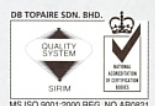


TOPAIRE
air conditioner



Wall Mounted | AIR CONDITIONERS

STYLISH • SLIM • MODERN • ENERGY SAVING • SILENT



Innovative & Advance Features

7 SEGMENT LED DISPLAY PANEL

Centre LED Panel with Room Temperature display. This enables you to control and set the comfort cooling level according to individual requirement based on the display temperature.



Centre LED display panel

ADVANCE LCD REMOTE CONTROLLER



- 3 Operation Mode selection
 - *Cooling Mode, Dry Mode, & Fan only*
- 4-Fan speed selection
 - *Low, Medium, High and Auto-Fan speed*
- Set Temperature Selection function
- Real Time Clock Display
- 24 hours On/ Off timer
- Sleep Mode function
- On/ Off Swing function

BUILT-IN OVERLOAD PROTECTOR & COMPRESSOR PROTECTION

(Applicable to 1.0hp to 2.5hp only)



The unit comes with a Built-In Overload Protector and 3-mins compressor delay protection to prevent overloading and power surge. No starter is required except Isolator or 15 Amp 3-pin socket to isolate the power supply for servicing, maintenance and repair purposes. We recommend that the power supply should be isolated or switch off once the air conditioner is not in use for safety purpose.

MOBILE MASTER PROGRAMMER (MMP)

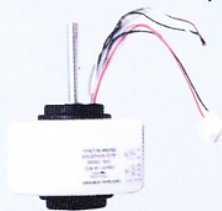


The first of its kind, Topaire Mobile Master Programmer enables the pre-set fan speed to be programmed to customers' satisfaction to achieve optimum cooling and quiet environment if the needs arises at your doorstep.

The fine turning is subject to products design limitation and applicable to wall mounted HS-series only.

HIGH EFFICIENCY "PG" MOTOR WITH LOCK ROTOR PROTECTION

The HS-series is equipped with an advance Pulse Generator motor. The pre-programmed, Low, Medium and High speeds of the motor is controlled by electronic pulse generated by the control module. This ensures quiet and smooth change of fan speeds as compared to conventional 3-speeds motor with annoying ticking noise from electrical relays.



Constant speed and airflow is maintained when the supply voltage fluctuates with the Close Loop Constant feedback from the fan motor. Lock Rotor Protection will shut down the unit in case of bearing or blower wheel jam or motor running at abnormal low speed compared to the set speeds to prevent motor overheating.

4-WAY AIR DISCHARGE

Cool air can be evenly distributed with the Auto Up-Down swing function and manual Left-Right louvers. The random pitched blades cross-flow fan ensures smooth and quiet air flow.



AUTO-RANDOM RESTART WITH LAST MEMORY

Unit will automatically resume operation after power interruption according to preset condition. The auto random pre-programmed different starting time lapse will ensure that all the air conditioners will not resume operation at the same time for multiple installations within the same building to prevent power surges. This function can be deactivated using the Remote Control. For details, please refer to our operating manual.

SELF-DIAGNOSIS CAPABILITY

Capable of detecting and diagnose any malfunction or component failure in the system and at the same time protect the unit from running to avoid further damage. A malfunction code will appear on the LED display panel. (Malfunction code ref: E:01, E:02, E:03, E:04, E:05)

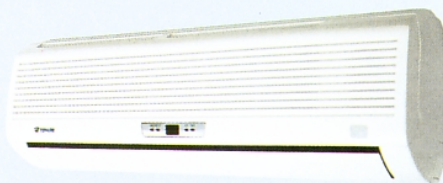
Each code represents the respective fault or parts effected. For details please refer to our operation manual on diagnosis and trouble shooting.

