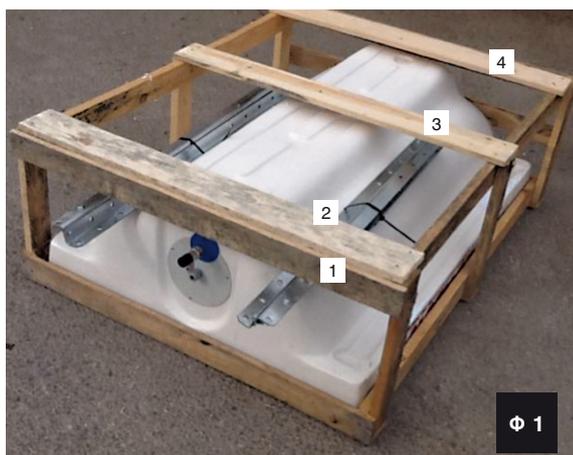


INSTALLATION INSTRUCTIONS

COMPACT 100 - 125 -160 - 200



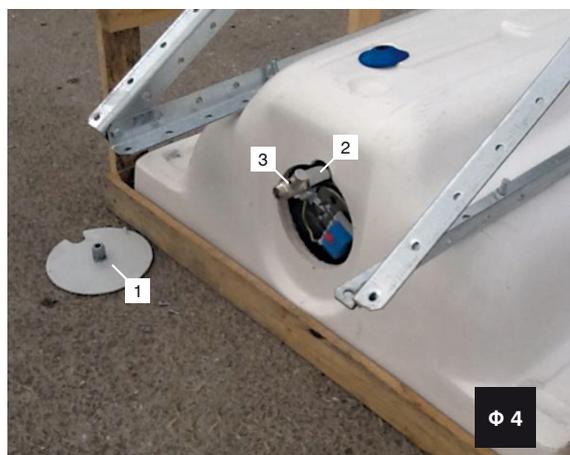
Place the COMPACT with the glass facing the floor.



Remove the 4 horizontal wooden planks.



Create the 2 triangles and place the "X" plates of the mount by tightening all screws and nuts.



Remove the plastic cover (1) and screw the nipple fitting (2) and the safety valve (3). (Use Teflon to seal them).



Connect the cold water inlet and hot water outlet (1/2" male thread). Use a 15X2.5mm plastic pipe. The unions that will connect the pipes with the device must have a 1/2" female thread. The plastic pipe that you will choose should be able to withstand temperatures up to 90oC and have a good tolerance at a pressure of 10 BAR. Insulate properly the pipes with a suitable insulating material of at least 6 mm.



Lift the wooden box to an upright position, remove and place the device in such a way that the northern part faces the South and the southern part the North.



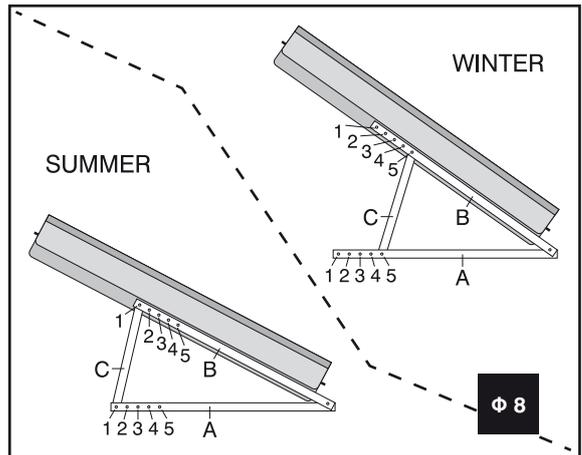
Connect the insulated pipes to the outlet and inlet of the device (1/2" male thread) and lead them to the place where they will be connected in order for you to be supplied with hot water at the desired place. Consult a plumber if you are not sure about the connections.

When first filling the device with cold water, the hot water outlet must be open (in order to let the air escape) until the device is completely filled.

Securely fasten the device at the place where it will be installed and screw it (positions 1, 2, 3, 4, photograph 7) by using dowels and lag screws. Make sure that the place where the device will be installed has the right static strength and the appropriate containment in order for the product to be protected against strong winds and extreme weather conditions. (Consult your mechanic).

CAUTION:

The company bears no responsibility for incomplete or improper installation of the device or for any damages that may be caused because of that to device or to third parties. We advise you to get an insurance against civil liability.



For the maximum performance of the device the vertical plates C should be connected to the positions 1A & 1B during the summer time (April - September) and during the winter time (October - March) to the positions 5A & 5B respectively (Photo 8).



