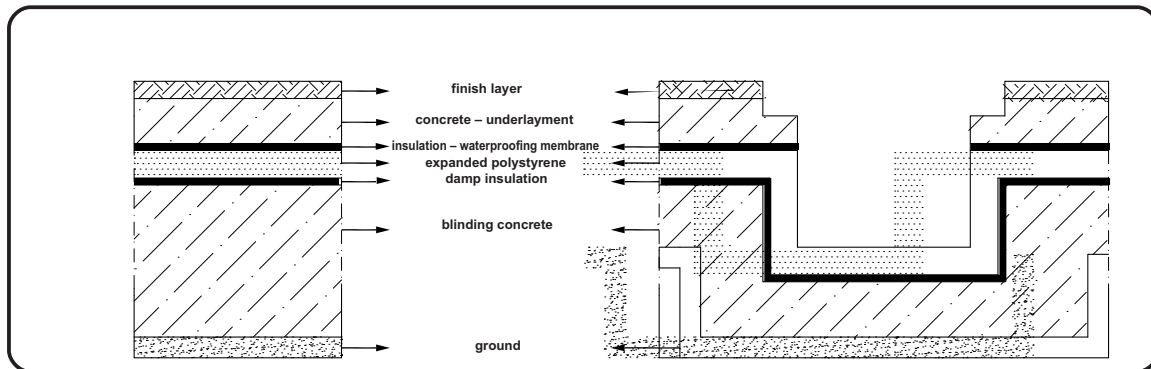
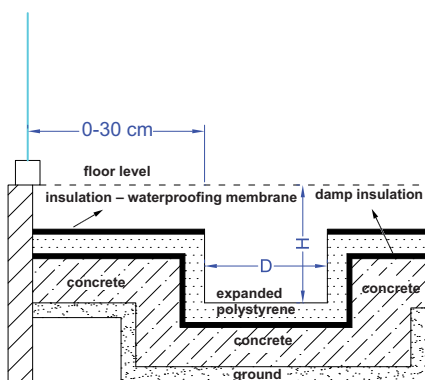


ASSEMBLY INSTRUCTIONS FOR THE TRENCH HEATING UNIT

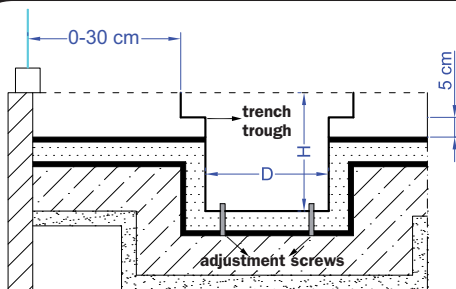
The heating trench, connections and the exchanger itself should be installed by a qualified specialist. The base layers next to and under the trough of the heating trench should be a continuation of the floor layers, see the figure below.



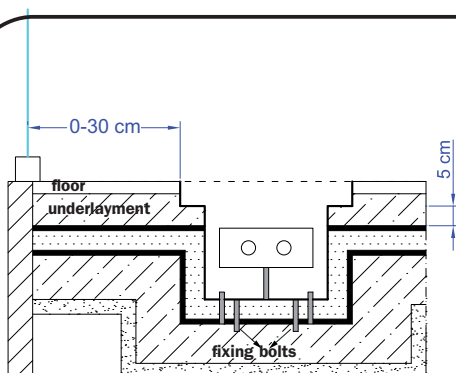
Each trough of the trench heating unit is equipped with four height regulators in the trough bottom corners. Their task is to ease the precise fitting of the upper frame edge together with the final floor level as well as the floor levelling



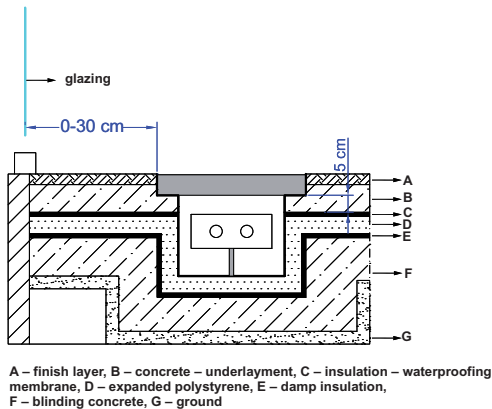
1. Plan and determine the place for installation of the trench heating unit. The unit should be positioned parallel to the wall (glazing). The distance from the wall or glazing is up to the user. If the external wall is well insulated, the trench unit can be directly adjacent to the wall. Usually, units are installed parallel to the wall, at a distance of 0 to 30 cm from the glazing. Curtains cannot be an obstacle to free circulation of the air in the trench.
2. Make a recess in the floor, sizing it so that the planned trench unit can be freely inserted in it and in accordance with the good building practice.
3. The thickness of the insulation under the trough and next to it should be adjusted to the flooring technology and the building insulation quality. The insulation layer is also to compensate for the discrete changes to the trough dimensions caused by temperature differences.



