



AUSTRALIA'S FAVOURITE AIR™

AIR CONDITIONING RANGE

Ducted

Cassette

Under Ceiling

Multi Systems

ERV's

If it can be designed, we

All over Australia, Fujitsu air conditioning is being installed in some of the most innovative and unusual building applications. That's because our systems offer incredible design flexibility, smoother more efficient control and lower running costs.

So whether you need to air condition a few rooms or a few towers, Fujitsu has the solution. No wonder it's Australia's Favourite Air.

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**

When auto mode is selected for the fan, the micro-processor adjusts the airflow to follow changes in room temperature.
- **Auto Restart**

Should there be 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.
- **Economy Mode**

Limits the maximum operation current, and performs operation with the power consumption suppressed.
- **Sleep Timer**

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

This timer allows a number of on/off control options.
- **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.
- **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-ECS5A* (optional parts).
- **Energy Saving Mode**

This mode raises the set temperature slightly in the cooling mode and lowers the set temperature in the heating mode to economically control the operation of the unit.
- **Filter sign**

Indicates the filter cleaning period by lamp.
- **Control Port**

External inputs and outputs contained within the product allow on/off control, fresh air interlock connection and heater bank element connection. UTD-ECS5A* (optional parts)
- **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.
- **AF**

Apple-catechin filter.
- **ION**

Long-life Ion deodorisation filter.
- **Washable Panel**
- **2-3-4 Multi Rooms**

Up to 4 units can be connected to 1 outdoor unit. Individual controls are available.
- **Cooling**
- **Heating**

can air condition it.

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"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."



Ducted Air Conditioning

The ultimate in air conditioning

Ducted air conditioning is surely the ultimate in comfort. The Fujitsu ducted models offer quiet, efficient operation, are easy to maintain, and operate via a wall mounted LCD control that controls all functions of the system.

Invisible comfort

Whatever shape the room, ducted units create uniform temperatures throughout. The unit is totally concealed, usually within a ceiling void. Cool or warm air is then ducted into each room through outlets positioned in the walls, floor or ceiling. Easily controlled, Fujitsu's ducted systems provide comfort throughout your house without leaving cool or hot spots.

The ducted air conditioning system

- Perfect comfort throughout each room
- Visually appealing
- Concealed installation
- Reverse cycle heating and cooling
- Quiet operation
- Easy-to-use LCD controller.

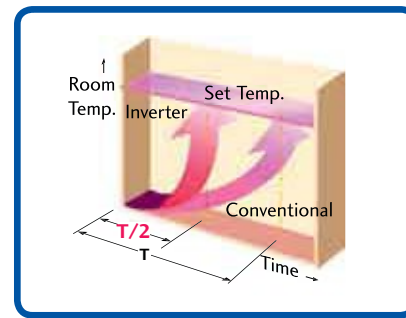


Inverter Ducted Technology

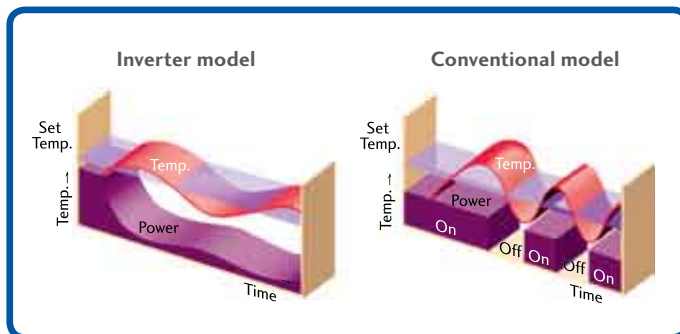
What's an Inverter?

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

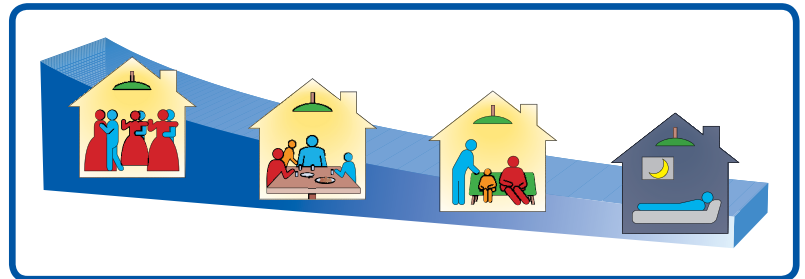


Inverter Control

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.

Stable & Comfortable

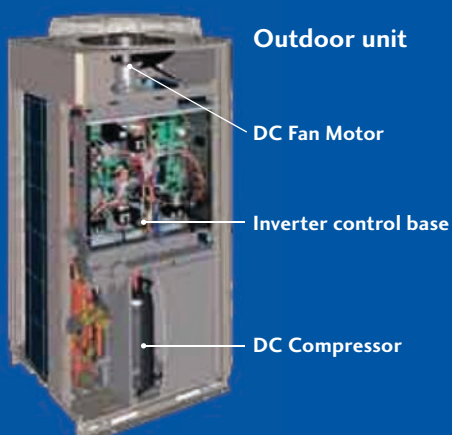
The air conditioner's output is stabilised at the optimum setting within the range from maximum to minimum to match the load, which is affected by factors such as the room temperature and the number of people present.



All DC Components

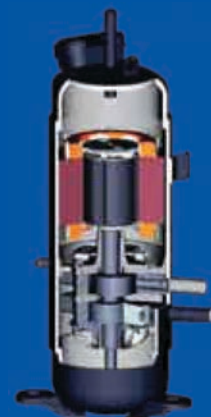


By utilising a DC Compressor and Fan Motor, electricity loss is decreased and power consumption is substantially reduced. In addition, by increasing the air flow on high speed, the heat exchanger efficiency has been improved which has reduced the overall annual power consumption.



High Efficiency DC Twin Rotary Compressor

A high performance, low noise, large capacity DC Twin Rotary Compressor is used for the large three phase ducted systems. The New DC Twin Rotary Compressor has a substantially increased refrigerant intake and compression efficiency which allows for an improvement in overall system energy efficiency.



How do you
get maximum
comfort...

...and use
minimum
energy?



Room Length: 4.4 m

Room Width: 3.5 m

Total square metres: 15 m²

Is most of your window facing north?

Is your ceiling insulated?

YES NO Don't know

YES NO Don't know

next



Fujitsu General (Aust.) Pty Limited.

Visit the Exclusive Fujitsu Economatch™ guide online.

Enjoying year-round comfort and saving heaps on your energy costs has never been easier. Go to www.fujitsugeneral.com.au and put in your room measurements, and Economatch will identify which air conditioner is most energy efficient for you. With the right size air conditioner, you get maximum comfort... and use minimum energy. That's why Fujitsu is Australia's Favourite Air.

AUSTRALIA'S FAVOURITE AIR™



Compact high static ducted features

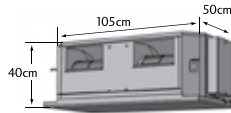
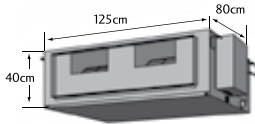
Easy installation (compact size & light weight)

Size & weight have been reduced making installation considerably easier.

Current Model: 75kg

New Model: 50kg

Wire remote controller with cover



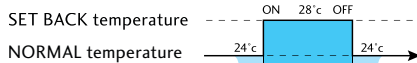
Commercial mode

By enabling the indoor unit's internal controls, you can achieve a continual fan operation in the heating mode, as required for commercial installations.

Operation sound (low noise)

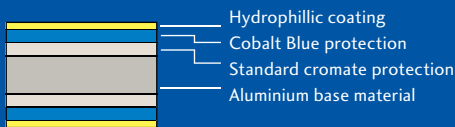
The new ducted models have increased airflow volume & decreased noise levels to 49dBA by adopting a plastic case, plastic fan and three airflow volume switch positions.

