Thermor

Aeromax Premium

Universality of an all-weather plug-and-play solution with optional connection to solar installations

Characteristics

▸ 70% energy savings* with COP of 3.8**
▸ Maximum protection against corrosion thanks to ACI hybrid technology
▸ Precise & easy mode settings and temperature adjustment with wireless remote control
▸ Simple installation with adjustable air inlet/outlet and adjustable feet
▸ Easy transportation with possibility to lay the product on one side for horizontal transporting
▸ Green energies hybrid options through compatibility with solar installations (photovoltaic panel or solar collector) and boiler systems (built-in coil)
▸ Large optimised coil for fast heating adapted to low temperatures devices

Comfort

- Heat pump temperature range from +5°C to 43°C
- Household-friendly noise level
- Electric back-up with Steatite 1800 W element
- 5 operating modes: Auto, Eco, Boost, Solar, Holidays
- A circulation connection to provide comfort on all point-of-use
- Transport: Possibility to lay down on one side for ease of transportation

Savings

Heat pump
- COP from 3.7 to 3.8

Tank
- CFC-free high-density insulation for increased energy savings
- Built-in coil version for solar & boiler solutions
- High-efficiency water inlet

User-friendliness

- Digital remote control with automatic temperature adjustment, day to day programming, hot water level indicator, Holidays mode
- Easy to install and to use
- Adjustable air inlet/outlet

Quality - Durability

Tank
- ACI hybrid anti-corrosion technology and Steatite heating element
- New generation Zircon enamelling
- Pressure relief valve
- Dielectric union
- Magnesium anode for increased protection of the tank
- Specific lip gasket to prevent rust around flange

Easy to install

Models available***	Output	Energy savings
1 2 3	HEAT PUMP WATER HEATER FLOOR STANDING **200 to 270L**	UP TO **70%** ENERGY SAVINGS*
Controls	Technology	Heating element type
Digital remote control	ACi hybrid	STEATITE technology

A ▸ ErP Best

*Aeromax 200L version. **According to EN 255-3.
***Models available: 1.Vertical wall mounted - 2.Horizontal wall mounted - 3.Vertical Floor standing.
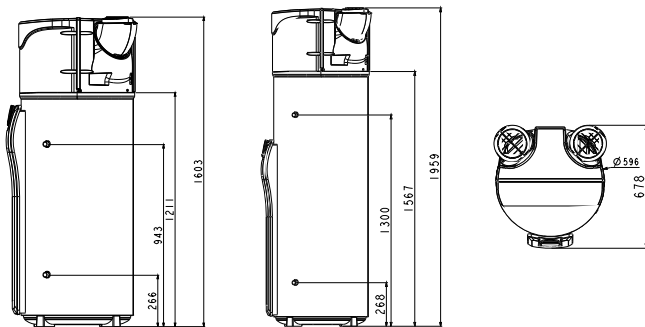
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1 Evaporator
2 High efficiency heat pump: COP = 3.8**
3 Wireless remote control
4 Zircon enamel
5 Enamelled sleeve and Steatite heating element
6 Coil 30 kW (1.2 m²):
  • Solar mode
  • Boiler mode
7 Adjustable air inlet / outlet (360°)
8 ACI hybrid anti-corrosion protection
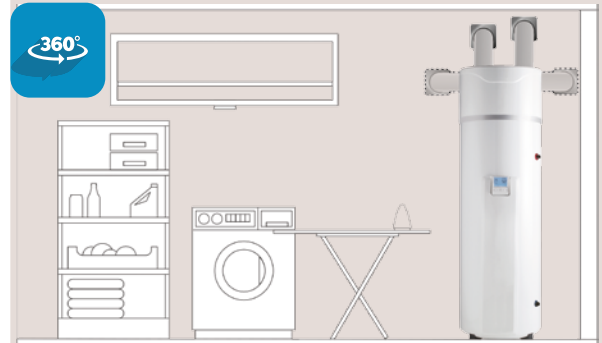9 Adjustable feet

WIRELESS REMOTE CONTROL

1 Programming functions:
  • Daily programmable (working period)
  • Statistics (consumption...)
2 High visibility display (temperature, informations...)
3 Running mode dynamic view
4 Active mode view: Modes/Set-up (Holidays, ECO, Auto, Boost, Solar, Boiler)
5 Settings
6 Mode selection
7 Information / Statistics (consumption, working time...)

Installation dimensions (in mm)

Ajustable air inlet / outlet

360°

AEROMAX PREMIUM

Technical data

Specifications	Capacity (L)	
	200	**270**
Dimensions (mm)	1 603 x 676 x 625	1 959 x 676 x 625
Net weight without coil (kg)	85	93
Net weight with coil (kg)	100	118
Electric back-up volume (L)	110	130
Rated water pressure (bars)	8	
Electrical connection (V/Hz)	230 V~/50 Hz	
Maximal total power consumed by the device (W)	2 465	
Average power consumed by the heat pump (W)	525	
Power consumed by electric heating (W)	1 800	
Water temperature range by heat pump (°C)	40 to 62°C	
Heat pump temperature range of use (°C)	5 to 43°C	
Refrigerant fluid R 134A (kg)	1.25	
Vacuum air flow (ambient installation) (m3/h)	400	
Coefficient of performance at 15°C* (ambient)	3.79	3.73
Coefficient of performance at 7°C** (ambient)	2.90 (L profil)	2.72 (XL profil)
Noise level at 2 m (dB(A))	37	
Heating time from 15 to 51°C (ambient installation 15°C air) (H)	4h48	7h32
Coil power (kW) primary 90°C/2m³, secondary 45°C (kW)	30	
Coil surface (m²)	1.2	
ERP Energy class	A	A

CE | *In the conditions of EN 255-3 - **In the conditions of EN 16147

Suitable for all installations (low ceiling, corner...)