	-	-	-	-	-	-	
	Range		-	-	-	-	-	-	-	
Input	Cooling	Watts	520	630	920	1,410	2,020	2,420	3,200	
	Range		250-1,270	250-1,270	250-1,540	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	2.7	3.2	3.6	
E.E.R.	Cooling		4.04	4.13	3.80	3.69	3.32	3.31	2.94	
C.O.P.	Heating		-	-	-	-	-	-	-	
Star Rating	Cooling		3	3.5	3	2.5	2	2	1.5	
	Heating		-	-	-	-	-	-	-	
Fan Speeds			4	4	4	4	4	4	4	
Air Circulation	High	l/s	208	192	208	250	306	306	347	
Compressor Type			DC Rotary	DC Rotary	DC Rotary	DC Rotary	DC Rotary	DC Rotary	DC Rotary	
Dimensions and Weights	I.U. mm	Height	260	260	280	320	320	320	320	
		Width	790	790	790	998	998	998	998	
		Depth	198	198	203	228	228	228	228	
	O.U. mm	Net Weight	kg	7.5	7.5	8.0	14	14	14	14
		Height	540	540	540	620	620	830	830	
		Width	660	660	790	790	790	900	900	
	Net Weight	Depth	290	290	290	298	298	330	330	
		kg	28	29	35	40	40	58	58	
	I.U. Sound Pressure Level		dBA @1metre	43	43	43	43	47	48	52
O.U. Sound Pressure Level		dBA	48	49	49	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	mm	6.35	6.35	6.35	6.35	6.35	9.52	9.52	
Pre Charged Length			10	7.5	7.5	15	15	20	20	
Minimum Pipe Length		Metre	3	3	3	3	3	5	5	
Maximum Pipe Length		Metre	15	15	20	30	30	30	30	
Maximum Pipe Height		Metre	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 WALL MOUNTED - REVERSE CYCLE

## INVERTER WALL MOUNTED

### ASTG09LV

Hi-EER: 4.31 (W/W)  
 Hi-COP: 4.66 (W/W)  
 C 2.50kW/8,500 BTU/h  
 H 3.40kW/11,600 BTU/h

### ASTG12LV

Hi-EER: 3.80 (W/W)  
 Hi-COP: 4.32 (W/W)  
 C 3.50kW/11,900 BTU/h  
 H 4.80kW/16,400 BTU/h

### ASTG18LV

Hi-EER: 3.27 (W/W)  
 Hi-COP: 4.03 (W/W)  
 C 5.00kW/17,100 BTU/h  
 H 6.00kW/20,400 BTU/h

### ASTG22LV

Hi-EER: 3.23 (W/W)  
 Hi-COP: 3.55 (W/W)  
 C 6.30kW/21,500 BTU/h  
 H 7.20kW/23,900 BTU/h



Wireless R.C



#### Optional



Wired R.C



For ASTG09LV



For ASTG12LV

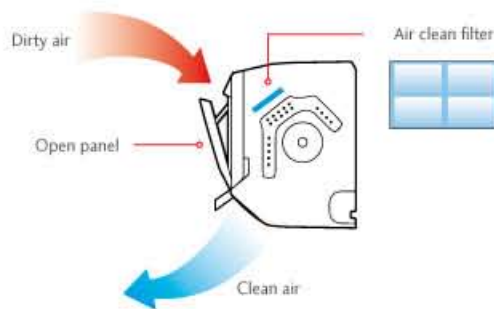


For ASTG18/22LV

### Air conditioner filter features

The ASTG standard air clean filter uses static electricity to clean fine particles and dust in the air such as tobacco smoke and plant pollen that are too small to see.

The filter contains catechin which is highly effective against various bacteria by suppressing the growth of bacteria absorbed by the filter.



- > Clean automatic open panel
- > Air clean (anti-bacteria) filter provides clean airflow for complete comfort

## HIGH EFFICIENCY TECHNOLOGY

Significantly higher efficiency is realised by using DC twin rotary compressor, DC Inverter control and DC fan motor technologies.

### High density multiple path heat exchanger



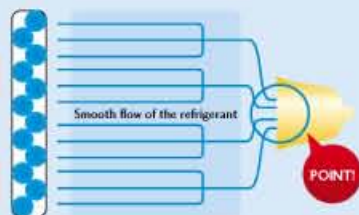
#### High density technology

5mm Copper pipe diameter

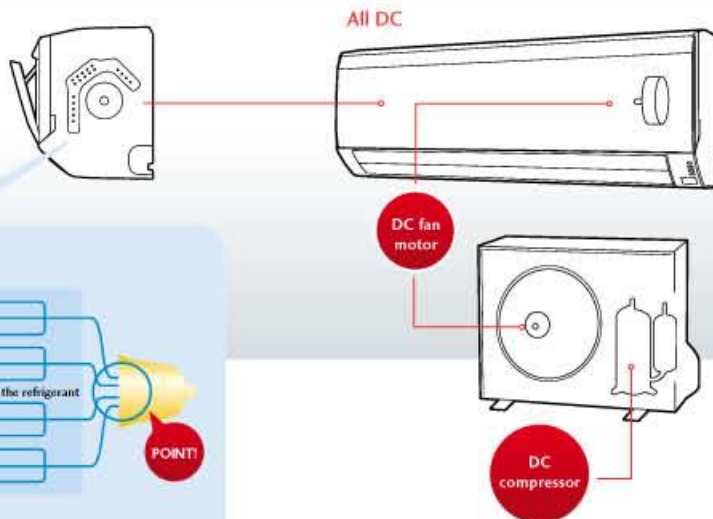
#### Multiple path technology

4\*1 Refrigerant branches

#### Cross section of copper pipes



\*1 For 22 type, refrigerant branches are 6.



