

Tender specification:

Oventrop radiator connection module “Multimodul” for the connection of radiators to the pipework, consisting of insulated wall installation box with integrated valve, protection cover, screen and 2 chrome plated steel connecting pipes with suitable compression fittings. The module can be used for one and two pipe operation and has presetting, isolating, filling and draining facilities. Valve disc with EPDM O-ring seal. Protection cap with additional soft seal. Connection for draining and service tool. Connection to the pipework with compression fittings for G 3/4 male thread according to DIN EN 16313 (cone “Euro”).

Technical data:

Operating temperature t_s : 2 °C up to 100 °C
 Max. operating pressure p_s : 10 bar
 Fluids: Water or suitable water and ethylene/propylene glycol water mixtures according to VDI 2035/ ÖNORM 5195 (max. glycol proportion 50 %, ph value 6.5-10). Not suitable for steam, oily and aggressive fluids.

Item no.: 1015651

Function:

The Oventrop radiator connection module “Multimodul” is mainly used for the connection of radiators with integrated distributor. Installation is possible in either wall or floor with the draining facility always being accessible. The heating system may be operated even without radiators. Only after all building work has been completed, the radiators are connected so that any damage to the radiators during the construction period is avoided. The additional installation and dismantling of the radiators become unnecessary. To carry out hydronic balancing within the heating system, a presetting can be made to alter the flow resistance. Draining and filling of the radiator is carried out with the help of a tool with hose connection.

The “Multimodul” is preset at works for operation in two pipe systems. For operation in one pipe systems, the lateral screw has to be opened correspondingly. A radiator share of 35% is achieved by turning the adjustment stem by 1,5 turns.

Advantages:

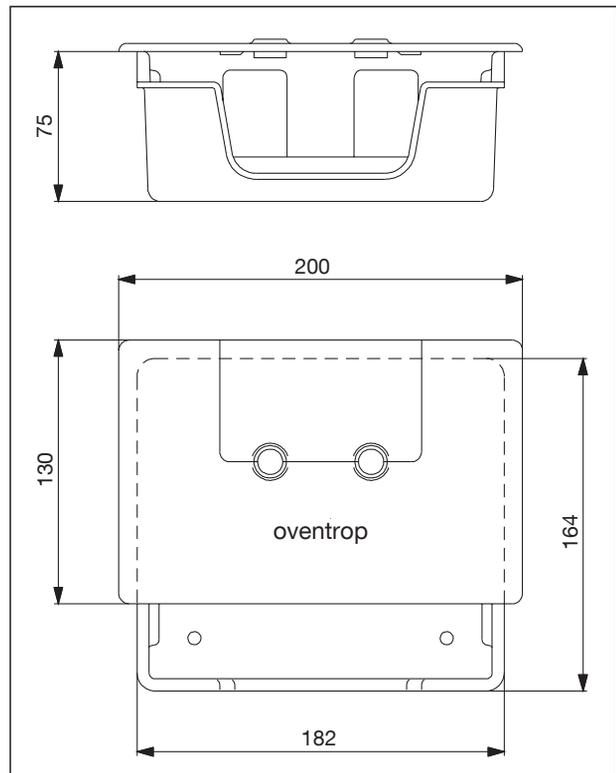
- installation of the pipework and operation of the heating systems without radiators
- any damage to radiators is avoided
- with isolating facility, filling and draining of the radiator via the valve
- suitable for one and two pipe operation
- cost-saving as the radiators remain on the spot after installation
- suitable for installation in either wall or floor
- dismantling of the radiator without the necessity to drain the heating system, for instance for room redecoration
- complete set consisting of the insulated wall installation box with mounted valve, chrome plated connecting pipes to the radiator including compression fittings, a two-piece, elegant cover in modern colour (white RAL 9010) and a protection cover made of hardly inflammable Styrofoam

Installation:

The wall installation box has to be placed in the centre of the radiator connections with the upper edge of the finished flooring not exceeding the marking on the protection cover. When installing the “Multimodul” into the wall, it must be observed that the distance between the marking and the radiator connection is at least 120 mm (see illustration on the back). The box is positioned and fixed in such a way that it protrudes to the proposed thickness of the plaster. The protection cover and the finished floor should be at the same level. The pipework is connected with the help of compression fittings. Oventrop offers compression fittings for different pipe materials and sizes. A special key (e.g. Oventrop item no. 1401091) is required for the tightening of the compression fittings.



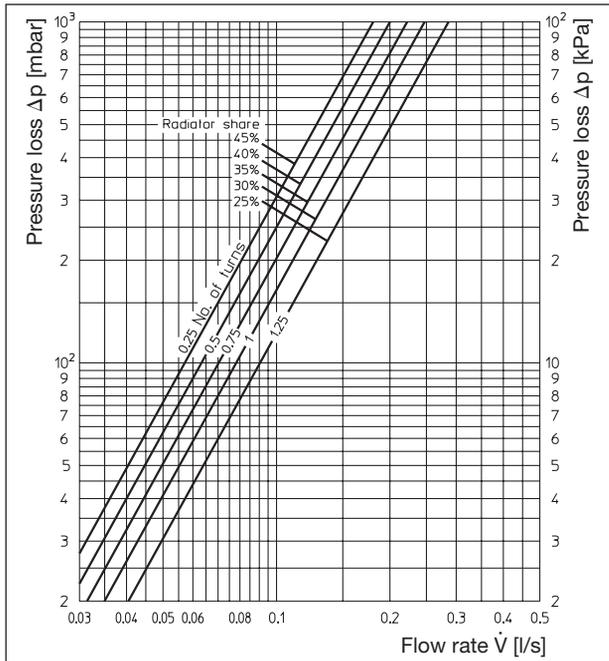
“Multimodul”



