



INVERTER - WALL MOUNTED TYPE AIR CONDITIONERS



THE INTELLIGENT CHOICE IN COMFORT



Explanation of Features

**Up/Down Swing Flaps**  
The up/down flaps automatically swing up and down.

**Auto Restart**  
In the event of a temporary power failure, the air conditioner will automatically restart in the same operating mode as before, once the power supply is restored.

**Double Swing Automatic**  
Complex action of flaps enables them to swing automatically in both horizontal and vertical directions.

**Sleep Timer**  
The micro-computer gradually changes the room temperature automatically to afford a comfortable night's sleep.

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

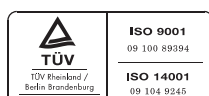
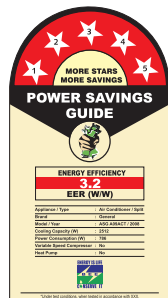
**Automatic Air Flow Adjustment**  
The micro-computer automatically adjusts the air flow effectively to follow the changes of room temperature.

**Long-life Ion Deodorization Filter**  
For details, see page 3.

**Apple-catechin Filter**  
For details, see page 3.

**Economy Mode**  
Limits the maximum operation current, and performs operation with the power consumption suppressed.

**Washable Panel**



ISO 9001 Certified number 01 103 89314  
ISO 14001 Certified number 01 104 9245  
Fujitsu General (Thailand) Co., Ltd.



ISO 9001 Certified number 01 103 79389  
ISO 14001 Certified number 104892  
Fujitsu General (Shanghai) Co., Ltd.

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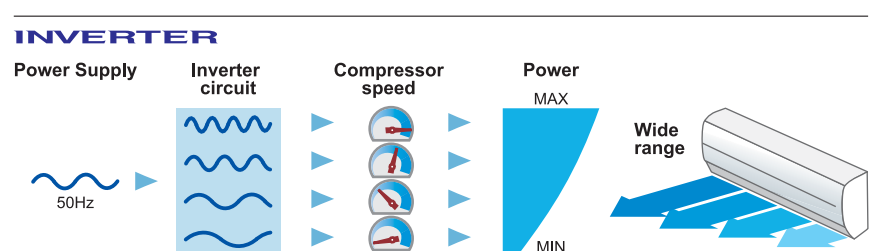
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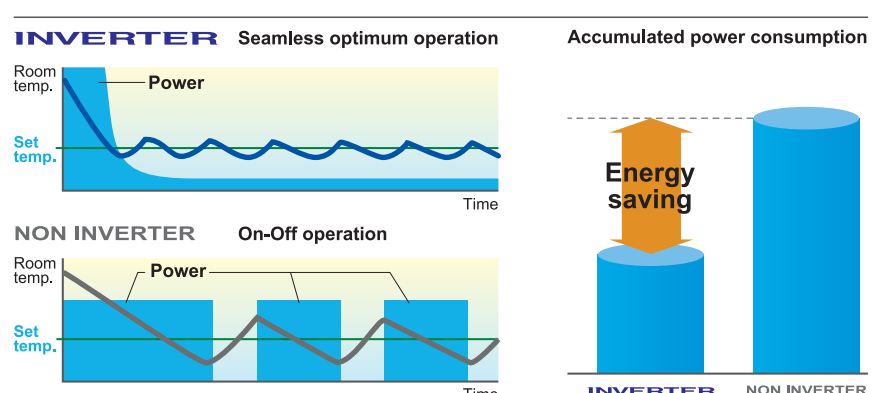
INVERTER TECHNOLOGY

What is an "INVERTER" air conditioner?

An "INVERTER" is equipment to "convert the frequency" of the power supply to a compressor. The power of an air conditioner is directly proportional to the compressor speed. An "INVERTER" air conditioner changes the speed of the compressor by varying the frequency of the power supply to give superior cooling ranging from high to low.

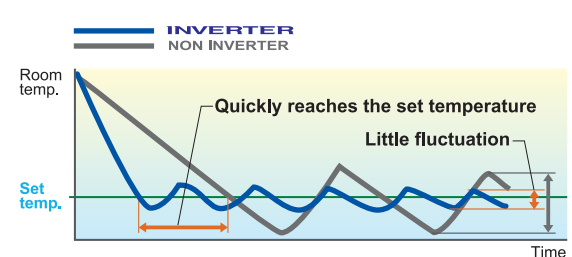


When an "INVERTER" air conditioner is started, the compressor runs at high speed for quick cooling. But once the set temperature is reached, the "INVERTER" air conditioner enters an "energy saving mode" by reducing the compressor speed, effectively reducing its power in order to save energy.



Why "INVERTER"

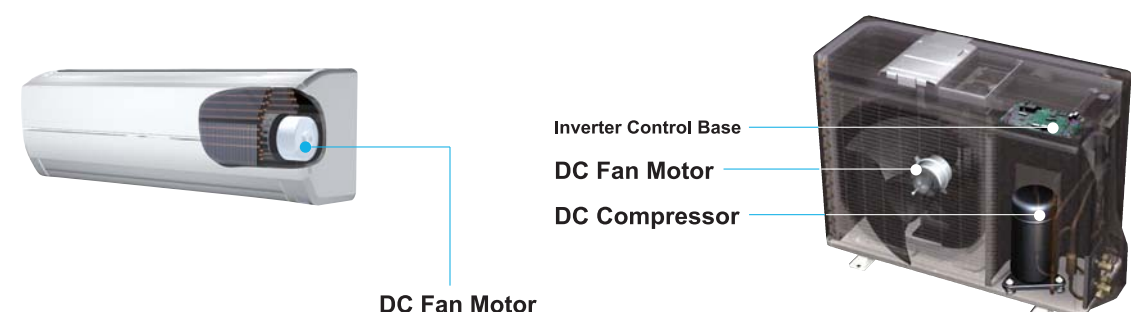
- Quick cooling by high output.
- Energy saving by optimum operation.
- High power by high compressor speed.
- Quiet saving mode by low compressor speed.
- Comfort stable room temperature by precise control.