## CONTROL OPTIONS



- > Four Standard Timers (On/Off/Program/Sleep Timers)
- > Easy Operation
- > Easy to change transmission code

**Optional Remotes**  
(other accessories required)



Wired remote controller  
Simple remote controller

Wired and wireless remote controllers are acceptable.  
\*Optional communication kit is necessary for the installation




TYPE	MODEL	UNITS	INVERTER			
Model No.	Indoor Unit		ASTG09LVCA	ASTG12LVCB	ASTG18LVCB	ASTG22LVCB
	Outdoor Unit		AOTG09LVC	AOTG12LVCB	AOTG18LVCB	AOTG22LVCB
Reverse Cycle System			Yes	Yes	Yes	Yes
Cooling Capacity		Watts	2,500	3,500	5,000	6,300
		BTU/h	8,500	11,900	17,100	21,500
Range		Watts	500-3,300	900-4,000	900-5,800	900-7,300
		BTU/h	1,700-11,300	3,100-13,600	3,100-19,800	3,100-24,900
Heating Capacity		Watts	3,400	4,800	6,000	7,200
		BTU/h	11,600	16,400	20,400	23,900
Range		Watts	500-4,000	900-5,600	1,050-8,100	1,050-8,700
		BTU/h	1,700-13,600	3,100-19,100	3,600-27,600	3,600-29,700
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
Running Current	Cooling	Amps	2.8	4.2	6.5	8.2
	Range		Max 6.0	Max 6.5	Max 9.5	Max 11.5
	Heating		3.5	5	6.3	8.5
	Range		Max 7.5	Max 9.0	Max 13.5	Max 17.5
Input	Cooling	Watts	580	920	1,530	1,950
	Range		250-1,240	250-1,420	180-2,030	180-2,750
	Heating		730	1,110	1,490	2,030
	Range		250-1,560	250-2,000	170-3,190	170-4,180
Moisture Removal		l/hr	1.3	1.8	2.6	2.7
E.E.R.	Cooling		4.31	3.8	3.27	3.23
C.O.P.	Heating		4.66	4.32	4.03	3.55
Star Rating	Cooling		4	3	2	2
	Heating		4.5	4	3.5	2.5
Fan Speeds			4	4	4	4
Air Circulation	High	l/s	219	225	267	267
Compressor Type			DC Rotary	DC Rotary	DC Rotary	DC Rotary
Dimensions and Weights	I.U. mm	Height	293	293	293	293
		Width	790	790	790	790
		Depth	225	225	225	225
	Net Weight	kg	9.5	9.5	9.5	10
	O.U. mm	Height	540	540	620	620
		Width	660	790	790	790
		Depth	290	290	290	290
	Net Weight	kg	26	35	40	42
I.U. Sound Pressure Level		dB(A)@1metre	41	42	46	48
O.U. Sound Pressure Level		dB(A)	47	48	52	55
O.U. Sound Power Level		dB(A)	64	66	69	72
Refrigerant	Type		R410A	R410A	R410A	R410A
Connection Pipe Sizes	Gas	mm	9.52	9.52	12.7	15.88
	Liquid	mm	6.35	6.35	6.35	6.35
Pre Charged Length			15	15	15	15
Minimum Pipe Length		Metre	3	3	3	3
Maximum Pipe Length			20	20	20	20
Maximum Pipe Height			15	15	15	15
Pipe Connection Methods			Flare	Flare	Flare	Flare
Outdoor operating Temp.	Cooling	Degrees C	10 to 46	10 to 46	10 to 46	10 to 46
	Heating		-15 to 24	-15 to 24	-15 to 24	-15 to 24

# INVERTER WALL MOUNTED - REVERSE CYCLE

## INVERTER WALL MOUNTED

### ASTG24LF

Hi-EER: 3.33 (W/W)  
 Hi-COP: 3.54 (W/W)  
 C 6.8kW/23,200 BTU/h  
 H 8.00kW/27,300 BTU/h

### ASTG30LF

Hi-EER: 3.31 (W/W)  
 Hi-COP: 3.41 (W/W)  
 C 8.00kW/27,300 BTU/h  
 H 9.00kW/30,700 BTU/h

### ASTG34LF

Hi-EER: 3.29 (W/W)  
 Hi-COP: 3.30 (W/W)  
 C 9.2kW/31,400 BTU/h  
 H 10.00kW/34,100 BTU/h



## ALL DC

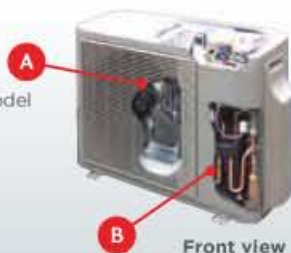


DC fan motor



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

- A DC fan motor
- B DC Compressor  
 More compact compared with conventional model



Front view

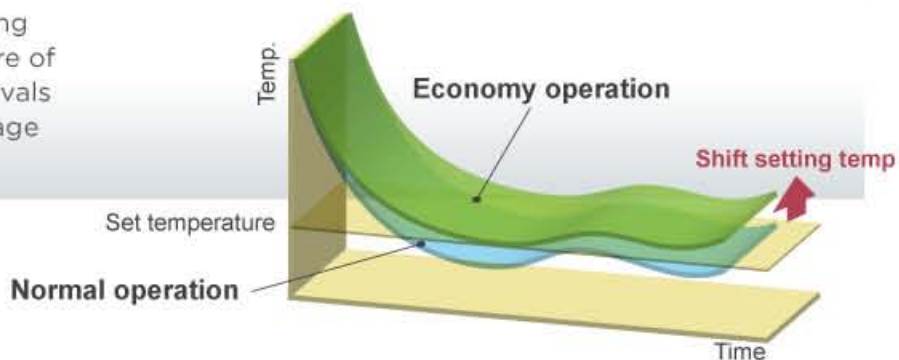


Back view

**New 3-row heat exchange system**  
 (For ASTG24LF)

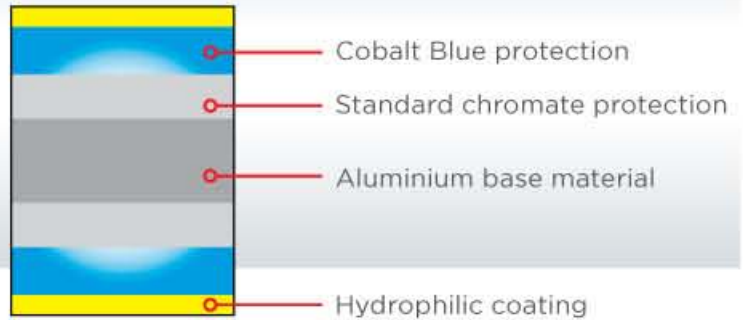
### Economy operation

Economy operation is an energy saving setting that allows the set temperature of the indoor unit to change by 1°C intervals which limits the maximum energy usage of the air conditioner.



