

EGEA TECH 200-260 HT/LT/LT-S

FLOOR-STANDING HEAT PUMP WATER HEATER FOR LOW OR HIGH TEMPERATURES



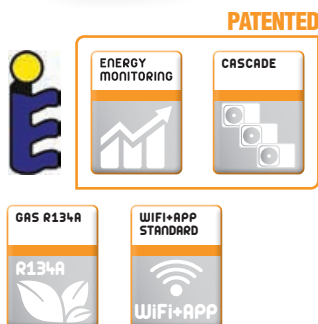
> GENERAL FEATURES:

- Air-source heat pump for floor installations with integrated storage tank for domestic hot water production
- LT models are equipped with an **active defrosting system** allowing correct operation down to -7°C air temperature
- Refrigerant gas R134a
- Integrated 1500 W electric heating element
- Built-in Wi-Fi for smartphone control via the "**FERROLI HOME**" App
- Simple and intuitive onboard touch control panel
- Enamelled steel water storage tank with 50 mm polyurethane insulation
- Main aluminum heat exchanger external to the tank
- Prepared for solar coil connection (**version "LT-S"**)
- Double magnesium anti-corrosion anode
- Possibility to duct air and programmable anti-legionella cycle
- Provision (digital input) for activation using available photovoltaic energy
- Provision (digital input) for activation with reduced electricity tariff
- Provision (digital input) for connection with solar thermal systems (**models "LT-S"**)
- Integrated management of forced-circulation solar thermal systems (**models "LT-S"**)
- The standard control electronics allow the management of **cascade systems with up to 8 EGEA TECH floor-standing units using MASTER-SLAVE logic** via Modbus connection between units. Through the FERROLI HOME app or the onboard control panel, several operating modes can be selected: **Eco**: heat pump only (max setpoint 62°C) / **Auto**: heat pump with electric element support if needed (max setpoint 62°C) / **Boost**: heat pump and electric element simultaneously (max setpoint 75°C) / **Electric**: electric element only (max setpoint 75°C) / Fan: ventilation only.

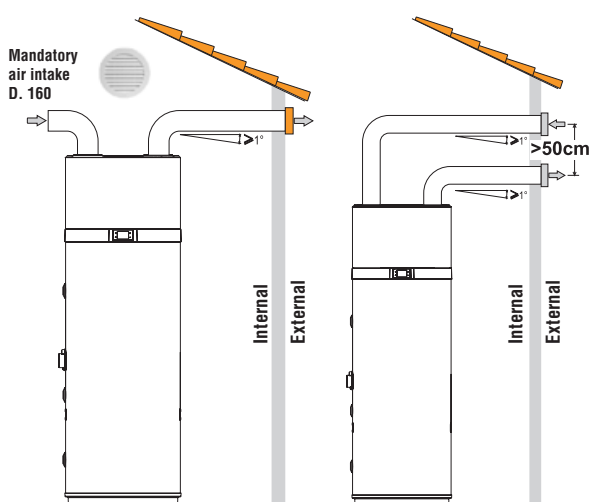
The EGEA TECH electronics can manage and optimize integration with alternative energy sources.

LT-S models can be combined with a solar thermal system, controlling its components through standard electronics or integrating with dedicated control units.

Energy consumption can be monitored via the **ENERGY MONITORING function (designed and patented by FERROLI)**, ensuring efficient domestic hot water production and maximum user comfort.



CHANNELING EXAMPLES



CONNECTIVITY Thanks to the "**FERROLI HOME**" App downloadable on smartphone, EGEA TECH can be fully managed by changing its parameters and operating modes.



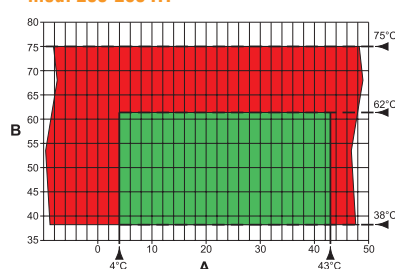
SUPPLY VOLTAGE RANGE The table below gives the variation conditions allowed for the power supply

Alimentazione standard	230-1-50	V-ph-Hz
Range di tensione ammessa	207 - 254	V

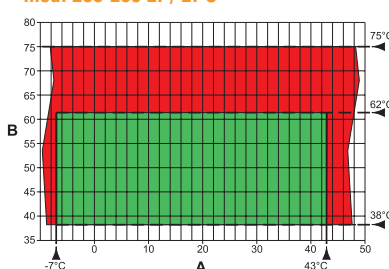
OPERATING LIMITS

Temperature range. The graph below gives the temperature range of the air and water produced within which correct operation is guaranteed.

mod. 200-260 HT



mod. 200-260 LT / LT-S



- A** Inlet air temperature $^{\circ}\text{C}$
- B** Temperature of hot water produced $^{\circ}\text{C}$
- Working range for heat pump
- Integration with heating element only