Temperature set back timer



Use this timer function to change the set temperature in the operation times set for each day of the week. This can be used together with other timer settings.

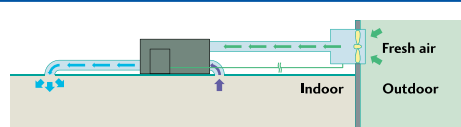
Cobalt blue heat exchanger



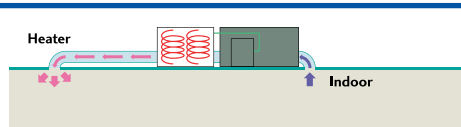
The outdoor unit fins are coated with a blue corrosion resistant material to enhance durability and extend performance life of your air conditioner.

Advanced features (UTD-ECS5A Required)

1. Fresh air output port. External fresh air fans can be connected to run in conjunction with the fan motor of the indoor unit.



2. Electrical heater output port. An External Electrical heater can be set to operate in conjunction with the heating cycle.

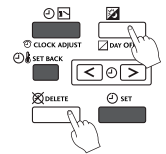


3. External input port. Start/stop of the air conditioner can be controlled from external equipment.

Some functions require commissioning at the time of installation to operate.

Child lock function

Simply pressing a combination of buttons on the standard wired remote controller, locks and unlocks the keypad, stopping accidental and unauthorised use.



Simplified wired remote controller (optional)

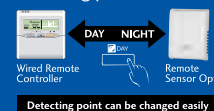
This controller can be used as an optional slave controller for dual comfort. It offers easier operation and backlit display.



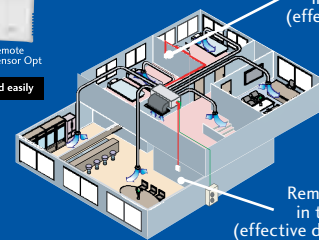
Room temperature sensor selection

- Remote controller has remote sensor included.
- User can select between remote controller sensor and/or return air sensor or remote sensor.

Detecting point can be changed easily



Remote Sensor in the bedroom (effective at night)

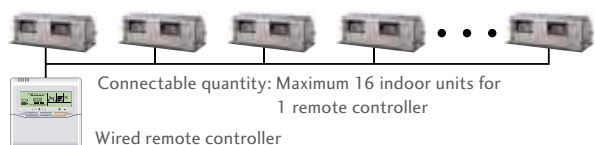


Remote Controller in the living room (effective during the day)

Group control

One remote controller can control up to 16 air conditioners. All of the air conditioners will be operated with the same settings.

Example of ducted system configuration



Dual remote controllers (optional)

An additional controller can be added up to the maximum of two remote controllers. Either remote controller can control the air conditioner. However, the timer functions cannot be used at the slave unit.

Inverter Ducted Split System – Bulkhead Type

ARTF18L

C 5.2 kW / 17,700 BTU/h
H 6.0 kW / 20,500 BTU/h

Adjust Restart Changerover Economy Program On-Off W+S Distributing Fresh CP PAM Max.4





Wired R.C



For ARTF18L



Inverter Ducted Split Systems – High Static

ARTC30L

C 8.8 kW / 30,000 BTU/h
H 10.0 kW / 34,100 BTU/h

ART45L

C 12.5 kW / 42,700 BTU/h
H 14.0 kW / 47,800 BTU/h

Adjust Restart Changerover Economy Program On-Off Weekly W+S Distributing Fresh CP PAM





Wired type
(with weekly/
setback timer)



For ARTC30L/ART45L

Inverter Ducted Split Systems – Slimline Type

ARTA24L

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

ARTA30L

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

ARTA36L

C 10.0 kW / 34,100 BTU/h
H 11.2 kW / 38,200 BTU/h

ARTA45L

C 12.5 kW / 42,700 BTU/h
H 14.0 kW / 47,800 BTU/h

Adjust Restart Changerover Economy Program W+S Fresh Distributing Fresh CP PAM





Wired R.C



For ARTA24L



For ARTA30L



For ARTA36/45L
(For single phase)



Inverter Ducted Split Systems – High Static – 3 Phase

ARTC36L

C 10.0 kW / 34,100 BTU/h
H 11.2 kW / 38,200 BTU/h

ARTC45L

C 12.5 kW / 42,700 BTU/h
H 14.0 kW / 47,800 BTU/h


ARTC54L


C 14.0 kW / 47,800 BTU/h
H 16.0 kW / 54,600 BTU/h

ARTC60L


C 15.0 kW / 51,200 BTU/h
H 18.0 kW / 61,400 BTU/h

Adjust Restart Changerover Economy Program On-Off Weekly W+S Distributing Fresh CP PAM





Wired type
(with weekly/
setback timer)



For ARTC36/45/54/60L

Inverter Ducted Split Systems – High Static – 3 Phase

ARTC72L

C 20.3 kW / 69,300 BTU/h
H 22.6 kW / 77,100 BTU/h

ARTC90L

C 25.0 kW / 85,300 BTU/h
H 28.0 kW / 95,500 BTU/h

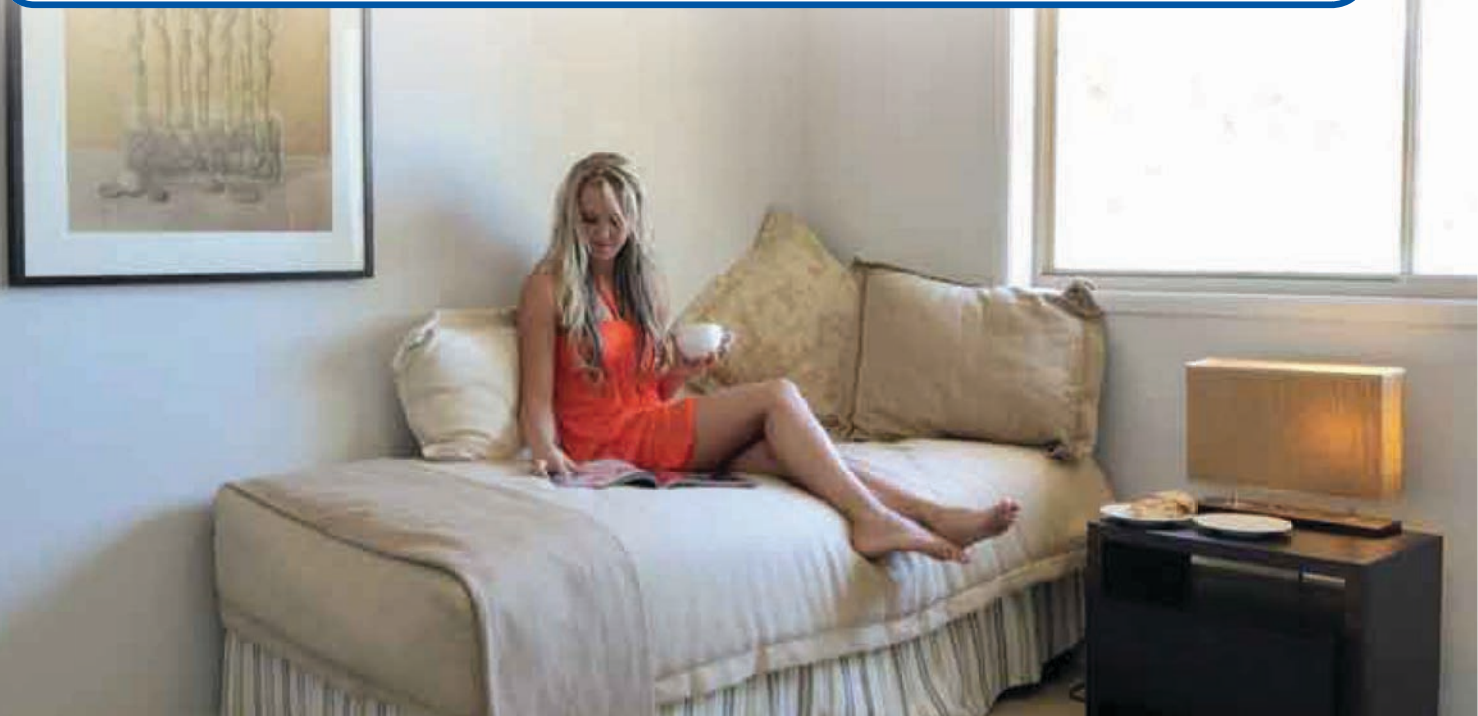
Adjust Restart Changerover Economy Program On-Off W+S Distributing Fresh CP PAM





Wired type
(with weekly/
setback timer)





Features & Benefits

Control Features

Various remote controllers and sensors can be selected.