## BLUE FIN HEAT EXCHANGER

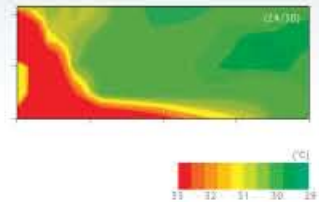
Fujitsu has made an air conditioner to suit almost all installation environments. As over 80% of Australia's population live in coastal areas, Fujitsu has improved the corrosion resistance of all its outdoor unit heat exchangers with the introduction of a blue fin coil treatment.



TYPE	MODEL	UNITS	INVERTER		
Model No.	Indoor Unit		ASTG24LFCB	ASTG30LFCB	ASTG34LFCB
	Outdoor Unit		AOTG24LFLB	AOTG30LFTB	AOTG34LFTB
Reverse Cycle System			Yes	Yes	Yes
Cooling Capacity		Watts	6,800	8,000	9,200
		BTU/h	23,200	27,300	31,400
Range		Watts	900-8,300	2,900-9,000	2,900-10,000
		BTU/h	3,100-28,300	9,900-30,700	9,900-34,100
Heating Capacity		Watts	8,000	9,000	10,000
		BTU/h	27,300	30,700	34,100
Range		Watts	900-10,600	2,200-11,000	2,700-11,200
		BTU/h	3,100-36,200	7,500-37,600	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
Running Current	Cooling	Amps	8.6	10.2	11.8
	Range		Max 13.5	Max 17.0	Max 18.5
	Heating		9.5	11.1	12.8
	Range		Max 18.5	Max 19.0	Max 19.0
Input	Cooling	Watts	2,040	2,420	2,800
	Range		300-3,210	580-4,040	590-4,400
	Heating		2,260	2,640	3,030
	Range		280-4,400	500-4,520	600-4,520
Moisture Removal		l/hr	2.7	3.2	3.5
E.E.R.	Cooling		3.33	3.31	3.29
C.O.P.	Heating		3.54	3.41	3.30
Star Rating	Cooling		2	2	2
	Heating		2.5	2	2
Fan Speeds			4	4	4
Air Circulation	High	l/s	306	311	347
Compressor Type			DC Rotary	DC Rotary	DC Rotary
Dimensions and Weights	I.U. mm	Height	320	320	320
		Width	998	998	998
		Depth	238	238	238
	Net Weight kg	Height	578	830	1,290
		Width	790	900	900
	O.U. mm	Depth	315	330	330
		Net Weight kg	43	61	86
	I.U. Sound Pressure Level		dBA@1metre	47	49
O.U. Sound Pressure Level			53	53	53
O.U. Sound Power Level		dBA	71	69	67
Refrigerant	Type		R410A	R410A	R410A
Connection Pipe Sizes	Gas	mm	15.88	15.88	15.88
	Liquid		6.35	9.52	9.52
Pre Charged Length			15	20	20
Minimum Pipe Length			3	3	5
Maximum Pipe Length		Metre	30	50	50
Maximum Pipe Height			20	30	30
Pipe Connection Methods			Flare	Flare	Flare
Outdoor operating Temp.	Cooling	Degrees C.	-10 to 46	-10 to 46	-5 to 46
	Heating		-15 to 24	-15 to 24	-15 to 24

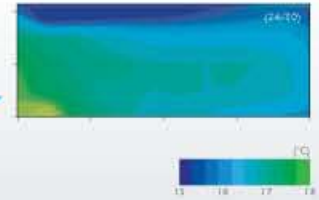
## POWER DIFFUSER

### Introduction of a Power Diffuser



Outside air conditions: 2°C 60%  
 Operation contents: Heating  
 Set temperature (Max set temp): 30°C,  
 airflow Hi, Air direction downward and front

"Strong vertical air flow" provides powerful floor level heating



Outside air conditions: 35°C 40%  
 Operation contents: Cooling  
 Set temperature (Min set temp): 18°C,  
 airflow Hi, Air direction downward and front