Outstanding Efficiency & Reliability



>>> TAS 09C/
 TWM 03HS
 (9,300 Btu/Hr)

>>> TAS 10C/
 TWM 03HS
 (10,000 Btu/Hr)



>>> TAS 13C/
 TWM 04HS
 (13,000 Btu/Hr)

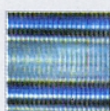
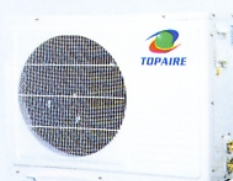


>>> TAS 18C/
 TWM 06HS
 (18,000 Btu/Hr)

>>> TAS 22C/
 TWM 06HS
 (21,000 Btu/Hr)



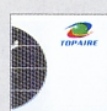
>>> TAS 26C/
 TWM 08HS
 (25,000 Btu/Hr)



High Efficiency
 Hydrophilic Blue Fin
 (For indoor only)



High Efficiency
 Inner-Grooved Copper Tube



Electro-Galvanised steel with
 Epoxy Powder Coating



Ageing-Resistance ABS
 material



High EER & Reliable
 Rotary Compressor



Large Diameter Low noise
 Cross Flow Fan

SPECIFICATIONS

MODEL	WALL MOUNTED UNIT SPECIFICATIONS						
	Indoor	TWM 03HS/HR	TWM 03HS/HR	TWM 04HS/HR	TWM 06HS/HR	TWM 06HS/HR	TWM 08HS/HR
	Outdoor	TAS 09C	TAS 10C	TAS 13C	TAS 18C	TAS 22C	TAS 26C
Nominal Cooling Capacity	Btu/hr	9,300	10,000	13,000	18,000	21,000	25,000
	Kw	2.73	2.93	3.81	5.27	6.15	7.33
Air Flow	cfm	280	280	330	500	500	560
	cmh	476	476	561	850	850	952
INDOOR							
Evaporator Coil	Tube Material	Seamless Inner Groove Copper Tube					
	Fin Material	Aluminium Hydrophilic Slit Fin					
Fan	Type/Drive	Cross Flow/ Direct					
Fan Motor	Type	3 Speed Permanent Split Capacitor (PSC)					
	Power Supply (V/Ph/Hz)	220 - 240 / 1 / 50					
	Rated Output (W)	16	16	16	30	30	35
	Full Load Current (A)	0.20	0.20	0.23	0.37	0.37	0.34
Operation Control		LCD Wireless Remote Control (HS) / LCD Wired Control (HR)					
Refrigerant Pipe Size	Liquid (in)	1/4	1/4	1/4	3/8	3/8	3/8
	Suction (in)	3/8	3/8	1/2	5/8	5/8	5/8
Air Filter	Type	Anti Fungus Washable Saran Net					
Dimension	Height (mm)	268	268	285	325	325	325
	Width (mm)	788	788	886	1090	1090	1090
	Depth (mm)	180	180	180	218	218	218
Net Weight	Kg	8.0	8.0	10.0	13.0	13.0	13.0
OUTDOOR							
Condenser Coil	Tube Material	Seamless Inner Groove Copper Tube					
	Fin Material	Aluminium Slit Fin					
Fan	Type/Drive	Propeller / Direct					
Fan Motor	Type	Permanent Split Capacitor (PSC)					
	Power Supply (V/Ph/Hz)	220 - 240 / 1 / 50					
	Rated Output (W)	20	20	20	50	50	80
	Full Load Current (A)	0.2	0.2	0.2	0.4	0.4	0.5
Compressor	Type	Rotary					
	Power Supply (V/Ph/Hz)	220 - 240 / 1 / 50					
	Running Current (A)	3.8	4.0	5.6	8.2	9.3	10.9
Refrigerant	Type	R22					
	Control	Capillary Tube					
Pipe Connection		Flare Valve					
Refrigerant Pipe Size	Liquid (in)	1/4	1/4	1/4	3/8	3/8	3/8
	Suction (in)	3/8	3/8	1/2	5/8	5/8	5/8
Dimension	Height (mm)	490	545	545	560	560	650
	Width (mm)	600	645	700	800	800	860
	Depth (mm)	235	245	255	280	280	310
Net Weight	Kg	26	27	29	43	44	56

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

Note: The nominal cooling capacity is based on condenser air entering temperature 35°C OD DB and air on coil temperature 27°C/19.4°C ID DB/WB.



TOPAIRE SALES & SERVICES SDN. BHD.

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