



## Wall Mounted Inverter AG3 Series

 **ACTIVE CARBON** & negative ion Air Filter

**HIGHLY  
DURABLE  
GOLD FIN**

**TOPAIRE** inverter technology is equipped with DC inverter compressor. The compressor speed varies in response to the cooling load to minimise temperature fluctuation and maximise energy efficiency, whereby achieving cost-efficient, energy saving performance at all times.

### High Frequency DC Inverter Compressor

The high frequency inverter compressor enables to achieve maximum frequency on the spur of the moment upon start up, providing powerful cooling.

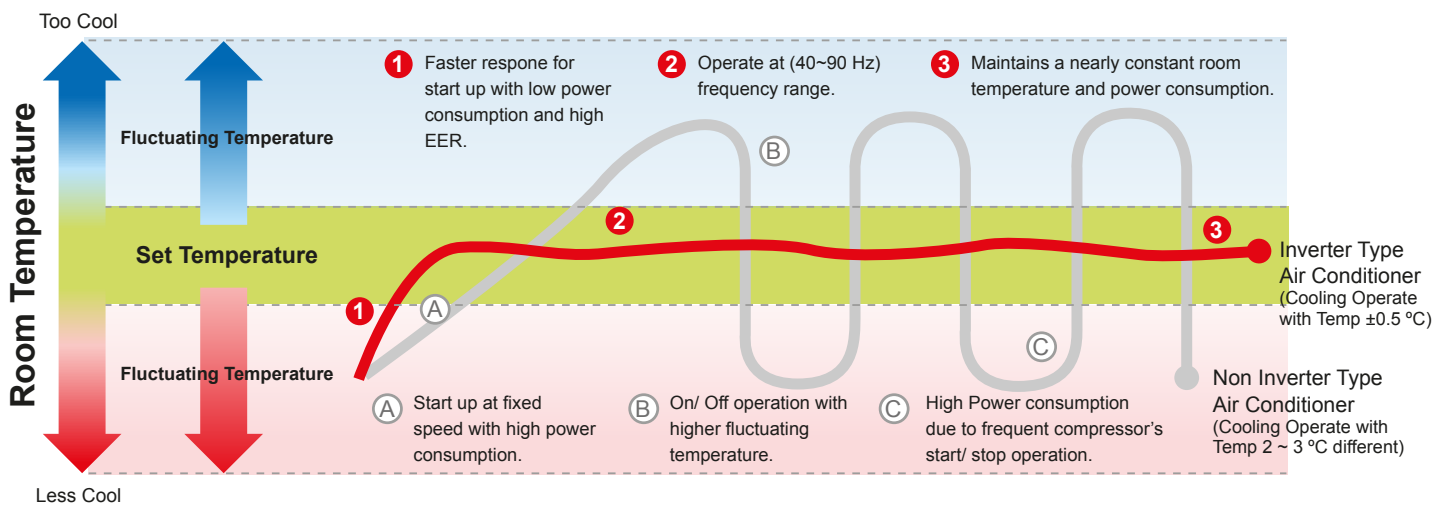


### Wide Range Voltage Operation

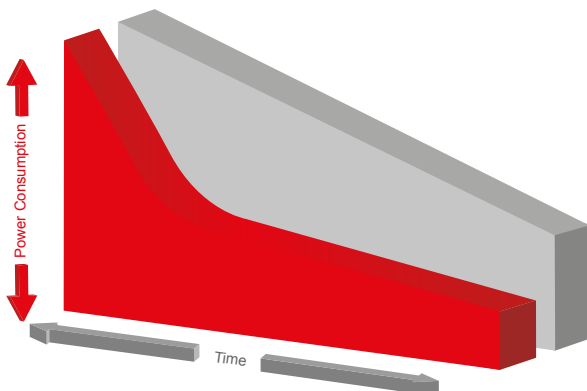
The power circuit board (PCB) has the ability to withstand voltage fluctuation overload, thus ensuring air conditioner to run stably under wide range of voltage operation without using separate voltage stabilizer.



### Precise Temperature Control



### Energy Saving Simulation

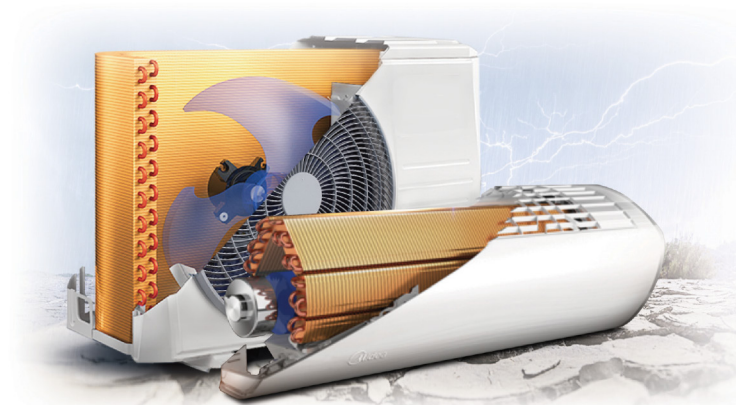


Comparison of inverter & non-inverter type for 1HP air conditioner:-

- Operation condition with outside ambient temperature: 35°C
- Indoor setting room temperature : 25°C with fan speed (Auto Mode).
- Total power consumption measured for 24 hour in test room.
- At least 30% - 40% energy saving.