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

# 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



Wired R.C



For AUTF18/AUTA24

## INVERTER CASSETTE SPLIT SYSTEM

### 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



IR Receiver Kit



For AUTA30



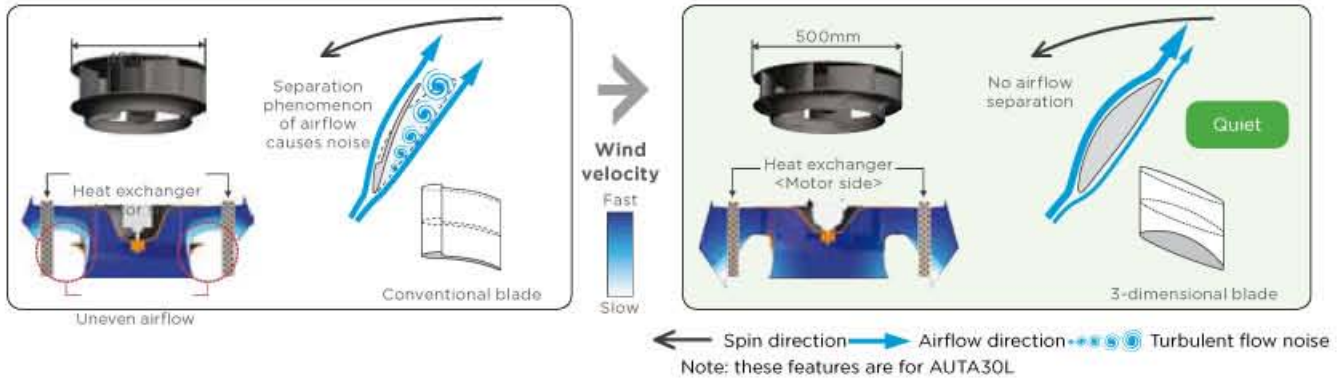


## FEATURES & BENEFITS

### 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.

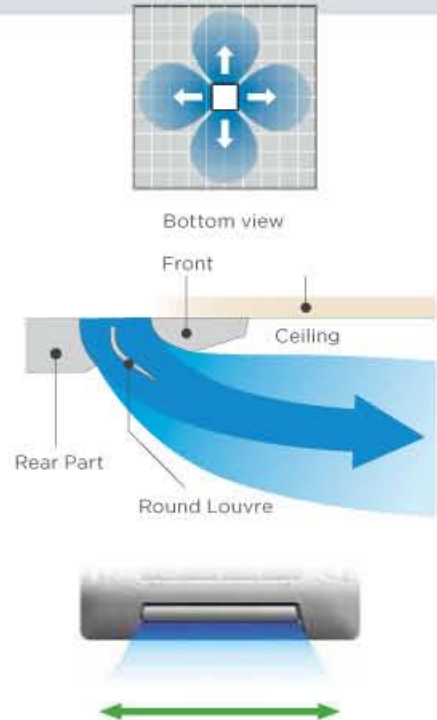


TYPE	MODEL	UNITS	INVERTER		
Model No.	Indoor Unit Outdoor Unit		AUTF18LAL AOTA18LALL	AUTA24LBL AOTA24LALL	AUTA30LBLU AOTA30LGLT
Reverse Cycle System			Yes	Yes	Yes
Cooling Capacity		Watts	5,200	7,100	8,500
		BTU/h	17,700	24,200	29,000
Range		Watts	900-5,900	900-8,000	2,800-10,000
		BTU/h	3,100-20,100	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 Range	Amps	6.8	9.6	10.8
	Heating Range	Amps	Max 9.5	Max 12.5	Max 17.0
Input	Cooling Range	Watts	7.0	9.3	11.6
	Heating Range	Watts	Max 13.0	Max 14.0	Max 17.0
Moisture Removal		l/hr	1,620	2,280	2,570
E.E.R.	Cooling		Max 2,260	Max 2,970	Max 4,040
C.O.P.	Heating		1,650	2,210	2,770
Star Rating	Cooling		Max 3,090	Max 3,330	Max 4,040
Fan Speeds	Heating		2.2	2.7	2.5
Air Circulation		l/s	3.21	3.11	3.31
Compressor Type			3.61	3.61	3.61
Dimensions and Weights	I.U. (Grille) mm	Height	1.5	1.5	2
		Width	2	2	2.5
		Depth	4	4	4
	O.U. mm	Height	189	258	444
		Width	DC Rotary 245(49)	DC Rotary 245(49)	DC Rotary 288(50)
		Depth	570(700)	570(700)	840(950)
Net Weight	kg	15(2.6)	17(2.6)	26(5.5)	
		578	578	830	
I.U. Sound Pressure Level		dBa@1metre	38	49	40
			50	52	53
O.U. Sound Pressure Level			65	68	69
			12.7	15.88	15.88
Connection Pipe Sizes	Gas	mm	6.35	6.35	9.52
	Liquid	mm	15	15	20
Pre Charged Length		Metre	3	3	5
Minimum Pipe Length			25	30	50
Maximum Pipe Length			15	20	30
Maximum Pipe Height			Flare	Flare	Flare
Pipe Connection Methods			-10 to 46	-10 to 46	-15 to 46
Outdoor operating Temp.	Cooling	Degrees C	-15 to 24	-15 to 24	-15 to 24
	Heating	Degrees C			

### Improvement of the airflow distribution

#### New louvre

The new louvre design allows for a better air circulation to all areas of the room when compared with the previous model.



Temperature irregularity has been reduced by evenly circulating the airflow across the louvre.

# INVERTER CEILING & FLOOR CONSOLE

## INVERTER FLOOR CONSOLE SPLIT SYSTEMS

### 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 AGTV09L/14L

## 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

## INVERTER UNDER CEILING SPLIT SYSTEM

### ABTA30L

C 8.50 kW / 29,000 BTU/h

H 10.0 kW / 34,100 BTU/h



Provides wide air flow & quiet operation.



Wireless R.C

Optional



Wired R.C



For ABTA30L

### Floor Console Airflow

#### Cooling



#### Heating



For AGTV floor model - 2-fan & wide air flow

### Control Setting

Setting by wired remote controller.



(Optional Wired Controller)



(Wireless controller supplied with unit)

