

CTE 001 mobile electrothermal unit 16 kw

Technical description

Thermal electric system adjustable from 1 to 16 kw, complete with hydraulic separator, mixed zone and a fixed point, suitable for production water at low and high temperature, complete with circular pump, AT-BT limit probes of the temperature, control panel with electronic cards and LCD display, safety valve, pressure gauge and thermometer, stainless resistance steel corrosion resistant, loading and unloading valve, input and output shut-off valves, automatic vent valve, expansion tank.

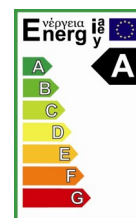
This unit is assembled and tested both hydraulically and electronically.

Raccomandated application

Hot thermal test two pump areas
Heating of greenhouses and prefabricated environments
Temporary emergency heating
Heating and drying building parts
Drying screeds for radiant systems
Workplace without heating
Heating box and yards

Product plus

Open manual cycle settable by the user
Adherence cycle to technical standard UNI 1264
Program suitable for self-levelling screeds
USB port for unloading report
Pin code protection machine
Water heating production high and low temperature
Direct water heating production for boiler power
Electric power settable step by step from 1 to 16 kw
Adjustable operation machine



Direzione amministrativa e commerciale

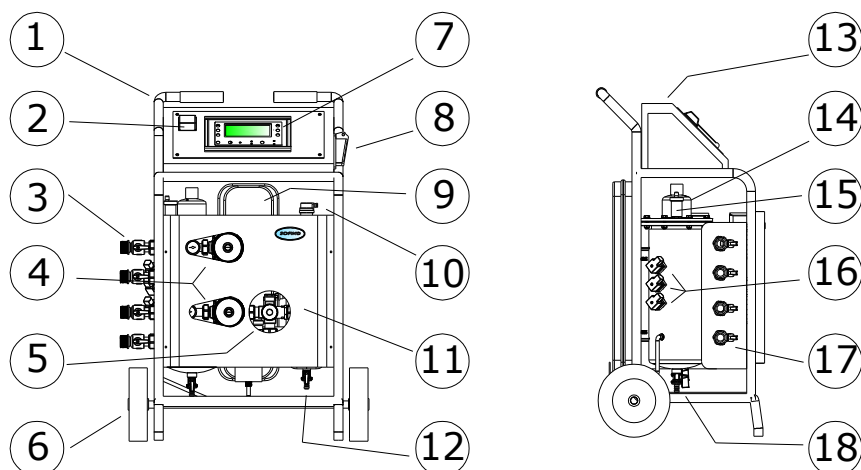
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Produzione e laboratorio

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Description of the main components installed



- 1- Metal frame painted
- 2- Usb port
- 3- Shut-off valve
- 4- Circular pump
- 5- Thermostating mixing valve
- 6- Wheels cart
- 7- Control panel
- 8- Electrical socket
- 9- Expansion tank lt. 8
- 10-Air valve for hydraulic separator
- 11-Front panel
- 12-Loading and unloading valve fot hydraulic separator
- 13-Dash electrical board
- 14-Electrical resistance links
- 15-Air valve for principal boyler body
- 16-Control group probes and safety
- 17-Shut-off valve panel
- 18-Loading and unloading valve for principal boyler body

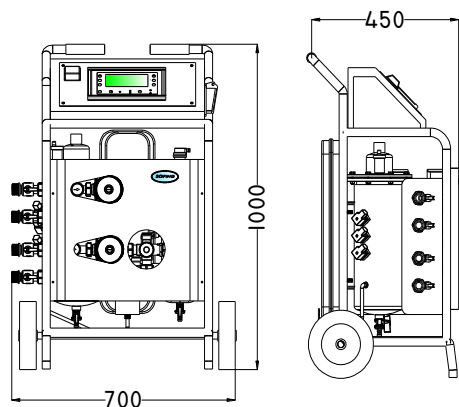
Operation logic

Hot water is produced at steel boyler body using inox electrical resistance. Then trough the pump of the primary circuit connected to hydraulic separator. The control probe maintains constant temperature of the circuit previously setted from electronic panel.

From this hydraulic separator branches a direct line with its pump and thermometer for visual control of temperature; always from the separator branches a second line with manual thermostating mixing valve and zone pump.

The safety sensor monitors all temperature setted, also the supply and returns probes, and pressure transmitter check and send parameters to the on-board panel for storing and operating reports.

Sizes and dimensions



Normativa di riferimento :

Sicurezza elettrica n° 2006/95/CE

Compatibilità elettromagnetica n° 2004/108/CE

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