4. Insert the trench trough in the previously prepared hole in the floor.
5. Check the unit for the parallelism and the distance from the wall.
6. Even out and level the trench trough with the use of adjusting Allen bolts.
7. **Install the mounting spacers**



8. Fix the trench trough to the base with the use of ties or rawplug screws. The empty spaces under the trough can be filled with polyurethane foam or self-levelling floor compound.
9. Insert the appropriate hydraulic accessories in the trough.
10. For trench systems with a fan, insert the power supply in the trough.



11. Once all the (hydraulic and electric) connections are made, the trough and particularly its frame should be protected against deformation for the time of making the final underlayment, in particular against modification of the inside dimensions of the frame. Failure to protect the trough frame may result in a disproportion of the platform size in relation to the frame size and in rejection of potential claims for damages. Use the mounting spacers supplied with the unit or cut a 20 mm thick board to the required size to completely cover the frame field.

12. The component that transmits the load of the platform to the ground (base) is the trough frame. It must be accurately covered with the floor compound (underlayment) from the bottom and on the sides up to a height depending on the type of the final flooring (parquet, tiles, panelling or other). Appropriate thickness and strength of the underlayment under the frame should be ensured in accordance with the projected service load. **NOTE!** The trench trough section is not designed to transmit any load.

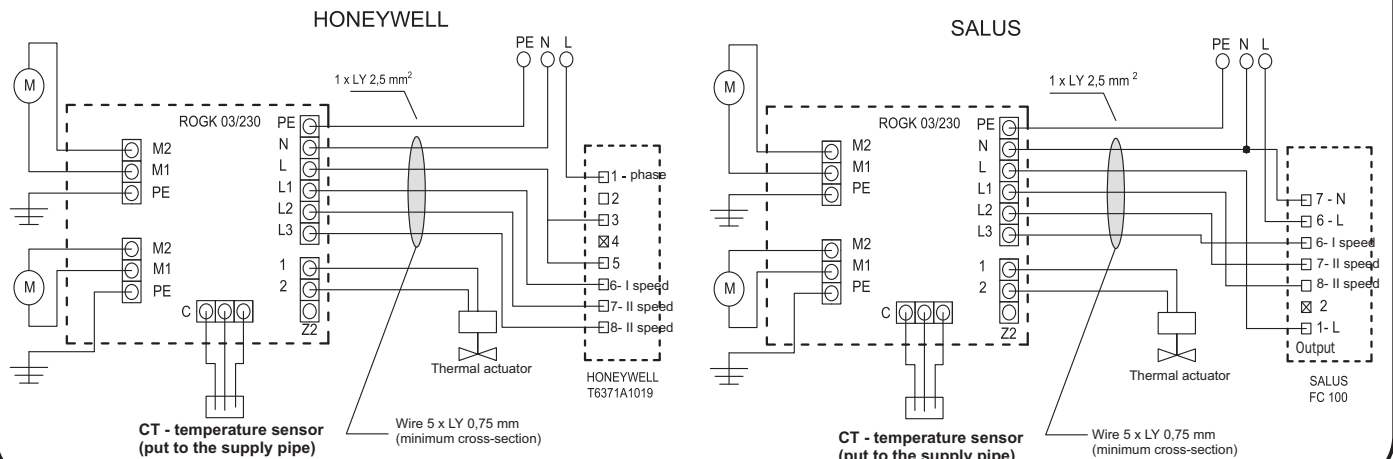
INSTALLATION INSTRUCTIONS FOR RADIATORS REGULUS®-system CANAL



- NOTE! The REGULUS-system CANAL VENT units can only be included in wiring systems fitted with a residual-current device.**
- Position the fan-equipped unit so that the fan is situated at the external side, that is, at the barrier side and the exchanger - at the room side.**
- Depending on the chosen type of control, make all the electric connections according to the appropriate diagram, and then connect the power source to the controller.
- Take care to ensure that there is no free space around and under the trough, as otherwise the result might be the occurrence of resonance, by which the fan operation is accompanied.

CONTROL - VARIANT III

Connection diagram of the controller with control module ROGK03/230V. Controllers of HONEYWELL or SALUS can be chosen. **NOTE! Up to three fan motors can be connected to single ROGK03/230V control module.**



CONTROL - VARIANT IV

Connection diagram for the EUROSTER 1288P controller with a P01 (P06) control box

NOTE!

A maximum of 3 fan motors can be connected to one P01 control box. A maximum of 14 fan motors can be connected to one P06 control box.