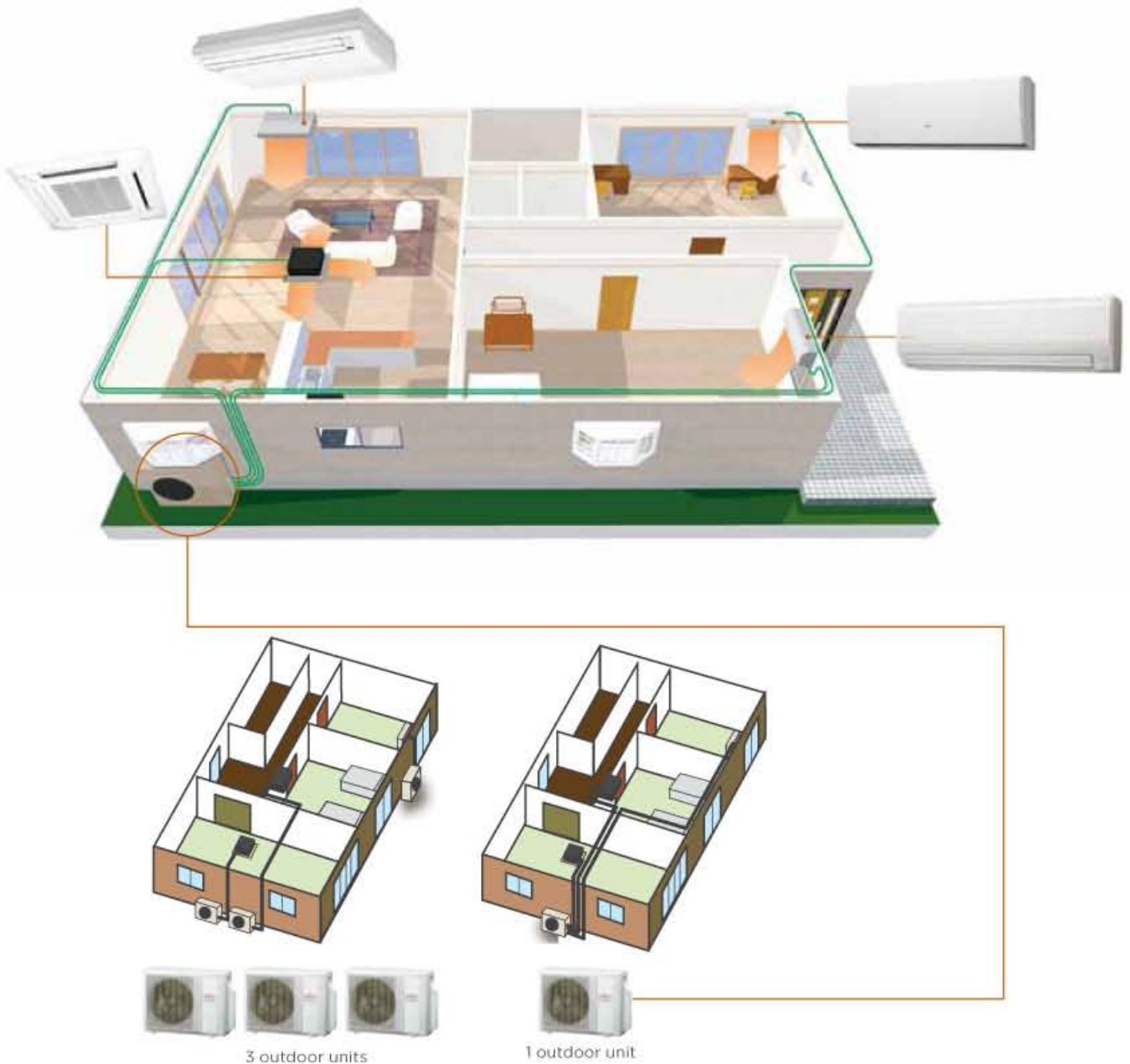
TYPE	MODEL	UNITS	INVERTER				
Model No.	Indoor Unit		AGTV09LAC	AGTV14LAC	ABTF18LAT	ABTF24LAT	ABTA30LBT
	Outdoor Unit		AOTV09LAC	AOTV14LAC	AOTA18LALL	AOTA24LALL	AOTA30LCTL
Reverse Cycle System			Yes	Yes	Yes	Yes	Yes
Cooling Capacity		Watts	2,600	4,200	5,200	7,100	8,500
		BTU/h	8,900	14,300	17,700	24,200	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
Running Current	Cooling	Amps	2.8	5.3	6.8	9.6	10.8
	Heating		7	9	Max 9.5	Max 12.5	Max 17.0
Input	Cooling	Watts	3.8	6.1	7.0	11.6	11.6
	Heating		10	13.5	Max 13.0	Max 14.0	Max 17.0
Moisture Removal	Cooling	l/hr	600	1220	1,620	2,280	2,570
	Heating		250-1,400	250-1,950	Max 2,260	Max 2,970	Max 4,040
E.E.R.	Cooling	C.O.P.	810	1440	1,660	2,210	2,770
	Heating		250-2,200	250-3,050	Max 3,090	Max 3,330	Max 4,040
Star Rating	Cooling		1.3	2.1	2	2.7	2.5
Fan Speeds	Cooling	l/s	4.33	3.44	3.21	3.11	3.31
	Heating		4.32	3.61	3.61	3.61	3.61
Air Circulation	Cooling		3.5	2.0	2	1.5	2
Compressor Type	Heating		3.5	2.5	2.5	2	2.5
			4	4	4	4	4
Dimensions and Weights	I.U. mm	Height	158	180	217	272	461
		Width	DC Rotary	DC Rotary	DC Rotary	DC Rotary	DC Rotary
		Depth	600	600	199	199	240
	Net Weight	kg	740	740	990	990	1,660
		kg	200	200	655	655	700
	O.U. mm	Height	14	14	27	27	46
		Width	540	540	578	578	830
		Depth	790	790	790	790	900
	Net Weight	kg	290	300	300	315	330
		kg	36	40	40	44	61
I.U. Sound Pressure Level		40	44	44	49	45	
O.U. Sound Pressure Level		47	50	50	52	53	
O.U. Sound Power Level		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			15	15	15	20	
Minimum Pipe Length			3	3	3	5	
Maximum Pipe Length		Metre	20	20	25	30	
Maximum Pipe Height			15	15	15	20	
Pipe Connection Methods			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		-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24

# INVERTER MULTI SYSTEMS

A new Fujitsu Inverter Multi System is ideal where an individual indoor unit is required in more than one room, eg. a living room and 3 bedrooms. A Multi System allows for one outdoor unit to be connected to a wide variety of 2, 3 or 4 indoor units including Wall Mounted, Floor/Ceiling Console and Cassette models.

## Wide range of indoor units with various models & sizes

The range includes 6 different indoor unit types and 12 different models ranging in capacity from 2.3kW to 6.8kW. With such a wide range of options to choose from, there's a combination to suit almost any need from a small residence to a large shop.



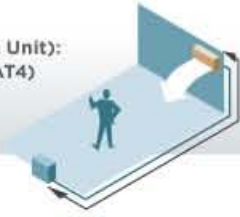
## Space-saving installation

Multiple indoor units can be connected to 1 outdoor unit rather than multiple outdoor units. This means greater installation flexibility and space saving options. Long pipe runs offer even greater choices for installation.

## FLEXIBLE INSTALLATION

Fujitsu Multi type systems can be installed in large buildings and over multiple floors due to the maximum allowable piping length.

Max. Piping Length (Each Unit):  
25m (AOTG24LAT3/30LAT4)



Max. Height:  
15m (AOTG24LAT3/30LAT4)



Total Piping Length:  
50m (AOTG24LAT3)  
70m (AOTG30LAT4)

## INNOVATIVE TECHNOLOGY

### High efficiency large fan

New designed fan has been used to increase airflow efficiency.



### Heat exchanger

A new 3 row heat exchanger has been used which allows for a more compact outdoor unit with higher energy efficiency.

### DC fan motor

High performance and High efficiency has been achieved by using a new small DC Fan motor.

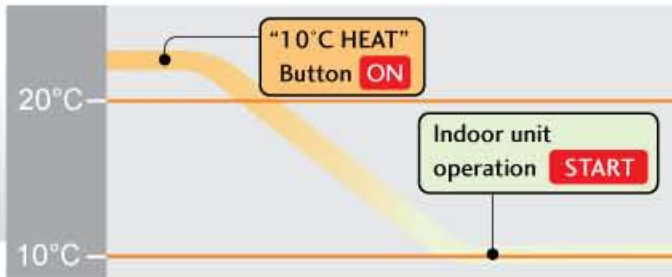


### High efficiency DC twin rotary compressor

A high performance, low noise, large capacity DC twin rotary compressor is used.