1. Wired Remote Controller with Thermo Sensor.

- Room temperature sensor selection
- WEEKLY timer
- Temperature SET BACK timer
- Group control system
- Child lock
- Dual remote controllers (optional parts)
- AUTO restart
- Energy saving
- Auto changeover (for heating)
- Hot start (for heating).

2. Simple Remote Controller (optional parts).

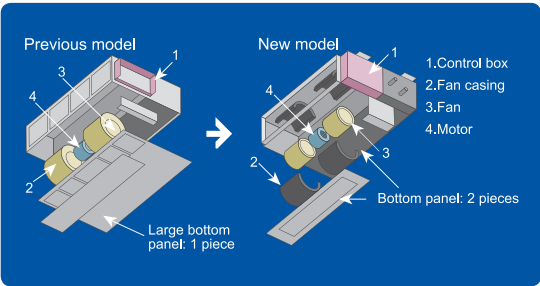
3. Remote Sensor (optional parts).



Slim Line Ducted

Easy maintenance

Structural improvement is attained by making the bottom panel two pieces, front and rear. The internal fan casing is also manufactured in two pieces, namely upper and lower. The maintenance of the motor and fan can be easily carried out by removing the rear panel and the lower part of the casing while leaving the main chassis installed.



See above for the case of rear suction type.

Easy installation

Main work settings can be done easily from the remote controller at installation.

Main work settings

- High ceiling setting
- Auto restart
- Temperature adjustment when cooling/heating.

Optional parts

Flange (Round) : UTD-RF204
Flange (Square) : UTD-SF045T
Remote Sensor Unit: UTD-RS100
External Control Set: UTD-ECS5A
Drain Pump Unit : UTZ-PX1NBA

High Static Ducted

DC twin rotary compressor

High performance DC twin rotary compressor maximizes efficiency from low speed to high speed operation.



DC Fan Motor

High performance and high efficiency compact DC fan motor.



Sine wave DC inverter control

High efficiency operation is realized by using a sine wave DC inverter control.



Inverter Ducted – Bulkhead / Slim Type

TYPE	MODEL	UNITS	INVERTER				
Model No.	Indoor Unit		ARTF18LALU	ARTA24LATU	ARTA30LBTL	ARTA36LATU	ARTA45LATU
	Outdoor Unit		AOTA18LALL	AOTA24LALL	AOTA30LBTL	AOTA36LBTL	AOTA45LBTL
Reverse Cycle System			Yes	Yes	Yes	Yes	Yes
Cooling Capacity		Watts	5,200	7,100	8,500	10,000	12,500
		BTU/h	17,700	24,200	29,000	34,100	42,700
Range		Watts	900-5,900	900-8,000	2,800-10,000	3,800-11,200	4,000-14,000
		BTU/h	31,00-20,100	3,100-27,300	95,00-34,100	13,000-38,200	13,700-47,800
Heating Capacity		Watts	6,000	8,000	10,000	11,200	14,000
		BTU/h	20,500	27,300	34,100	38,200	47,800
Range		Watts	900-7,500	900-9,100	2,700-11,200	4,000-14,000	4,200-16,200
		BTU/h	3,100-25,600	3,100-31,000	9,200-38,200	13,700-47,800	14,300-55,300
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	6.8	9.3	11.6	13	16.3
	Range		Max 9.0	Max 11.5	Max 17	Max 19	Max 20
	Heating		6.7	9.3	11.7	12.7	16.1
	Range		Max 12.5	Max 12.2	Max 17	Max 19	Max 20
Input	Cooling	Watts	1,620	2,280	2,650	3,110	3,890
	Range		Max 2,160	Max 2,970	Max 3,880	Max 4,540	Max 4,780
	Heating		1,660	2,210	2,680	3,020	3,830
	Range		Max 2,960	Max 3,330	Max 3,880	Max 4,540	Max 4,780
Moisture Removal	I/hr		2	2.5	2.5	3	3.5
E.E.R.	Cooling		3.21	3.11	3.21	3.21	3.21
C.O.P.	Heating		3.61	3.61	3.73	3.71	3.66
Star Rating	Cooling		5	4.5	4.5	5	5
	Heating		5	5	5	5.5	5.5
Fan Speeds	Stage		4	4	4	4	4
Air Circulation	High	I/s	228	306	541	561	625
Compressor Type			Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Dimensions and Weights	I.U. mm	Height	217	270	270	270	270
		Width	953	1,135	1,135	1,135	1,135
		Depth	595	700	700	700	700
	Net Weight	kg	23	38	40	41	41
		Height	578	578	830	1290	1290
		Width	790	790	900	900	900
	O.U. mm	Depth	300	315	330	330	330
		kg	40	44	62	98	98
		Height	578	578	830	1290	1290
		Width	790	790	900	900	900
I.U. Sound Pressure Level		dBA@1metre	33	31	42	42	44
O.U. Sound Pressure Level		dBA@1metre	50	53	53	55	56
O.U. Sound Power Level		dBA	65	68	69	69	70
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A
Connection Pipe Sizes	Gas	mm	12.7	15.88	15.88	15.88	15.88
	Liquid	mm	6.35	6.35	9.52	9.52	9.52
Pre Charged Length			15	15	20	20	20
Minimum Pipe Length		Metre	3	3	3	3	3
Maximum Pipe Length		Metre	25	30	50	50	50
Maximum Pipe Height		Metre	15	20	30	30	30
Pipe Connection Methods			Flare	Flare	Flare	Flare	Flare
Outdoor operating Temp.	Cooling	Degrees C	-10 to 46	-10 to 46	-15 to 46	-15 to 46	-15 to 46
	Heating	Degrees C	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24

