



Energy Saving
And High EER



Wall Mounted Inverter AF4 Series

ACTIVECARBON Air Filter

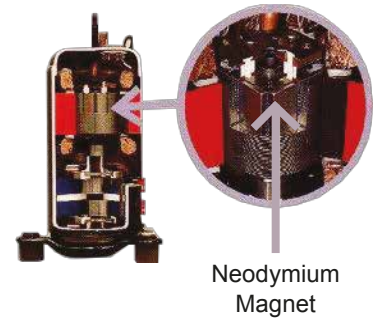
TOPAIRE introduces ideal Energy Saving solutions for residential air conditioning system. All the models of the Inverter Series are equipped with DC Inverter compressor for the high EER operation.

Inverter Technology

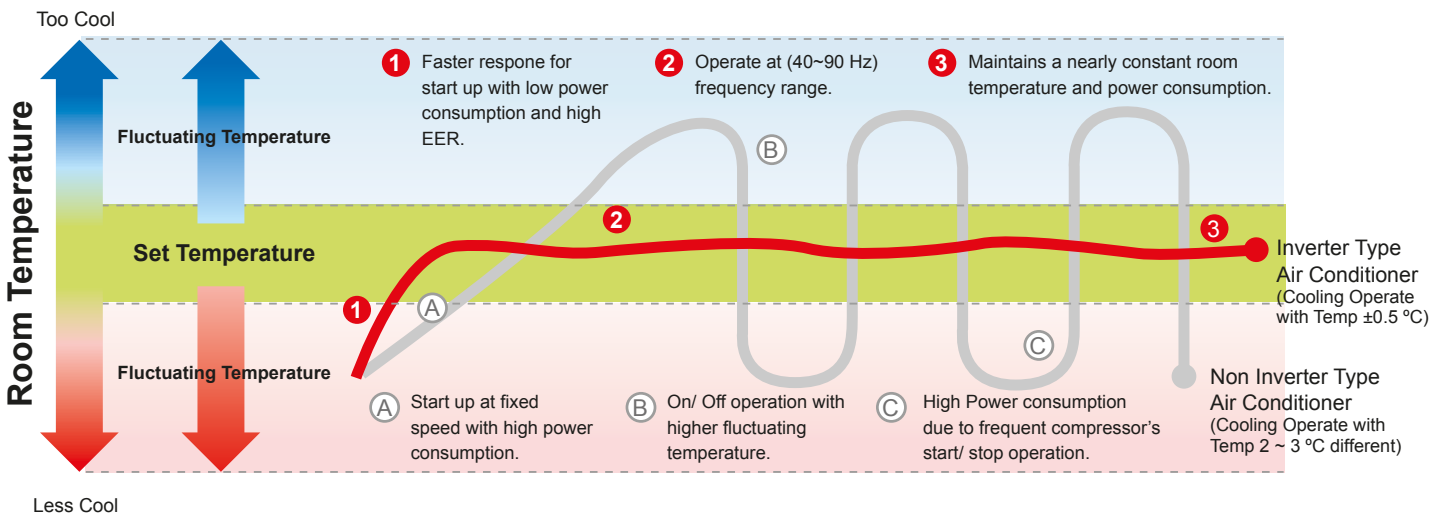
TOPAIRE inverter technology is equipped with DC inverter compressor. The compressor varies its speed in response to the cooling load to minimise temperature fluctuation and maximise energy efficiency, whereby achieving cost-efficient, energy saving performance at all times.

Powerful DC Inverter Compressor

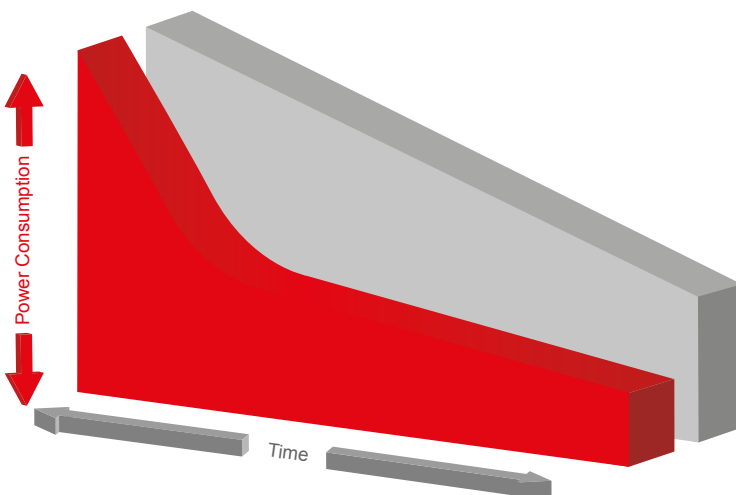
DC inverter motor used Neodymium magnet (rare magnet) to attain high torque and high EER for optimum performance