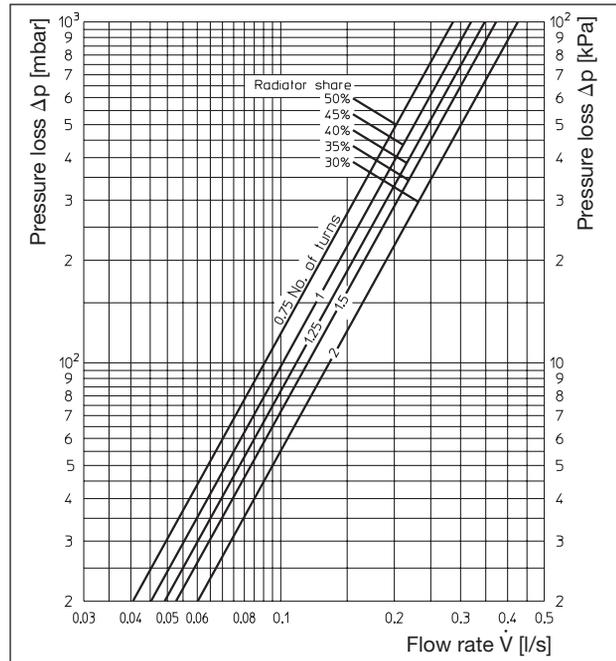
Dimensions

Filling of the installation, pressure test of the pipework and commissioning can be carried out without radiators. Afterwards the wall installation box is closed with the protection cover. Once flooring work, plastering and paintwork are complete, the radiator is installed by breaking out the upper part of the Styrofoam cover and then connecting the radiator to the “Multimodul” with the supplied chrome plated steel connecting pipes and compression fittings. From underneath the radiator, clip the cover onto the pipe elbows and fold over the flap until it clicks into position. Push the cover back against the wall.

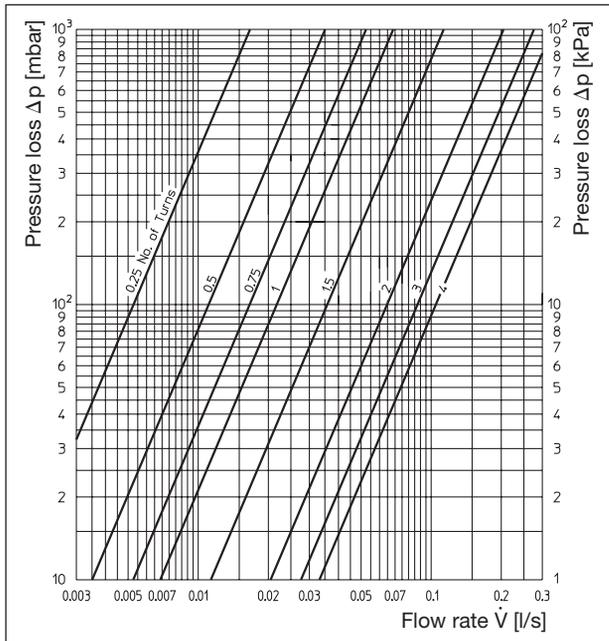
One pipe operation with Oventrop valve inserts
item no. 1018080/82/83



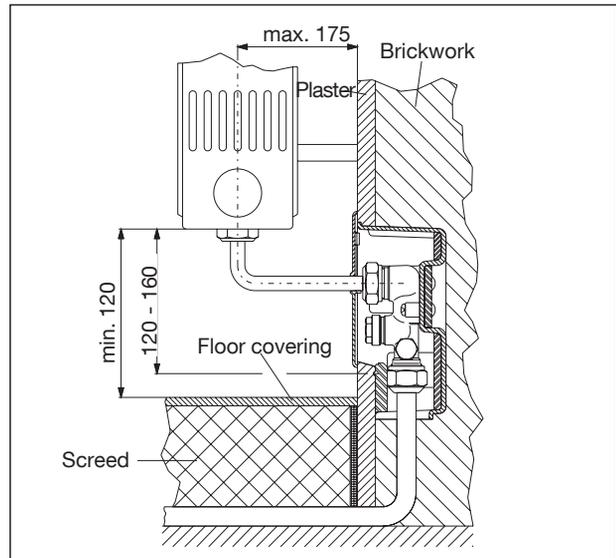
At 1 K P-deviation



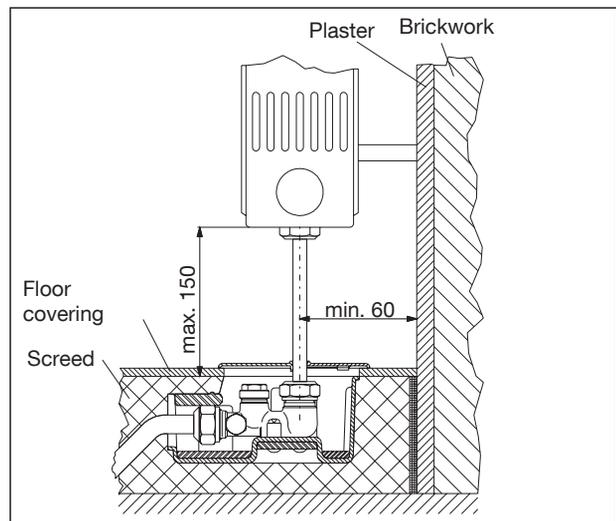
At 2 K P-deviation



Two pipe operation (bypass screw closed)



Wall installation of the “Multimodul”



Floor installation of the “Multimodul”

Subject to technical modifications without notice.

Product range 1
ti 104-EN/10/MW
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