Inverter Ducted – High Static

TYPE	MODEL	UNITS	INVERTER	
Model No.	Indoor Unit		ARTC30LATU	ART45LUAK
	Outdoor Unit		AOTA30LCTL	AOT45LJBYL
Reverse Cycle System			Yes	Yes
Cooling Capacity		Watts	8,800	12,500
		BTU/h	30,000	42,700
Range		Watts	4,700-10,000	3,600-14,000
		BTU/h	16,000-34,100	12,300-47,800
Heating Capacity		Watts	10,000	14,000
		BTU/h	34,100	47,800
Range		Watts	5,000-11,200	4,700-18,000
		BTU/h	17,100-38,200	12,300-47,800
Power Supply		Volts	240	240
Phase-Frequency		Ph- Hz	1-50	1-50
Power Supply Attachment			Outdoor	Outdoor
Plug Size (If Applicable)		Amps	NA	NA
Running Current	Cooling	Amps	11.3	18.1
	Range		Max 18.5	7.1-21.7
	Heating		11.1	16
	Range		Max 18.5	6.3-20.1
Input	Cooling	Watts	2,700	4,300
	Range		Max 4,380	1,700-5,200
	Heating		2,640	3,800
	Range		Max 4,380	1,500-4,800
Moisture Removal	I/hr		1.0	3.0
E.E.R.	Cooling		3.26	2.91
C.O.P.	Heating		3.79	3.68
Star Rating	Cooling		5	4
	Heating		5.5	5.5
Fan Speeds	Stage		3	3
Air Circulation	High	I/s	694@100Pa	972@100pa
Compressor Type			Twin Rotary	DC Scroll
Dimensions and Weights	I.U. mm	Height	400	400
		Width	1,050	1,050
		Depth	500	500
	Net Weight	kg	42	50
		Height	1,290	1,290
		Width	900	900
	O.U. mm	Depth	330	330
		kg	98	105
		Height	43	49
		Width	52	54
I.U. Sound Pressure Level		dBA@1metre	52	54
O.U. Sound Pressure Level		dBA@1metre	68	65
O.U. Sound Power Level		dBA	68	65
Refrigerant	Type		R410A	R410A
Connection Pipe Sizes	Gas	mm	15.88	15.88
	Liquid	mm	9.52	9.52
Pre Charged Length			20	20
Minimum Pipe Length		Metre	5	5
Maximum Pipe Length		Metre	50	50
Maximum Pipe Height		Metre	30	30
Pipe Connection Methods			Flare	Flare
Outdoor operating Temp.	Cooling	Degrees C	-15 to 46	0 to 43
	Heating	Degrees C	-15 to 24	-10 to 21

Inverter Ducted – High Static – 3 Phase

TYPE	MODEL	UNITS	INVERTER					
Model No.	Indoor Unit		ARTC36LCTU	ARTC45LCTU	ARTC54LCTU	ARTC60LCTU	ARTC72LATU	ARTC90LATU
	Outdoor Unit		AOTD36LATT	AOTD45LATT	AOTD54LBT	AOTD60LATT	AOTA72LALT	AOTA90LALT
Reverse Cycle System			Yes	Yes	Yes	Yes	Yes	Yes
Cooling Capacity		Watts	10,000	12,500	14,000	15,000	20,300	25,000
		BTU/h	34,100	42,700	47,800	51,200	69,300	85,300
Range		Watts	4,700-11,400	5,400-14,000	6,000-16,000	6,000-17,500	10,800-23,500	11,200-28,000
		BTU/h	16,000-38,900	18,400-47,800	20,500-54,600	20,500-59,700	36,800-80,200	38,200-95,500
Heating Capacity		Watts	11,200	14,000	16,000	18,000	22,600	28,000
		BTU/h	38,200	47,800	54,600	61,400	77,100	95,500
Range		Watts	5,000-14,000	5,800-16,200	6,400-18,000	6,400-20,000	12,000-26,500	12,500-31,500
		BTU/h	17,000-47,800	19,800-55,300	21,800-61,500	21,800-68,200	40,900-90,400	42,600-107,500
Power Supply		Volts	415	415	415	415	415	415
Phase-Frequency		Ph- Hz	3-50	3-50	3-50	3-50	3-50	3-50
Power Supply Attachment			Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Plug Size (If Applicable)		Amps	NA	NA	NA	NA	NA	NA
Running Current	Cooling	Amps	4.4	5.8	6.7	7.5	9.3	11.5
	Range		Max 10.0	Max 11.0	Max 12.0	Max 12.0	Max 22.8	Max 25.8
	Heating		4.2	5.2	6.2	7.5	9.3	12.1
	Range		Max 10.0	Max 11.0	Max 12.0	Max 12.0	Max 22.8	Max 25.8
Input	Cooling	Watts	3,090	4,060	4,750	5,320	6,250	7,820
	Range		Max 5,460	Max 6,140	Max 7,080	Max 6,830	Max 10,100	Max 12,500
	Heating		2,940	3,670	4,370	5,280	6,270	8,240
	Range		Max 5,460	Max 6,140	Max 7,080	Max 6,830	Max 10,100	Max 12,500
Moisture Removal	l/hr		1.5	1.5	2.5	3.0	4.5	6.0
E.E.R.	Cooling		3.24	3.08	2.95	2.82	3.25	3.20
C.O.P.	Heating		3.81	3.81	3.66	3.41	3.60	3.40
Star Rating	Cooling		NA	NA	NA	NA	NA	NA
	Heating		NA	NA	NA	NA	NA	NA
Fan Speeds	Stage		3	3	3	3	3	3
Air Circulation	High	l/s	700	938	958	966	1,190	1,340
Compressor Type			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	400	400	400	400	450	550
		Width	1,050	1,050	1,050	1,050	1,587	1,587
		Depth	500	500	500	500	825	825
	Net Weight	kg	42	46	46	46	100	110
		Height	1,290	1,290	1,290	1,290	1,690	1,690
		Width	900	900	900	900	930	930
	O.U. mm	Depth	330	330	330	330	765	765
		kg	107	107	107	107	215	215
		dBA@1metre	45	47	47	47	47	49
		dBA@1metre	53	54	55	56	57	58
O.U. Sound Power Level	dBA	67	68	70	71	75	78	
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A	
Connection Pipe Sizes	Gas	mm	15.88	15.88	15.88	15.88	25.4	25.4
	Liquid	mm	9.52	9.52	9.52	9.52	12.7	12.7
Pre Charged Length			30	30	30	30	20	20
Minimum Pipe Length		Metre	5	5	5	5	5	5
Maximum Pipe Length		Metre	75	75	75	75	75	75
Maximum Pipe Height		Metre	30	30	30	30	30	30
Pipe Connection Methods			Flare	Flare	Flare	Flare	Brazed	Brazed
Outdoor operating Temp.	Cooling	Degrees C	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-5 to 46	-5 to 46
	Heating	Degrees C	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24

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

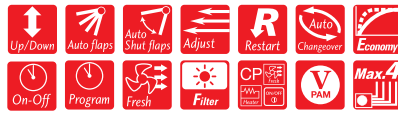
Provide wide air flow & quiet operation.



ALL DC Grille is an option.



Wireless R.C



Optional



Wired R.C



For AUTF18/AUTA24L

Inverter Cassette Split Systems

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

AUTA36L
C 10.0 kW / 34,100 BTU/h
H 11.2 kW / 38,200 BTU/h

AUTA45L
C 12.5 kW / 42,700 BTU/h
H 14.0 kW / 47,800 BTU/h

Provide wide air flow & quiet operation.



ALL DC Grille is an option.



Wired R.C

Optional



IR Receiver Kit



For AUTA30



For AUTA36/45L



Inverter Cassette Split System – 3 Phase

AUTA54L
C 14.0 kW / 47,800 BTU/h
H 16.0 kW / 54,600 BTU/h

Provide wide air flow & quiet operation.



ALL DC Grille is an option.



Wired R.C

Optional



IR Receiver Kit



AUTA54L
(For 3 Phase)



INVERTER UNDER CEILING

Inverter Dual Console Split Systems – Floor/Ceiling

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



ALL DC



Wireless R.C



Optional



Wired R.C



For ABTF18/24L

Inverter Under Ceiling Split Systems

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

ABTA36L
C 10.0 kW / 34,100 BTU/h
H 11.2 kW / 38,200 BTU/h

ABTA45L
C 12.5 kW / 42,700 BTU/h
H 14.0 kW / 47,800 BTU/h



ALL DC

Under Ceiling installation only.