DESCRIPTION OF THE ELECTRICAL RESISTANCE AND THE THERMOSTAT



For the electrical connection of the device the plastic cover must be removed. The connection must be made by a licensed electrician following the instructions below. (page 3 & 4)

- 21 Plastic cover
- 22 Electrical resistance
- 22A Thermostat position
- 22B Resistance lid
- 23 Mount of power supply line connector
- 24 Metal conductors for the connection of the resistance with the thermostat
- 25 Rubber flange for sealing
- 26 Central nut
- 27 Tightening nuts
- 28 Earthing terminal
- 29 Electrical resistance connector
- 30 Earthing conductor
- 31 Electrical conductors
- 32 Power supply line connector
- 33 Thermostat
- 34 Thermoregulator
- 35 Thermal safety switch (indication "F" of "S")

CABLE CONNECTION INSTRUCTIONS

1. Turn off the power supply.
2. The lid of the electrical resistance is at the bottom of the device. Unscrew the 4 screws and remove the lid (21).
3. The factory setting of the thermostat is set at 60°C. You can however, set the temperature that you desire by using the thermoregulator (34). In this case we strongly recommend that the temperature does not exceed the 75°C.
4. Check the thermal safety switch (indication "F" or "S") which is on the thermostat. The safety switch (red button) is in operation when pushed in.
5. Connect to the connector 2 of the thermostat of the connector "N" of the power supply line connector (blue cable). Connect to the connector 3 of the thermostat the connector "L" of the power supply line connector (black cable) (see figure).

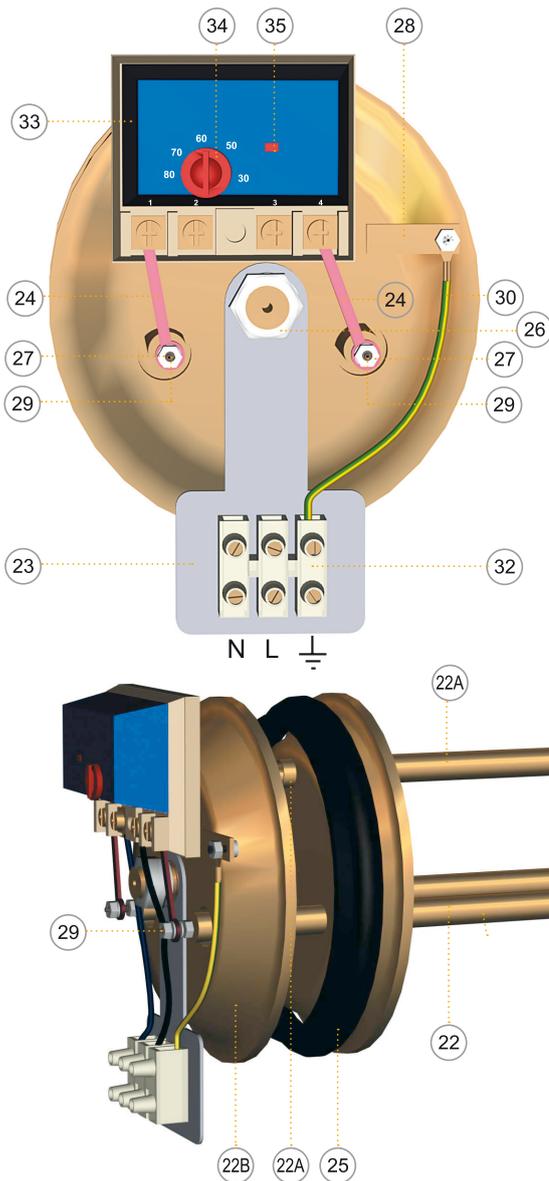
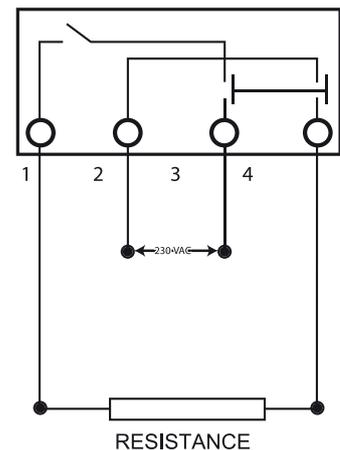
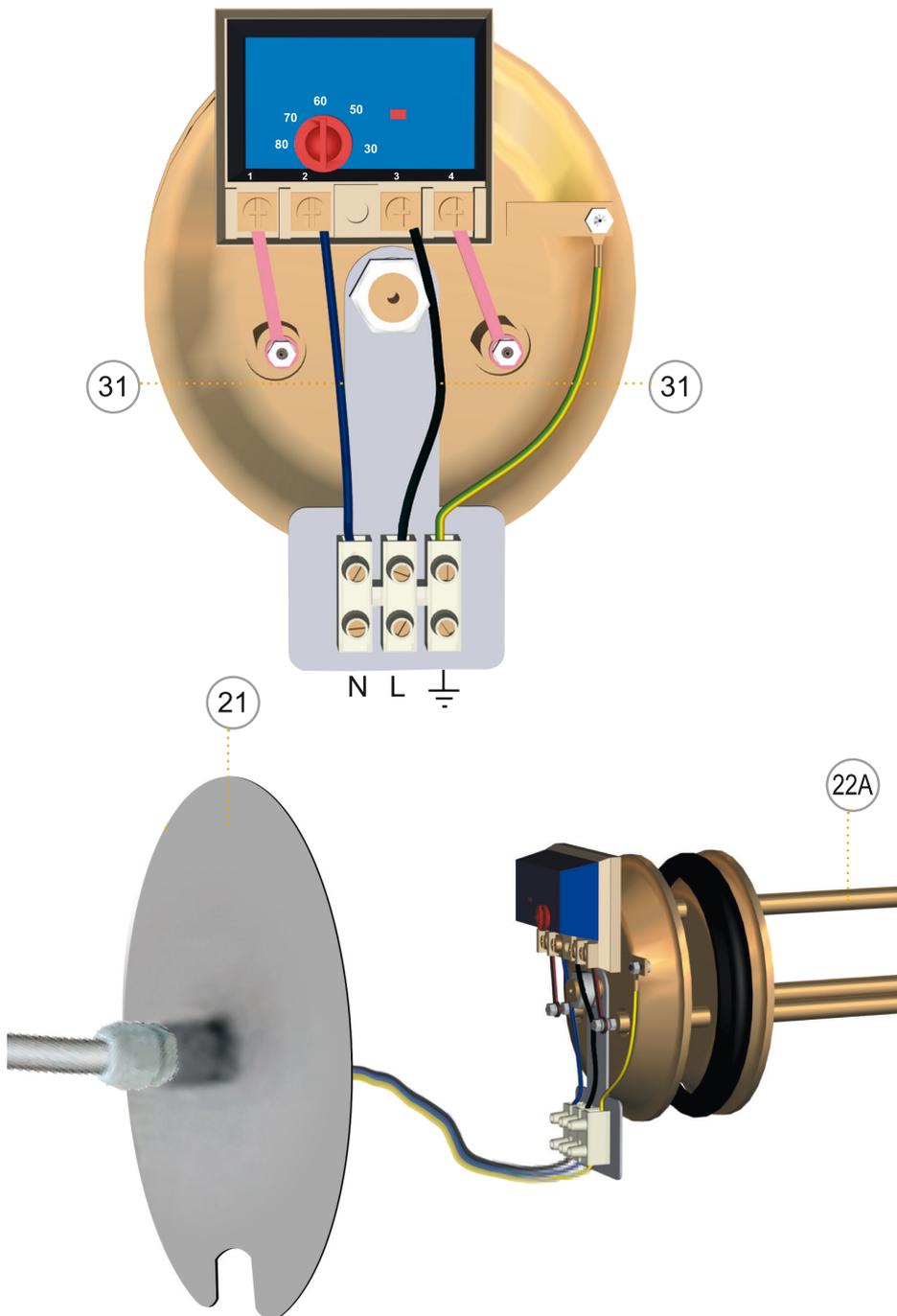