## 10°C HEAT OPERATION

The room temperature can be set to go no lower than 10°C, thus ensuring that the room does not get too cold when not occupied.

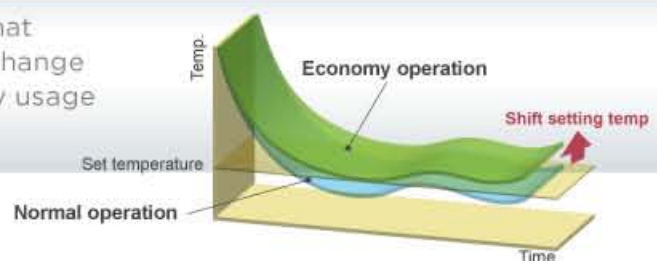


### Caution

When the room temperature is higher than 10°C, "10°C HEAT" operation does not start. Operation starts and maintains the room temperature at 10°C when the temperature drops below 10°C.

## ECONOMY OPERATION

Economy operation is an energy saving setting that allows the set temperature of the indoor unit to change by 1°C intervals which limits the maximum energy usage of the air conditioner.



# OUTDOOR UNITS

## 3 room set-up



**AOTG24LAT3**

**C** 6.80kW/23,200 BTU/h

**H** 8.00kW/27,300 BTU/h

## 4 room set-up



**AOTG30LAT4**

**C** 8.00kW/27,300 BTU/h

**H** 9.60kW/32,800 BTU/h

**ASTG07/09/12LV**



**ASTG18/24LF**



**ASTG09/14LUCA**



**AUTG09/12/18LV**



**ABTG18LV**



	Up/Down	Double	Adjust	Restart	Auto-Changer	HEAT	Fresh	Fresh	Economy	Sleep	Program	W+S	Weekly	Finer	Ice	AF	Wash	Auto	Auto	Human	ALL DC	
ASTG09/14LUCA	•		•	•	•				•	•	•		•	•	•	•	•	•	•	•	•	•
ASTG07/09/12LV	•		•	•	•	•			•	•	•	○		•		•	•	•	•	•	•	•
ASTG18/24LF		•	•	•	•	•				•	•	○		•	•	•	•	•	•	•	•	•
AUTG09/12/18LV	•		•	•	•	•	○	○		•	•	○		•						•	•	•
ABTG18LV		•	•	•	•	•	○	○	•	•	•	○		○				•	•	•	•	•

• Included function ○ Optional function

# INDOOR UNITS THAT CAN BE CONNECTED TO EACH OUTDOOR UNIT

• CONNECTED - NOT CONNECTED

OUTDOOR	COMPACT CASSETTE			COMPACT WALL MOUNTED				WALL MOUNTED		FLOOR/CEILING		
	AUTG09-18LVLA			LV		LU		ASTG18-24LF		ABTG-18LVTA		
	BTU Class	12	18	ASTG07-12LV	09	12	09	14	18	24	18	
	09	12	18	ASTG12LVCB	2.0	2.5	3.5	2.5	4.0	5.0	7.0	5.0
3 ROOMS	AOTG24LAT3	•	•	•	•	•	•	•	•	•	-	•
4 ROOMS	AOTG30LAT4	•	•	•	•	•	•	•	•	•	•	•

## CONTROLLER OPTIONS



TYPE	MODEL	INDOOR UNITS				
		Compact Cassette	Compact Wall Mounted		Wall Mounted	Floor/Ceiling
			LV	LU		
Wired Remote Controller	UTY-RNNYN	•	•*1	•*2	•	•
Wireless Remote Controller	AR-RAH2E	-	-	-	•	•
	AR-RAH1E	•	•	-	•	•
	AR-REA1E	-	-	•	-	-
Simple Remote Controller	UTY-RSNNY	•	•*1	•*2	•	•

• Included controller • Optional controller \*1 Optional Communication Kit (UTY-XCBXZ1) is necessary for the installation \*2 Optional Communication kit (UTY-TWBXF) is necessary for the installation

## INDOOR UNIT CONNECTION PATTERN

3 ROOMS - AOTG24LAT3 CONNECTABILITY					
NO.	ROOM 1	ROOM 2	ROOM 3	ROOM 4	TOTAL
1	7	7	-	-	14
2	7	9	-	-	16
3	7	12	-	-	19
4	7	14	-	-	21
5	7	18	-	-	25
6	9	9	-	-	18
7	9	12	-	-	21
8	9	14	-	-	23
9	9	18	-	-	27
10	12	12	-	-	24
11	12	14	-	-	26
12	12	18	-	-	30
13	7	7	7	-	21
14	7	7	9	-	23
15	7	7	12	-	26
16	7	7	14	-	28
17	7	9	9	-	25
18	7	9	12	-	28
19	7	9	14	-	30
20	7	12	12	-	31
21	7	12	14	-	33
22	9	9	9	-	27
23	9	9	12	-	30
24	9	9	14	-	32
25	9	12	12	-	33
26	9	12	14	-	35
27	12	12	12	-	36