Wireless R.C

Optional



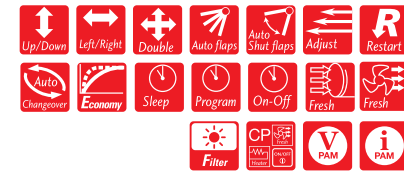
Wired R.C



For ABTA30L



For ABTA36/45L
(For single phase)



Inverter Under Ceiling Split System – 3 Phase

ABTA54L
C 14.0 kW / 47,800 BTU/h
H 16.0 kW / 54,600 BTU/h



ALL DC

Under Ceiling installation only.



Wireless R.C

Optional



Wired R.C



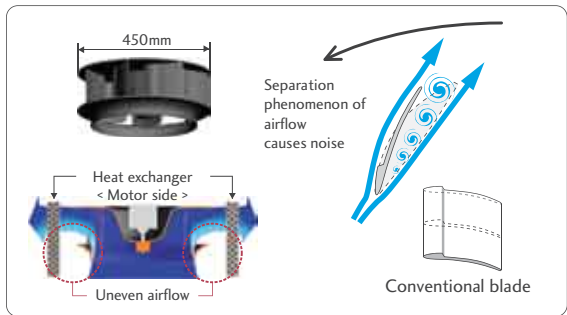
ABTA54L
(For 3 phase)



Features & Benefits – Inverter Cassette

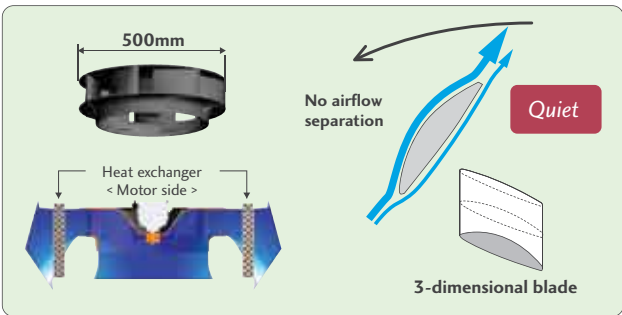
High efficiency turbo fan with 3-dimensional blade

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



Wind velocity
Fast
Slow

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.



Inverter Cassette

TYPE	MODEL	UNITS	INVERTER					
Model No.	Indoor Unit Outdoor Unit		AUTF18LAL AOTA18LALL	AUTA24LBL AOTA24LALL	AUTA30LBLU AOTA30LBLTL	AUTA36LCLU AOTA36LBLTL	AUTA45LCLU AOTA45LBLTL	AUTA54LCLU AOTD54LBTT
Reverse Cycle System			Yes	Yes	Yes	Yes	Yes	Yes
Cooling Capacity		Watts	5,200	7,100	8,500	10,000	12,500	14,000
		BTU/h	17,700	24,200	29,000	34,100	42,700	47,800
Range		Watts	900-5,900	900-8,000	2,800-10,000	3,500-11,200	4,000-14,000	5,400-16,000
		BTU/h	3,100-20,100	31,00-27,300	9,500-34,100	13,000-47,800	13,700-47,800	18,400-54,600
Heating Capacity		Watts	6,000	8,000	10,000	11,200	14,000	16,000
		BTU/h	20,500	27,300	34,100	38,200	47,800	54,600
Range		Watts	900-7,500	900-9,100	2,700-11,200	4,000-14,000	4,200-16,200	5,800-18,000
		BTU/h	3,100-25,600	31,00-31,000	9,200-38,200	13,700-47,800	14,300-55,300	19,800-61,400
Power Supply		Volts	240	240	240	240	240	415
Phase-Frequency		Ph- Hz	1-50	1-50	1-50	1-50	1-50	3-50
Power Supply Attachment			Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Plug Size (If Applicable)		Amps	NA	NA	NA	NA	NA	NA
Running Current	Cooling	Amps	6.8	9.3	11.1	12.3	16.3	6.2
	Range		Max 12.0	Max 12.0	Max 17.0	Max 19.0	Max 20.0	Max 9.9
	Heating		7	9.3	11.6	12.5	16.1	6.3
	Range		Max 12.5	Max 13.5	Max 17.0	Max 19.0	Max 20.0	Max 9.9
Input	Cooling	Watts	1,620	2,280	2,650	2,940	3,890	4,360
	Range		90-2,070	90-2,610	Max 4,040	Max 4,540	Max 4,780	Max 6,480
	Heating		1,660	2,210	2,770	2,980	3,830	4,430
	Range		90-2,520	90-2,800	Max 4,040	Max 4,540	Max 4,780	Max 6,480
Moisture Removal		l/hr	2.2	2.7	2.5	3	4.5	5.0
E.E.R.	Cooling		3.21	3.11	3.21	3.4	3.21	3.21
C.O.P.	Heating		3.61	3.61	3.61	3.76	3.66	3.61
Star Rating	Cooling		5	4.5	5	5.5	5	NA
	Heating		5	5	5	5.5	5.5	NA
Fan Speeds			4	4	4	4	4	4
Air Circulation	High	l/s	188	258	444	500	527	560
Compressor Type			Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary	DC Twin Rotary
Dimensions and Weights	I.U. (Grill) mm	Height	245(49)	245(49)	288(50)	288(50)	288(50)	288(50)
		Width	570(700)	570(700)	840(950)	840(950)	840(950)	840(950)
		Depth	570(700)	570(700)	840(950)	840(950)	840(950)	840(950)
		Net Weight	15(2.6)	17(2.6)	26(5.5)	26(5.5)	26(5.5)	27(5.5)
	O.U. mm	Height	578	578	830	1,290	1,290	1,290
		Width	790	790	900	900	900	900
		Depth	300	315	330	330	330	330
		Net Weight	40	44	62	98	98	107
I.U. Sound Pressure Level		dBA@1metre	38	49	40	44	46	47
O.U. Sound Pressure Level		dBA@1metre	50	52	53	54	55	55
O.U. Sound Power Level		dBA	65	68	69	69	70	70
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A	R410A
Connection Pipe Sizes	Gas		12.7	15.88	15.88	15.88	15.88	15.88
	Liquid	mm	6.35	6.35	9.52	9.52	9.52	9.52
Pre Charged Length			15	15	20	20	20	30
Minimum Pipe Length		Metre	3	3	5	5	5	5
Maximum Pipe Length			25	30	50	50	50	75
Maximum Pipe Height			15	20	30	30	30	30
Pipe Connection Methods			Flare	Flare	Flare	Flare	Flare	Flare
Outdoor operating Temp.	Cooling	Degrees C	-10 to 46	-10 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46
	Heating	Degrees C	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24

Features & Benefits – Inverter Under Ceiling

Improved installation/maintenance

Check joint standard equipment

Service port is provided at the high pressure side of the refrigerant circuit. The operation of the air conditioning refrigeration system can be checked by connecting a pressure gauge, etc. and installation and maintenance work is improved.



Improved handling during installation

The new outdoor unit is equipped with handles at the front and back at about the same height as the left and right so that the unit can be easily carried during installation, etc.

Low noise realised

The outdoor unit's fan shape (large metal plate integrated bell mouth) reduces the air flow resistance and lowers noise levels (external fan guard) so units are less obtrusive to neighbours.

Setting by wired remote controller.