Accurate Temperature Control



Energy Saving Simulation



Air conditioner-1HP. Comparison of inverter & non-inverter type:-

- Operation condition with outside ambient temperature: 35 $^{\circ}\text{C}$ ~ 25 $^{\circ}\text{C}$.
- Indoor setting room temperature : 25 $^{\circ}\text{C}$ with fan speed (Auto mode).
- Total power consumption measured for 24 hour in test room.
- At least 30% ~ 40% energy saving.

* Note: The actual power consumption may varied due to others site condition and external factor.

Wall Mounted AF4



TWMI 10 / 13 AF4



TWMI 18 / 22 / 25 AF4

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.
- Gold fin indoor evaporator coil to enhance anti-corrosion resistance

Condensing Unit AF4



Features

- Compact design.
- Electro-Galvanized steel casing coated with Epoxy Powder Coating.
- Eco-friendly R410A refrigerant.
- High efficient and energy saving DC Inverter Compressor.

Remote Control



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/timer)



Automatic Swing

- Vertical auto up / down swing



Air Flow Direction

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



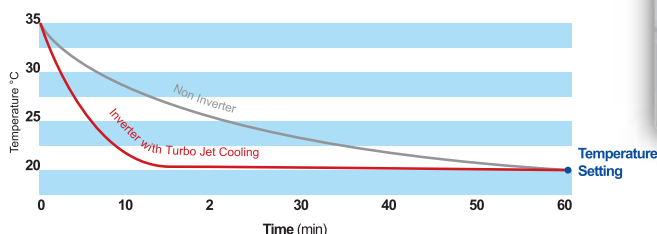
LED Display

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



Sleep Mode

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



Specification

MODEL		INDOOR	TWMI 10 AF4	TWMI 13 AF4	TWMI 18 AF4	TWMI 22 AF4	TWMI 25 AF4
		OUTDOOR	TASI 10 AF4	TASI 13 AF4	TASI 18 AF4	TASI 22 AF4	TASI 25 AF4
Cooling Capacity	Rated (min-max)	Btu/hr	9,000 (3,780-10,328)	12,000 (4,100-13,800)	18,000 (7,120-19,180)	21,000 (8,820-23,100)	24,000 (9,100-26,900)
	Rated (min-max)	KW	2.64 (1.11-3.03)	3.52 (1.20-4.04)	5.28 (2.09-5.62)	6.15 (2.58-6.77)	7.03 (2.67-7.88)
Input Power	Nominal	W	824	1,170	1,757	2,050	2,344
Operating Current	Nominal	A	3.60	5.10	7.20	8.90	10.20
EER		W/W	3.20	3.00	3.00	3.00	3.00
Power Supply		V / PH / HZ	220 - 240 / 1 / 50				
PERFORMANCE & FEATURES							
Indoor	Air Flow	CFM	300	350	480	600	600
	Sound Pressure Level	dB(A)-H/M/L	39 / 35 / 28	40 / 33 / 28	44 / 39 / 31	45 / 42 / 32	45 / 44 / 34
	Fan	Type	Cross Flow Fan				
	Evaporator Fin	Type	Gold Al Slit Fin				
Outdoor	Fan	Type	Propeller Fan				
	Condenser Fin	Type	Al Slit Fin				
	Compressor	Type	DC Inverter Rotary				
	Refrigerant	Type	R410A				
	Capacity Control	Type	Capillary Tube At Outdoor Unit				
	Refrigerant Charge	g	480	550	850	1,140	1,850
Dimension	Indoor	W x D x H(mm)	715 X 194 X 285	805 X 193 X 285	957 X 213 X 302	1040 X 220 X 327	1040 X 220 X 327
	Outdoor	W x D x H(mm)	700 X 275 X 550	700 X 275 X 550	770 X 300 X 555	845 X 363 X 702	845 X 363 X 702
Net Weight	Indoor	kg	7	8	11	12	12
	Outdoor	kg	21	22	28	38	50
Pipe Size	Discharge	inch(mm)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)	3/8 (9.52)	3/8 (9.52)
	Suction	inch(mm)	3/8 (9.52)	1/2 (12.70)	1/2 (12.70)	5/8 (15.88)	5/8 (15.88)
Refrigerant Piping	Max. Refrigerant Pipe Length	m	25	25	30	30	50
	Max. Difference In Level	m	10	10	20	20	25

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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