# INDOOR UNIT CONNECTION PATTERN (CONT'D)

4 ROOMS - AOTG30LAT4 CONNECTABILITY						
1	7	7	14	-	28	
2	7	7	18	-	32	
3	7	7	24	-	38	
4	7	9	12	-	28	
5	7	9	14	-	30	
6	7	9	18	-	34	
7	7	9	24	-	40	
8	7	12	12	-	31	
9	7	12	14	-	33	
10	7	12	18	-	37	
11	7	12	24	-	43	
12	7	14	14	-	35	
13	7	14	18	-	39	
14	7	14	24	-	45	
15	7	18	18	-	43	
16	7	18	24	-	49	
17	9	9	9	-	27	
18	9	9	12	-	30	
19	9	9	14	-	32	
20	9	9	18	-	36	
21	9	9	24	-	42	
22	9	12	12	-	33	
23	9	12	14	-	35	
24	9	12	18	-	39	
25	9	12	24	-	45	
26	9	14	14	-	37	
27	9	14	18	-	41	
28	9	14	24	-	47	
29	9	18	18	-	45	
30	12	12	12	-	35	
31	12	12	14	-	38	
32	12	12	18	-	42	
33	12	12	24	-	48	
34	12	14	14	-	40	
35	12	14	18	-	44	
36	12	18	18	-	48	
37	7	7	7	7	28	
38	7	7	7	9	30	
39	7	7	7	12	33	
40	7	7	7	14	35	
41	7	7	7	18	39	
42	7	7	9	9	32	
43	7	7	9	12	35	
44	7	7	9	14	37	
45	7	7	9	18	41	
46	7	7	12	12	38	
47	7	7	12	14	40	
48	7	7	12	18	44	
49	7	7	14	14	42	
50	7	9	9	9	34	
51	7	9	9	12	37	
52	7	9	9	14	39	
53	7	9	9	18	43	
54	7	9	12	12	40	
55	7	9	12	14	42	
56	7	9	12	18	46	
57	7	9	14	14	44	
58	7	12	12	12	43	
59	7	12	12	14	45	
60	7	12	12	18	49	
61	7	12	14	14	47	
62	9	9	9	9	36	
63	9	9	9	12	39	
64	9	9	9	14	41	
65	9	9	9	18	45	
66	9	9	12	12	42	
67	9	9	12	14	44	
68	9	9	12	18	48	
69	9	9	14	14	46	
70	9	12	12	12	45	
71	9	12	12	14	47	
72	9	12	14	14	49	
73	12	12	12	12	48	

**3 room notes:**  
 7: 7000Btu/h, 9: 9000Btu/h, 14: 14000Btu/h, 18: 18000Btu/h models

**4 room notes:**  
 7: 7000Btu/h, 9: 9000Btu/h, 14: 14000Btu/h, 18: 18000Btu/h, 24: 24000Btu/h models



# INVERTER MULTI SYSTEMS

TYPE	MODEL	UNITS	WALL MOUNTED - DESIGNER RANGE				
			ASTG09LUCA		ASTG14LUCA		
Model No.	Indoor Unit		AOTG24LAT3	AOTG30LAT4	AOTG24LAT3	AOTG30LAT4	
Reverse Cycle System	Outdoor Unit		Yes		Yes		
Capacity Class		kW	2.5		4.0		
Cooling Capacity		Watts	2,700	2,700	4,200	4000	
		BTU/h	9,220	9,220	14,343	13,660	
Range (Maximum for Inverter Multi)		Watts	3,300	3,400	4,800	4,500	
		BTU/h	11,270	11,611	16,392	15,368	
Heating Capacity		Watts	3,300	3,300	4,800	4,800	
		BTU/h	11,270	11,270	16,392	16,392	
Range (Maximum for Inverter Multi)		Watts	4,200	3,700	5,800	5,800	
		BTU/h	14,343	12,636	19,808	19,808	
Power Supply		Volts	240		240		
Phase-Frequency		Ph-Hz	1-50		1-50		
Power Supply Attachment			Outdoor		Outdoor		
Plug Size (If Applicable)			NA		NA		
Running Current	Cooling Range	Amps	0.14		0.2		
	Heating Range						
	Cooling Range						
Input	Cooling Range	Watts	16		23		
	Heating Range						
	Heating Range						
Moisture Removal		l/hr					
E.E.R.	Cooling		-	-	-	-	
C.O.P.	Heating		-	-	-	-	
Star Rating	Cooling		-	-	-	-	
	Heating		-	-	-	-	
Fan Speeds			4		4		
Air Circulation	High	l/s	167		197		
Compressor Type			DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	
	Dimensions and Weights	I.U. mm	Height	282		292	
			Width	870		870	
			Depth	185		185	
			Net Weight	9.5		9.5	
		O.U. mm	Height	700	830	700	830
			Width	900	900	900	900
			Depth	330	330	330	330
		Net Weight	55	68	55	68	
I.U. Sound Pressure Level		dBa@1metre	36		41		
O.U. Sound Pressure Level		dBa	48	50	48	50	
O.U. Sound Power Level		dBa	64	64	64	64	
Refrigerant	Type		R410A		R410A		
Connection Pipe Sizes	Gas	mm	9.52		12.7		
	Liquid		6.35		6.35		
Pre Charged Length			-		-		
Minimum Pipe Length			5		5		
Maximum Pipe Length per unit Inverter Multi only			-		-		
Maximum Pipe Length			25		25		
Maximum Pipe Height			10		10		
Pipe Connection Methods			Flare	Flare	Flare	Flare	
Outdoor operating Temp	Cooling	Degrees C	-10 to 46	0 to 46	-10 to 46	0 to 46	
	Heating		-15 to 24	-10 to 24	-15 to 24	-10 to 24	