(Optional parts)

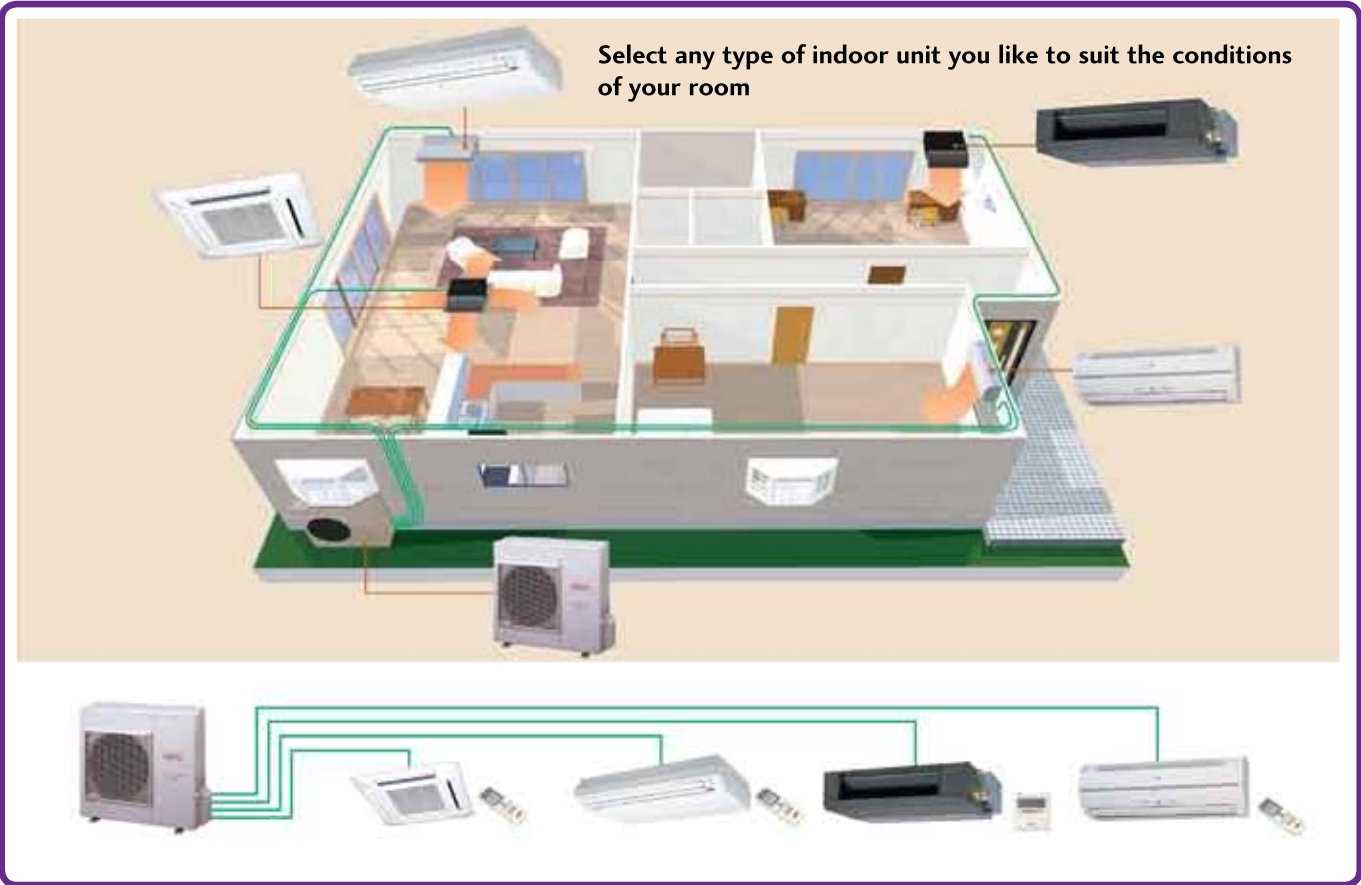
Inverter Under Ceiling

TYPE	MODEL	UNITS	INVERTER					
Model No.	Indoor Unit Outdoor Unit		ABTF18LAT AOTA18LALL	ABTF24LAT AOTA24LALL	ABTA30LBT AOTA30LBLTL	ABTA36LAT AOTA36LBLTL	ABTA45LAT AOTA45LBLTL	ABTA54LCTU AOTD54LBTT
Reverse Cycle System			Yes	Yes	Yes	Yes	Yes	Yes
Cooling Capacity		Watts	5,200	7,100	8,500	10,000	12,500	14,000
		BTU/h	17,700	24,200	29,000	34,100	42,700	47,800
Range		Watts	900-5,900	900-8,000	2,800-10,000	3,800-11,200	4,000-14,000	5,400-16,000
		BTU/h	3,100-20,100	3,100-27,300	9,500-34,100	13,000-38,200	13,700-47,800	18,400-54,600
Heating Capacity		Watts	6,000	8,000	10,000	11,200	14,000	16,000
		BTU/h	20,500	27,300	34,100	38,200	47,800	54,600
Range		Watts	900-7,500	900-9,100	2,700-11,200	4,000-14,000	4,200-16,200	5,800-18,000
		BTU/h	3,100-25,600	3,100-31,000	9,200-38,200	13,700-47,800	14,300-55,300	19,800-61,400
Power Supply		Volts	240	240	240	240	240	415
Phase-Frequency		Ph- Hz	1-50	1-50	1-50	1-50	1-50	3-50
Power Supply Attachment			Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Plug Size (If Applicable)		Amps	NA	NA	NA	NA	NA	NA
Running Current	Cooling	Amps	6.8	9.3	11.6	13	16.3	6.6
	Range		Max 8.6	Max 11.3	Max 17.0	Max 19.0	Max 20.0	Max 9.9
	Heating		7	9.3	12.2	12.7	16.1	6.6
	Range		Max 10.3	Max 11.6	Max 17.0	Max 19.0	Max 20.0	Max 9.9
Input	Cooling	Watts	1,620	2,280	2,650	3,110	3,890	4,650
	Range		Max 2,040	Max 2,690	Max 3,880	Max 4,540	Max 4,780	Max 6,480
	Heating		1,660	2,210	2,710	3,020	3,830	4,670
	Range		Max 2,450	Max 2,760	Max 3,880	Max 4,540	Max 4,780	Max 6,480
Moisture Removal		l/hr	2	2.7	2.5	3	4.5	5.0
E.E.R.	Cooling		3.21	3.11	3.21	3.21	3.21	3.01
C.O.P.	Heating		3.61	3.61	3.69	3.71	3.66	3.43
Star Rating	Cooling		5	4.5	5	5	5	NA
	Heating		5	5	5.5	5.5	5.5	NA
Fan Speeds			4	4	4	4	4	4
Air Circulation	High	l/s	216	277	461	527	583	644
Compressor Type			Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary	DC Twin Rotary
Dimensions and Weights	I.U. (Grill) mm	Height	199	199	240	240	240	240
		Width	990	990	1,660	1,660	1,660	1,660
		Depth	655	655	700	700	700	700
		Net Weight	27	27	46	46	46	48
	O.U. mm	Height	578	578	830	1,290	1,290	1,290
		Width	790	790	900	900	900	900
		Depth	300	315	330	330	330	330
		Net Weight	40	44	62	98	98	107
I.U. Sound Pressure Level		dBA@1metre	44	49	45	47	49	51
O.U. Sound Pressure Level		dBA@1metre	50	52	55	54	55	55
O.U. Sound Power Level		dBA	65	68	69	69	70	70
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A	R410A
Connection Pipe Sizes	Gas		12.7	15.88	15.88	15.88	15.88	15.88
	Liquid	mm	6.35	6.35	9.52	9.52	9.52	9.52
Pre Charged Length			15	15	20	30	30	30
Minimum Pipe Length		Metre	3	3	5	5	5	5
Maximum Pipe Length			25	30	50	50	50	75
Maximum Pipe Height			15	20	30	30	30	30
Pipe Connection Methods			Flare	Flare	Flare	Flare	Flare	Flare
Outdoor operating Temp.	Cooling	Degrees C	-10 to 46	-10 to 46	-15 to 46	-10 to 46	-10 to 46	-10 to 46
	Heating	Degrees C	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24

Multiple rooms comfortably

- Control several indoor units with one outdoor unit
- Build the optimum system you desire.