### Durable Hydrophilic Aluminium Gold Fin

Gold Fin is more resistant to oxidation & corrosion than ordinary fins. It furnishes a steadier and long-lasting working environment. It can also efficiently prevent bacteria from breeding and spreading, and withstand corrosive elements.



## Wall Mounted AG3



TWMV 10AG3  
TWMV 13AG3

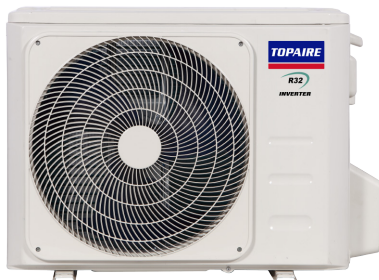


TWMV 18AG3  
TWMV 25AG3

### Features

- Wireless remote controller.
- Washable saran net filter
- Negative ion & carbon air filter.
- LED light indicator display panel & auto restart function.
- 4 way air distribution with auto air swing (Up & Down) / manual swing (Left & Right).
- Turbo cooling to rapidly reach your desired room temperature.
- Highly durable hydrophilic aluminium gold fin.

## Condensing Unit AG3



### Features

- Compact design.
- Electro-Galvanized steel casing coated with Epoxy Powder Coating.
- Eco-friendly R32 refrigerant.
- High efficient and energy saving DC Inverter Compressor.
- Highly durable hydrophilic aluminium gold fin.

## Controller



On/Off Power Button



Operating Mode

- 4 function mode [Auto, Cooling, Drying (Dehumidification) and Fan only]



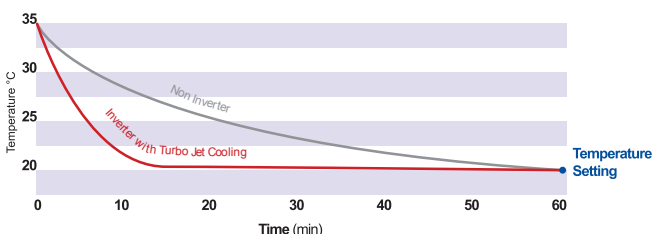
Fan Speed Adjustment

- 4 fan speed mode [Auto, Low, Medium, High]



Turbo Jet Cooling

- Fast cooling and powerful air flow to rapidly reach your desired room temperature
- Applicable for cooling mode only



Standard Wireless Remote Controller



Optional Wired Remote Controller



Temperature/Time Adjustment Setting



- Increase / decrease desired room temperature
- Increase / decrease desired time



Automatic Swing

- Vertical auto up / down swing



Air Flow Direction

- Select your optimum airflow by selecting from a range of fixed / swing louver positions



LED Display

- To activate/deactivate air conditioner LED room temperature setting digital display



ECO GEAR

- Energy-Saving ECO-logic mode to maintain most comfortable temperature for you
- Applicable for cooling and auto mode only

MODEL			Indoor	TWMV 10AG3	TWMV 13AG3	TWMV 18AG3	TWMV 25AG3
			Outdoor	TASV 10AG3	TASV 13AG3	TASV 18AG3	TASV 25AG3
Cooling capacity (Min-Max)	Btu/hr		10,000 (4,981-11,075)	12,000 (5,865-13,231)	18,000 (7,984-19,786)	24,000 (7,200-28,000)	
	kW		2.93 (1.46-3.25)	3.52 (1.72-3.88)	5.28 (2.34-5.80)	7.03 (2.11-8.21)	
Power input	W		780	1,030	1,650	2,250	
Rated current	A		3.40	4.48	7.20	9.78	
EER	W/W		3.38	3.42	3.20	3.12	
CSPF	Wh/Wh		4.93	4.83	4.87	5.19	
Power supply	V/Ph/Hz		220 - 240 / 1 / 50				
Indoor	Fan	Air flow	CFM	340	360	500	640
		Sound level	dBA	39 / 35 / 34	39 / 35 / 33	43 / 36 / 33	46 / 37 / 35
		Type		Cross flow / Direct drive			
	Coil	Tube		Seamless inner groove copper tube			
		Fin		Hydrophilic aluminium gold fin			
		Air filter		Washable high efficiency saran net filter c/w active carbon & negative ion filters			
	Dimension	Width	mm	835	835	969	1083
		Depth	mm	208	208	241	244
		Height	mm	295	295	320	336
		Net weight	kg	8.9	8.9	11.9	13.6
Outdoor	Compressor	Type		DC inverter rotary hermetic			
		Protection device		Internal thermal overload			
	Fan	Type		Propeller fan / Direct drive			
	Coil	Tube		Seamless inner groove copper tube			
		Fin		Hydrophilic aluminium gold fin			
		Refrigerant		R32			
		Capacity control		Capillary tube at outdoor unit			
	Casing	Material		Electro-galvanized mild steel			
		Finish		Epoxy powder coating			
	Pipe	Liquid	mm (in)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	9.52 (3/8)
		Suction	mm (in)	9.52 (3/8)	9.52 (3/8)	12.70 (1/2)	15.88 (5/8)
	Dimension	Width	mm	720	720	765	890
		Depth	mm	270	270	303	342
		Height	mm	495	495	555	673
Net weight		kg	21.7	21.7	27.2	43.9	

All specifications are subject to change by manufacturer without prior notice.

Note : The nominal cooling capacity is based on condenser outdoor air entering temp. 35 °C (DB); indoor on coil temp. 27/19 °C ( DB / WB )



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