DIAGRAM OF ELECTRICAL CONNECTION OF THE THERMOSTAT





CABLE CONNECTION INSTRUCTIONS

6. The earthing conductor is connected by the manufacturer as shown in the figure. Make sure that it is firmly screwed.
7. Pass the cable through the hole of the lid (21) and connect the cables on the power supply line connector. Screw the lid 021 on the tank.
8. The standard power of the electric resistance is 4000W for 230 V. Upon request an electric resistance with power range from 800W to 400w can be delivered. For 110V an electric resistance with power range from 800W to 2000W is available (upon request).

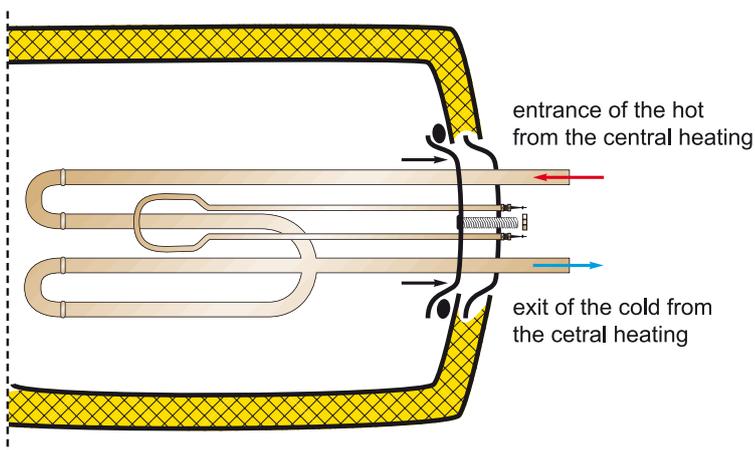
caution

- The earthing terminal (\perp) on the power supply line connector must be connected with the earthing terminal of the building.
- The power cord must be connected to a switchboard of minimum 3 mm distance between the contacts.

note

- The electrical connections must be made by a certified electrician
- Ensure that all electrical connections comply with the electrical regulations applicable in your area and your building
- Do not turn on the electrical resistance when the tank is empty.

ELECTRICAL RESISTANCE WITH AN INTEGRATED EXCHANGER



All the devices 100, 125, 160 and 200 can be delivered, upon request with an integrated on the resistance.

The exchanger can be connected with the central heating system for greater economy.

The instructions of the electrical connections are the same as those of the electrical resistance without exchanger.