If you want to keep a large floor as well as many rooms comfortable, we recommend you use Multi Systems to build a simple system using one outdoor unit. Choose from a large lineup of air conditioner types that match your rooms. You can mix and match them at will. Build the system that is just right for you.









Example illustration of system configuration.



Inverter Multi Systems

The New Fujitsu Inverter Multi System is ideal for conditions that require an individual indoor unit in each room, i.e. a living room and 3 bedrooms. The Multi Systems allows one outdoor unit to be connected up to a wide variety of 3 or 4 indoor units including Wall Mounted, Floor/Ceiling Console, Cassette and Ducted.

INDOOR UNIT FEATURES												
	Up/Down	Double	Adjust	Restart	Auto Shut flaps	Distributing	Fresh	Economy	Sleep	Program	W+S	Ion
ASTA07/09/12/18L	•	•	•	•	•	•	•	•	•	•	•	•
AST24L	•	•	•	•	•	•	•	•	•	•	•	•
AUTF12/18L	•	•	•	•	•	•	•	•	•	•	•	•
ABTF18/24L	•	•	•	•	•	•	•	•	•	•	•	•
ARTF09/12/18/22L	•	•	•	•	•	•	•	•	•	•	•	•
◦ 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						•					
 ARTF09L	2.7		•				•					
 ARTF12/18/22L	3.5		•				•					
	5.2		•				•					
	6.3		•				•					

Selection must only be made via capacity table charts available from Fujitsu. Refer to Dealer for a selection of combinations.
*AOT24 : Model code combination should be between 14-30. **AOT30: Model code combination should be between 27-49.

Two and Four Room Lineups

AOT24LMAM2

5.80 kW / 19,800 BTU/h
6.40 kW / 21,900 BTU/h



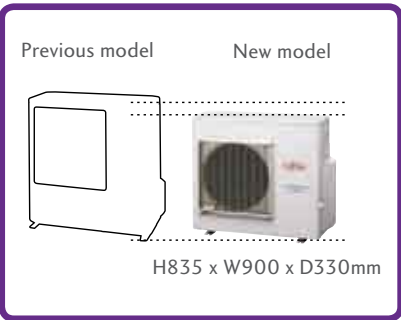
AOT30LMAW4

8.00 kW / 27,300 BTU/h
9.60 kW / 38,200 BTU/h



Features & Benefits

Compact Design



Outdoor unit: AOT30LMAW4

Easy installation and easy maintenance

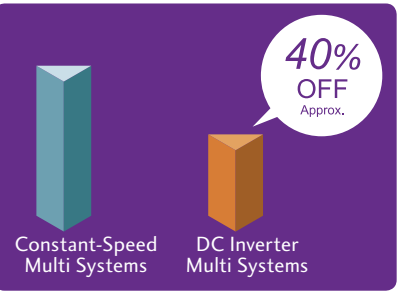


Outdoor unit: AOT24LMAM2. Maintenance has been improved by making attachment and detachment of the top panel easy.

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):

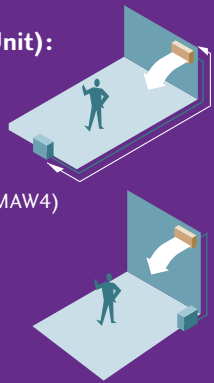
20m (AOT24LMAM2),
25m (AOT30LMAW4)

Max.Height:

10m (AOT24LMAM2 / AOT30LMAW4)

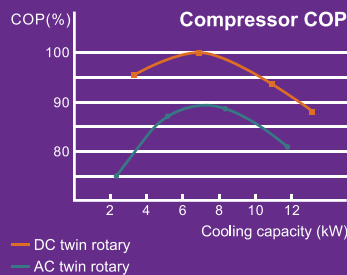
Total Piping Length:

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.



38,000
BTU
(at 240V)



DC twin rotary compressor

Inverter Multi Systems

Type	Model	Units	Wall Mounted					Floor/Ceiling		Cassette		Bulkhead				Outdoor	
Model No.	Indoor Unit		ASTA07LACM	ASTA09LACM	ASTA12LACM	ASTA18LACM	AST24LBAJ	ABTF18LAT	ABTF24LAT	AUTF12LAL	AUTF18LAL	ARTF09LALU	ARTF12LALU	ARTF18LALU	ARTF22LALU	-	-
Reverse Cycle System	Outdoor Unit		-	-	-	-	-	-	-	-	-	-	-	-	-	AOT30LMAW4	AOT24LMAM2
Cooling Capacity		Watts	2,300	2,700	3,500	5,000	6,800	5,200	6,800	3,500	5,200	2,700	3,500	5,200	6,300	8,000	5,800
		BTU/h	7,900	9,200	11,900	17,100	23,200	17,800	23,200	11,900	17,800	9,200	11,900	17,800	21,500	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	1,800-6,100	1,800-7,400	1,500-3,700	1,800-5,800	1,500-3,200	1,500-3,900	1,800-6,100	1,800-6,800	10,100	7,800
		BTU/h	5,100-9,200	5,100-10,900	5,100-12,600	6,100-19,100	25,300	6,100-20,800	6,100-25,300	5,100-12,600	6,100-19,800	5,100-10,900	5,100-13,300	6,100-20,800	6,100-23,200	34,500	26,600
Heating Capacity		Watts	2,700	3,300	4,000	6,000	8,200	6,000	8,200	3,800	6,000	3,300	3,800	6,000	7,500	9,600	6,400
		BTU/h	9,200	11,300	13,700	20,500	28,000	20,500	28,000	13,000	20,500	11,300	13,000	20,500	25,600	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	1,600-7,100	1,600-9,000	1,500-4,800	1,600-7,100	1,500-4,100	1,500-4,800	1,600-7,100	1,600-8,800	12,000	9,000
		BTU/h	5,100-11,300	5,100-14,300	5,100-16,400	5,500-24,200	30,700	5,500-24,200	5,500-30,700	5,100-16,400	5,500-24,200	5,100-14,000	5,100-16,400	5,500-24,200	5,500-30,000	41,000	30,700
Power Supply		Volts	240	240	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	1-50	1-50
Power Supply Attachment			Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Plug Size (If Applicable)		Amps	-	-	-	-	-	-	-	-	-	-	-	-	-	NA	NA
Running Current	Cooling		-	-	-	-	-	-	-	-	-	-	-	-	-	9.3	7.3
	Range		-	-	-	-	-	-	-	-	-	-	-	-	-	Max 15.7	Max 12.2
	Heating	Amps	-	-	-	-	-	-	-	-	-	-	-	-	-	10.1	6.9
	Range		-	-	-	-	-	-	-	-	-	-	-	-	-	Max 15.7	Max 12.2
Input	Cooling		-	-	-	-	-	-	-	-	-	-	-	-	-	2,220	1,730
	Range		-	-	-	-	-	-	-	-	-	-	-	-	-	Max 3,580	Max 2,920
	Heating	Watts	-	-	-	-	-	-	-	-	-	-	-	-	-	2,400	1,640
	Range		-	-	-	-	-	-	-	-	-	-	-	-	-	Max 3,580	Max 2,920
Moisture Removal		l/hr	0.8	1	1.2	2	3	1.7	2.5	1.3	2	1	1.2	1.7	2.5	-	-
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	4	4	4	4	-	-
Air Circulation	High	l/s	139	153	161	183	283	216	244	152	172	133	175	236	294	916	805
Compressor Type			-	-	-	-	-	-	-	-	-	-	-	-	-	Twin Rotary	Twin Rotary
Dimensions and Weights	I.U. mm	Height	275	275	275	275	320	199	199	235	235	217	217	217	217	-	-
		Width	790	790	790	790	1120	990	990	580	580	663	953	953	953	-	-
		Depth	215	215	215	215	220	655	655	580	580	595	595	595	595	-	-
	O.U. mm	Net Weight	9	9	9	9	16	28	28	18	18	18	23	23	23	-	-
		Height	-	-	-	-	-	-	-	-	-	-	-	-	-	835	650
		Width	-	-	-	-	-	-	-	-	-	-	-	-	-	900	830
I.U. Sound Pressure Level	Net Weight	Depth	-	-	-	-	-	-	-	-	-	-	-	-	-	330	320
		kg	-	-	-	-	-	-	-	-	-	-	-	-	-	68	56
		kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Type	dBA@1metre	35	38	39	45	47	43	48	42	44	35	30	34	40	51	49
		dBA@1metre	-	-	-	-	-	-	-	-	-	-	-	-	-	64	62
		dBA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Refrigerant	Gas		R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
Connection Pipe Sizes	Liquid	mm	9.52	9.52	9.52	12.7	15.88	12.7	15.88	9.52	12.7	9.52	9.52	12.7	12.7	2 x 9.52, 2 x 12.7	1 x 12.7, 1 x 9.52
Pre Charged Length		Metre	6.35	6.35	6.35	6.35	9.52	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35	4 x 6.35	2 x 6.35
Minimum Pipe Length		Metre	-	-	-	-	-	-	-	-	-	-	-	-	-	50	30
Maximum Pipe Length per unit Inverter Multi only			-	-	-	-	-	-	-	-	-	-	-	-	-	5	5
Maximum Pipe Length		Metre	25	25	25	25	25	25	25	25	25	25	25	25	25	25	20
Maximum Pipe Height		Metre	10	10	10	10	10	10	10	10	10	10	10	10	10	Max Total 70	Max Total 30
Pipe Connection Methods			Flare	Flare	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