# INVERTER MULTI SYSTEMS (CONT'D)

TYPE	MODEL	UNITS	COMPACT WALL MOUNTED						WALL	
			ASTG07LVCA		ASTG09LVCA		ASTG12LVCB		ASTG18LVCA	
Model No.	Indoor Unit		AOTG24LAT3	AOTG30LAT4	AOTG24LAT3	AOTG30LAT4	AOTG24LAT3	AOTG30LAT4	AOTG24LAT3	AOTG30LAT4
Reverse Cycle System			Yes		Yes		Yes		Yes	
Capacity Class		kW	2		2.5		3.5		5	
Cooling Capacity		Watts	2,300	2,300	2,700	2,700	3,500	3,500	5,000	5,200
		BTU/h	7,854	7,854	9,220	9,220	11,953	11,953	17,075	17,758
Range (Maximum for Inverter Multi)		Watts	2,700	2,700	3,300	3,400	3,700	3,800	5,600	6,000
		BTU/h	9,220	9,220	11,270	11,611	12,636	12,977	19,125	20,491
Heating Capacity		Watts	2,700	2,700	3,300	3,300	3,800	3,800	6,000	6,000
		BTU/h	9,220	9,220	11,270	11,270	12,977	12,977	20,491	20,491
Range (Maximum for Inverter Multi)		Watts	3,300	3,300	4,200	3,700	4,800	4,500	7,100	7,100
		BTU/h	11,270	11,270	14,343	12,636	16,392	15,368	24,247	24,247
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	
Plug Size (If Applicable)			NA		NA		NA		NA	
Running Current	Cooling	Amps	0.14		0.14		0.16		0.33	
	Heating									
Input	Cooling	Watts	16		16		19		37	
	Heating									
Moisture Removal		l/hr								
E.E.R.	Cooling		-	-	-	-	-	-	-	
C.O.P.	Heating		-	-	-	-	-	-	-	
Star Rating	Cooling		-	-	-	-	-	-	-	
	Heating		-	-	-	-	-	-	-	
Fan Speeds			4		4		4		4	
Air Circulation	High	l/s	178		178		194		250	
Compressor Type			DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary
Dimensions and Weights	I.U. mm	Height	293		293		293		320	
		Width	790		790		790		998	
		Depth	225		225		225		238	
	O.U. mm	Net Weight	9.5		9.5		9.5		14	
		Height	700	830	700	830	700	830	700	830
		Width	900	900	900	900	900	900	900	900
Net Weight	Depth	330	330	330	330	330	330	330	330	
	kg	55	68	55	68	55	68	55	68	
I.U. Sound Pressure Level			36	36	36	36	38	38	43	
O.U. Sound Pressure Level		dBa@1metre	48	50	48	50	48	50	48	50
O.U. Sound Power Level		dBa	64	64	64	64	64	64	64	64
Refrigerant	Type		R410A		R410A		R410A		R410A	
Connection Pipe Sizes	Gas	mm	9.52		9.52		9.52		12.7	
	Liquid		6.35		6.35		6.35		6.35	
Pre Charged Length			-		-		-		-	
Minimum Pipe Length			5		5		5		5	
Maximum Pipe Length per unit Inverter Multi only		Metre	-		-		-		-	
Maximum Pipe Length			25		25		25		25	
Maximum Pipe Height			10		10		10		10	
Pipe Connection Methods			Flare	Flare	Flare	Flare	Flare	Flare	Flare	Flare
			-10 to 46	0 to 46	-10 to 46	0 to 46	-10 to 46	0 to 46	-10 to 46	0 to 46
Outdoor operating Temp	Cooling	Degrees C	-15 to 24		-15 to 24		-15 to 24		-15 to 24	
	Heating									

\* Specifications for each indoor unit listed is subject to the outdoor unit which it is connected to. Please consult a Fujitsu stockist for further information.



MOUNTED		COMPACT CASSETTE				FLOOR CEILING		OUTDOOR UNIT			
ASTG24LFCB		AUTG09LVLA		AUTG12LVLA		AUTG18LVLA		ABTG18LVTA		-	
AOTG24LAT3	AOTG30LAT4	AOTG24LAT3	AOTG30LAT4	AOTG24LAT3	AOTG30LAT4	AOTG24LAT3	AOTG30LAT4	AOTG24LAT3	AOTG30LAT4	AOTG24LAT3	AOTG30LAT4
Yes		Yes		Yes		Yes		Yes		Yes	
-	6,800	2,700	2,700	3,500	3,500	5,000	5,200	5,000	5,200	6,800	8,000
-	23,223	9,220	9,220	11,953	11,953	17,075	17,758	17,075	17,758	23,200	27,300
-	7,400	3,300	3,400	3,700	3,800	5,600	6,000	5,600	6,000	1,800-8,500	3,500-10,100
-	25,272	11,270	11,611	12,636	12,977	19,125	20,491	19,125	20,491	6,100-29,000	11,940-34,500
-	8,200	3,300	3,300	3,800	3,800	6,000	6,000	6,000	6,000	8,000	9,600
-	28,004	11,270	11,270	12,977	12,977	20,491	20,491	20,491	20,491	27,300	32,800
-	9,000	4,200	3,700	4,800	4,500	7,100	7,100	7,100	7,100	2,000-9,200	3,700-12,000
-	30,736	14,343	12,636	16,392	15,368	24,247	24,247	24,247	24,247	6,800-31,400	12,620-41,000
240		240		240		240		240		240	
1-50		1-50		1-50		1-50		1-50		1-50	
Outdoor		Outdoor		Outdoor		Outdoor		Outdoor		Outdoor	
NA		NA		NA		NA		NA		NA	
0.53		0.15		0.19		0.3		0.36		8.1	9.3
										Max 10.9	Max 15.0
										8.4	10.1
										Max 12.1	Max 15.0
										1,940	2,220
										Max 2,600	Max 3,560
										2,000	2,400
										Max 2,870	Max 3,580
-	-	-	-	-	-	-	-	-	-	3.5	3.6
-	-	-	-	-	-	-	-	-	-	4	4
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
4		4		4		4		4		2	2
311		150		169		208		217		917	972
DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary
320		245 (49)		245 (49)		245 (49)		199		-	-
998		570 (700)		570 (700)		570 (700)		990		-	-
238		570 (700)		570 (700)		570 (700)		655		-	-
14		15 (2.6)		15 (2.6)		15 (2.6)		27		-	-
700	830	700	830	700	830	700	830	700	830	700	830
900	900	900	900	900	900	900	900	900	900	900	900
330	330	330	330	330	330	330	330	330	330	330	330
55	68	55	68	55	68	55	68	55	68	55	68
49		33		37		42		41(UC)/44(FC)		-	-
48	50	48	50	48	50	48	50	48	50	48	50
64	64	64	64	64	64	64	64	64	64	64	64
R410A		R410A		R410A		R410A		R410A		R410A	R410A
15.88		9.52		9.52		12.7		12.7		2 x 9.52, 1 x 12.7	2 x 9.52, 2 x 12.7
6.35		6.35		6.35		6.35		6.35		3 x 6.35	4 x 6.35
-		-		-		-		-		30	50
5		5		5		5		5		15	20
-		-		-		-		-		25	25
25		25		25		25		25		Max Total 50	Max Total 70
10		10		10		10		10		15 (IU to OU)	15 (IU to OU)
Flare	Flare	Flare	Flare	Flare	Flare	Flare	Flare	Flare	Flare	Flare	Flare
-10 to 46	0 to 46	-10 to 46	0 to 46	-10 to 46	0 to 46	-10 to 46	0 to 46	-10 to 46	0 to 46	-10 to 46	0 to 46
-15 to 24	-10 to 24	-15 to 24	-10 to 24	-15 to 24	-10 to 24	-15 to 24	-10 to 24	-15 to 24	-10 to 24	-15 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.

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.



**FUJITSU COMFORT**  
AUSTRALIA'S FAVOURITE AIR™



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