

NEW

ELEO M TFHA

Monoblock thermodynamic water heater

+ PRODUCT

- 316L stainless steel tank
- Connectivity
- Natural fluid R290

Connectivity



SMART LIFE

Technology



BLUE FIN TREATMENT EXCHANGER

User functions



PROGRAMMABLE TIMER



REMOTE CONTROL LOCK



WI-FI

Installer functions



ERROR PART NUMBER VIA INDOOR UNIT



AUTO-DIAGNOSTIC



DRY CONTACT ON/OFF



BMS COMPATIBLE



TECHNICIAN TEST MODE



HEATING AUXILIAIRE



DOMESTIC HOT WATER



Stainless steel tank 316L



TFHA 200L

TFHA 300L

+ SUSTAINABLE DEVELOPMENT

- A+ energy class.
- **Smart Grid:** intelligent use of electricity from solar panels to power the tank and maximize self-consumption.
- Peak/off-peak hours: turns off electric heating during periods of high prices.
- New R290 natural fluid.

+ USER

- **Mode Éco:** precise programming of operating limits to optimize heating cycles.
- New interface, even simpler.
- Weekly program to reduce your consumption and follow your lifestyle.
- Wi-Fi connectivity.

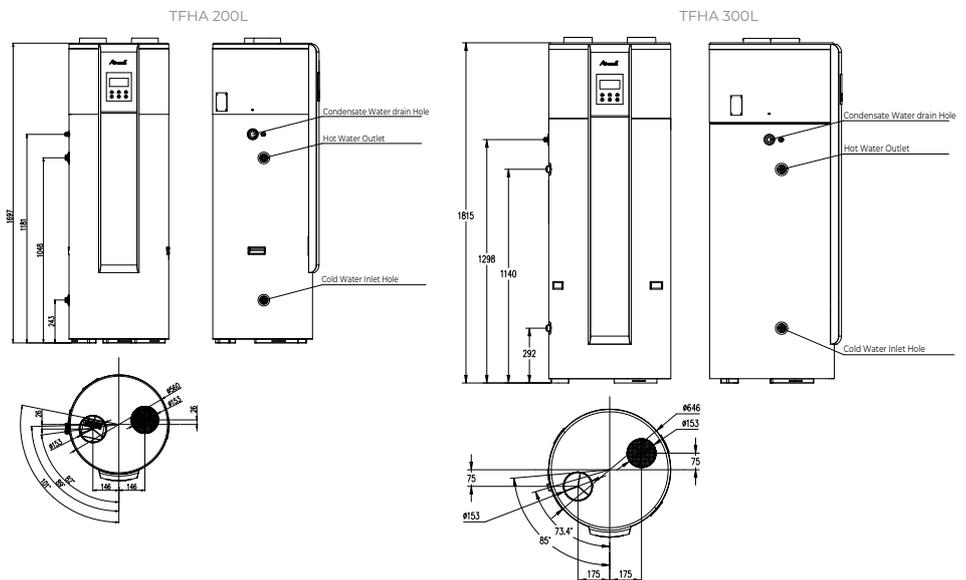
+ INSTALLER

- No magnesium anode to replace.
- Integrated electric heater.
- Easy to handle thanks to low weight.

+ TECHNOLOGY

- **New stainless steel tank:** no more corrosion problems.
- Heat exchanger external to the tank.
- Improved static pressure.
- Protected electric heater.

TECHNICAL DRAWS



TECHNICAL DATA

| UNITS INDOORS | | TFHA-200H-04M25 | TFHA-300H-04M25 |
|---------------------------------------|--------|------------------|------------------|
| Part number | | 7MB170012 | 7MB170013 |
| Phase | | Single-phase | Single-phase |
| Volume | L | 200 | 300 |
| AIR +7°C WATER 10/55°C | | | |
| Heating capacity | kW | 1.18 | 1.21 |
| Total power input | kW | 0.42 | 0.43 |
| COP | | 2.80 | 2.83 |
| AIR +15°C WATER 10/55°C | | | |
| Heating capacity | kW | 1.61 | 1.60 |
| Total power input | kW | 0.43 | 0.42 |
| COP | | 3.75 | 3.78 |
| PERFORMANCES (AVERAGE CLIMATE) | | | |
| DHW profile | | L | XL |
| Energy label | | A+ | A+ |
| Energetic efficiency | % | 133 | 144 |
| COP | | 3.21 | 3.44 |
| Annual consumption | kWh | 735 | 1158 |
| Heat up time | h:mm | 7:45 | 11:39 |
| Standby power input | W | 34.0 | 47.0 |
| Reference hot water temperature | °C | 54.2 | 54.7 |
| Volume of mixed water at 40°C | l | 253 | 395 |
| PERFORMANCES (WARMER CLIMATE) | | | |
| Energetic efficiency | % | 186 | 181 |
| Annual consumption | kWh | 548 | 924 |
| PERFORMANCES (COLDER CLIMATE) | | | |
| Energetic efficiency | % | 109 | 105 |
| Annual consumption | kWh | 1038 | 1604 |
| SOUND LEVEL | | | |
| Sound pressure level (1m) | dB(A) | 46 | 46 |
| Sound level | dB(A) | 59 | 59 |
| OPERATING LIMITS | | | |
| Outdoor air temperature | °C | -7 / 43 | -7 / 43 |
| water temperature maximale | °C | 75 | 75 |
| REFRIGERATION CIRCUIT | | | |
| Refrigerant/GWP | | R290/0.02 | R290/0.02 |
| Charge | kg | 0.15 | 0.15 |
| AIRFLOW | | | |
| Air inlet/outlet | mm | Ø150 | Ø150 |
| Airflow | m³/h | 450 | 450 |
| HYDRAULIC | | | |
| Hot water connection | inches | 3/4" M | 3/4" M |
| City water connection | inches | 3/4" M | 3/4" M |
| POWER SUPPLY | | | |
| Phase/Voltage/Frequency | | 1P/220-240/50Hz | 1P/220-240/50Hz |
| Electric backup heater built-in | kW | 2 | 2 |
| Power cable section | mm² | 3x1.5 | 3x1.5 |
| Fuse rating am | A | 16 | 16 |
| DIMENSIONS | | | |
| Dimensions (HxØ) | mm | 1750x560 | 1920x650 |
| Package dimensions (WxHxD) | mm | 620x690x1877 | 690x690x2067 |
| Net weight/Gross weight | kg | 74/91 | 110/132 |