Effective heat exchange and simultaneous fresh air ventilation

High efficiency and low noise levels are achieved by using a highly efficient heat exchange process. A comfortable air conditioned environment is achieved by conveniently selecting whether to use heat exchange or normal ventilation setting, according to requirements of the conditioned space.

Energy saving ventilation

Air conditioning operation can be reduced thanks to the efficient recovery of thermal energy lost during ventilation.

Load reduction

Load reduction within the conditioned space can be achieved as the heat exchanger effectively recovers cooled or heated room temperatures and simultaneously ventilates the air.

Humidity adjusting effect

By efficient use of the heat transfer device within the ERV, fresh air humidity levels are balanced more effectively.

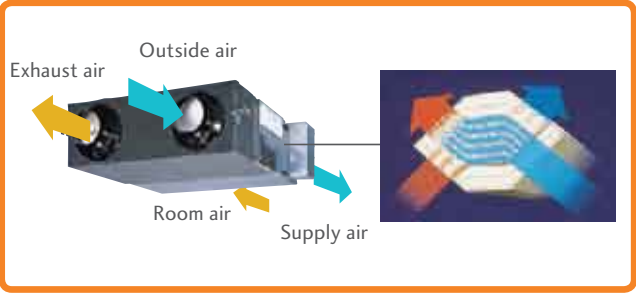
Sound shield effect

The ducts of the unit and the heat exchange element create a sound shield effect. This ensures that the working environment noise levels are preserved.

Heat exchange ventilation and normal ventilation

Heat exchange ventilation

When a room is cooled or heated, the exhausted cooling / heating energy is recovered by heat-exchange ventilation.



Adopts a highly efficient counter-flow heat exchange element.

High energy efficiency 20% Energy saving

Energy consumption is dramatically reduced by using a counterflow heat-exchange element. Air conditioning load is reduced by approximately 20%, resulting in significant energy savings. Recovers up to 77% of the heat in the outgoing air.

More comfort

Quiet operation

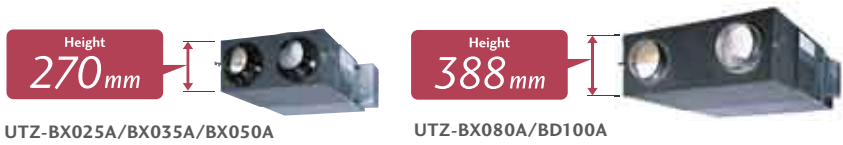
Significantly reduces low pressure loss which allows a low noise operation of 32dBA or less on high fan operation(138 L/Sec model).

Energy Recovery Ventilator unit offers maximum comfort and greater energy savings



Slim shape and easier installation

Counter-flow heat exchange element used for reduced noise and slimmer, more compact body shape.



Energy Recovery Ventilator

Rated Flow rate				69 L/Sec	97 L/Sec	138 L/Sec	222 L/Sec	277 L/Sec
Model No.				UTZ-BX025A	UTZ-BX035A	UTZ-BX050A	UTZ-BX080A	UTZ-BD100A
Power Source				220-240, 50Hz				
Heat Exchange Ventilation	Input Power	(Extra High)/High/Low	W	119/99/79	154/124/117	214/169/151	347/309/302	445/360/332
	Air Flow Rate	(Extra High)/High/Low	L/sec	69/69/47	97/97/77	138/138/102	222/222/180	277/277/225
	External Static Pressure	(Extra High)/High/Low	Pa	90/80/37	95/65/42	105/70/38	140/110/70	90/55/35
	Temperature Exchange Efficiency	(Extra High)/High/Low	%	75/75/77	75/75/77	75/75/77	75/75/76	75/75/76
	Energy Exchange Efficiency Cooling	(Extra High)/High/Low	%	63/63/66	66/66/69	62/62/67	65/65/68	65/65/68
	Energy Efficiency Exchage Heat Pump	(Extra High)/High/Low	%	70/70/73	69/69/71	67/67/71	71/71/74	71/71/73
	Sound Pressure Level	(Extra High)/High/Low	dB	28/26/21	32/29/25	34/31/25	38/36.5/32	37.5/36/31
Normal Ventilation	Input Power	(Extra High)/High/Low	W	119/98/79	151/119/113	210/161/145	337/300/397	438/358/329
	Air Flow Rate	(Extra High)/High/Low	L/sec	69/69/47	97/97/77	138/138/102	222/222/180	277/277/225
	External Static Pressure	(Extra High)/High/Low	Pa	90/80/37	95/65/42	105/70/38	140/110/70	90/55/35
	Sound Pressure Level	(Extra High)/High/Low	dB	27/26.5/21.5	31/30/26	34/32/26.5	38.5/37/33	38/36.5/31.5
Dimensions			H x W x D	mm	882 x 599 x 270	882 x 804 x 270	962 x 904 x 270	1,322 x 884 x 388
Weight			kg	29	37	43	71	83
Outlet Duct Diameter			mm	150	150	200	250	250
Operation Range			°C	-10 to 40	-10 to 40	-10 to 40	-10 to 40	-10 to 40
Maximum Humidity			%	85	85	85	85	85

* The noise level must be measured 1.5 m below the centre of the unit.

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/NZS 3823.2 Amendment 3 (2008).

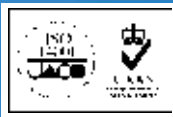
Cooling Indoor Temp: 27°C DB/19°C WB
Outdoor Temp: 35°C DB

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.



Certified number: JQA-2005



Certified number: EC98J1137

Hamamatsu Fujitsu General Ltd.



All products specified in this brochure comply with the Australian Communications Authority's (ACA) requirements for Electromagnetic Compatibility (EMC).



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AUSTRALIA'S FAVOURITE AIR™



By purchasing Fujitsu Air Conditioning you are supporting the Sporting Chance Cancer Foundation.

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