

# Wall Mounted AF3 Series

 **ACTIVECARBON** & negative ion Air Filter

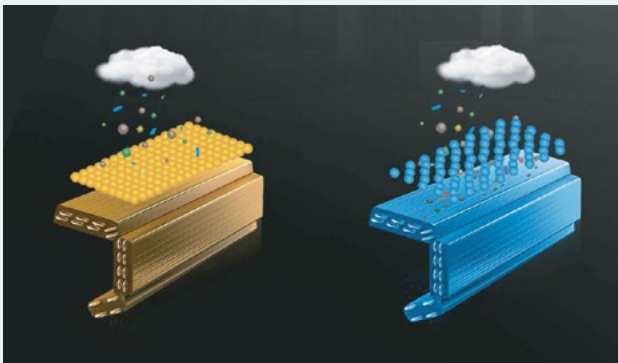
## Features

### ● Refreshing Clean Air

The high efficient negative ion filter will freshen the air by releasing more than 2,000 pcs/cm<sup>3</sup>/s negative ions to attract and neutralizes the positive ions. This helps to trap dust, deactivates micro-organism such as bacteria, odorous smoke & fungus.

### ● Durable Gold Fin Evaporator Coil

The unique anti-corrosive golden coating on the aluminium fin will enhance anti-corrosion resistance. It also effectively prevents bacteria from breeding and improve heat transfer efficiency.



### ● Fireproof Electronic Control Box

The electric control box uses an ABS material with a 5VA flame retardant rating, and the other surface is covered with sheet metal, which isolates the electrical control box from fire.

### ● Improve Cooling Performance

The evaporator coil uses high efficiency inner groove copper tube of 54 grooves as compared to the conventional 45 grooves. This enlarges the heat transfer surface area and increases heat transfer efficiency up to 7.3%.



Conventional Tube



High Efficiency Tube

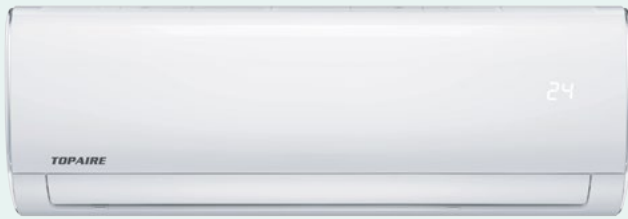


### ● Refrigerant Leakage Detection

The system will stop operating automatically to ensure safety once the refrigerant leakage is detected.



## Wall Mounted AF3 Series



**TWM 10AF3**  
9,000 BTU/HR

**TWM 13AF3**  
12,000 BTU/HR



**TAS 10AF3**



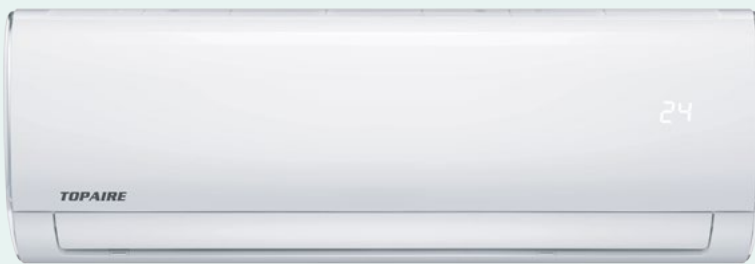
**TAS 13AF3**



**TWM 18AF3**  
18,000 BTU/HR



**TAS 18AF3**



**TWM 25AF3**  
24,000 BTU/HR



**TAS 25AF3**

## 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/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



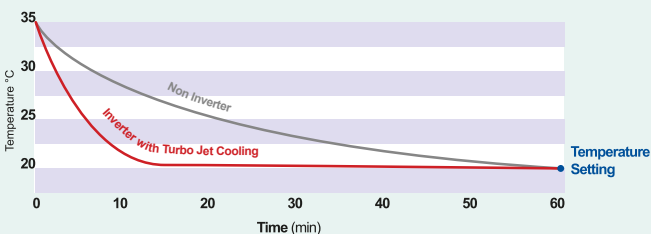
LED Display

- 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



MODEL			Indoor	TWM 10AF3	TWM 13AF3	TWM 18AF3	TWM 25AF3
			Outdoor	TAS 10AF3	TAS 13AF3	TAS 18AF3	TAS 25AF3
Cooling	Btu/hr			9,000	12,000	18,000	24,000
	kW			2.64	3.52	5.28	7.03
Power input	W			824	1,053	1,520	2,070
Rated current	A			3.80	4.80	7.00	9.50
EER	W/W			3.20	3.34	3.47	3.40
CSPF	Wh/Wh			3.59	3.48	3.65	3.72
Power supply			V/Ph/Hz	220 - 240 / 1 / 50			
Indoor	Fan	Air flow	CFM	320	350	480	630
		Sound level	dBA	41 / 32 / 28	41 / 33 / 29	41 / 36 / 32	46 / 44 / 41
		Type		Cross flow / Direct drive			
	Coil	Tube		Seamless inner groove copper tube			
		Fin		Hydrophilic aluminium gold fin			
		Air filter		Washable high efficiency filter c/w active carbon & ionizer filters			
	Dimension	Width	mm	805	805	957	1040
		Depth	mm	194	194	213	220
		Height	mm	285	285	302	327
		Net weight	kg	8.0	8.4	11.0	13.5
Outdoor	Compressor	Type		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)	12.70 (1/2)	12.70 (1/2)	15.88 (5/8)
	Dimension	Width	mm	681	770	770	946
		Depth	mm	285	300	300	410
		Height	mm	434	555	555	810
Net weight		kg	24.0	28.2	38.0	61.0	

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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