ALL DC

ALL DC saves energy throughout the year

By making all the motors DC, electricity loss is decreased and power consumption is substantially reduced. In addition, fan motor high speed rotation is possible, heat exchange efficiency is increased and annual power consumption amount is saved by increasing the airflow.



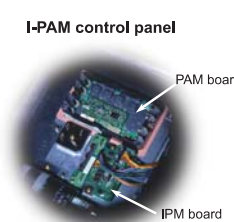
INVERTER WALL MOUNTED TYPE

Simple & Elegant Appearance Design



I-PAM control (PAM+IPM)

IPM board enables the conventional Inverter PAM control obtain high voltage and high power when operation starts. The preset temperature is kept at low voltage during the stable operation. Thus you get better performance and more energy savings when compared with current inverter models.



Vector PAM inverter (I-PAM + vector control)

The voltage of the compressor and the timing of the current connection are enhanced. This is the advanced technology of PAM control system which improves the maximum compressor speed and operation efficiency.

"V-PAM (Vector-Pulse Amplitude Modulation)"

More compact than conventional models



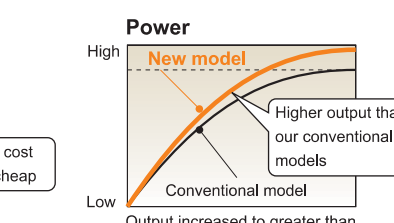
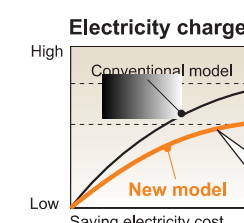
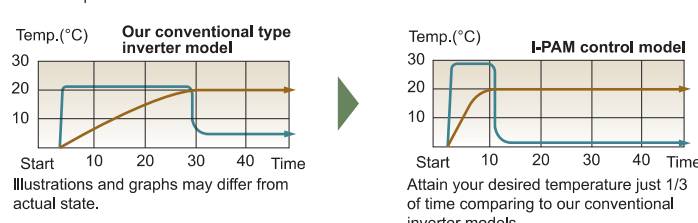
Vector PAM

It becomes more powerful due to the newly developed high efficient compressor motor control "Vector PAM Technology"



Energy saving and speedy heating only possible by I-PAM

— Voltage and speed of compressor motor  
— Temperature of 10cm above the floor



Air conditioner filter features

**Long-life Ion Deodorization Filter**  
The filter deodorizes by powerfully decomposing absorbed odors using the oxidizing 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 water to restore its surface action when it is dirty.

**Apple-catechin Filter**  
Fine dust, invisible mold spores, and harmful microorganisms are absorbed by the filter due to the static electricity, and further growth is inhibited and deactivated by the polyphenol extracted from apples.

Quiet operation

Fan speed	Quiet
Noise level	21dB(A) (09/12TYPE)

Specifications

Model No.	Indoor Unit	ASGA09JG A0GR09JG	ASGA12JG A0GR12JG	ASGA18JG A0GR18JG	ASGA24JG A0GR24JG	ASGA30JG A0GR30JG
Capacity	Cooling	2,500(0.5-3.2)	3,500(0.9-4.0)	5,200(0.9-6.0)	7,100(0.9-8.0)	8,000(2.9-9.0)
	BTU/h	8,500(1,700-10,900)	11,900(3,100-13,600)	17,700(3,100-20,500)	24,200(3,100-27,300)	27,300(9,900-30,700)
Moisture Removal	l/h	1.3	1.8	2.8	3.0	3.0
	l/day	31	43	67	72	72
Room Air Circulation (FPM)	Inner	750	750	900	1,100	1,100
	Outer	1,870	1,830	2,070	2,640	3,600
Input Power	Watt/Hz	230/150	230/150	230/150	230/150	230/150
	A	3.5	4.9	6.6	10.8	11.7
Power Consumption	Cooling	0.70	1.03	1.48	2.45	2.66
	W/kWh	3.57	3.4	3.51	2.9	3.01
Dimensions H x W x D	Inner	260x790x198	260x790x198	320x998x228	320x998x228	320x998x228
	Outer	340x860x290	340x860x290	400x1060x330	400x1060x330	400x1060x330
Net Weight	kg	7.5	7.5	14	14	14
	kg	540x660x290	540x660x290	620x790x298	620x790x298	630x900x330
Connection Method	Flare	Flare	Flare	Flare	Flare	Flare
	mm	6.35/9.52	6.35/9.52	6.35/12.7	6.35/15.88	9.52/15.88
Max Pipe Length/ Height Difference	m	15	20	30	30	30
	ft	49	66	98	98	98
Permissible Range of Outdoor Temp.	Cooling	°C	18-46	18-46	18-46	18-46
	F	64-105	64-105	64-105	64-105	64-105

Note: Due to continuous R&D efforts specifications may change from time to time. Please refer to operational manual.