

Roth GV manifold cabinet, universal

Roth GV manifold cabinet - universal 550 x 700, 800 x 700 and 1150 x 700 mm

The Roth GV universal manifold cabinet is a waterproof underfloor heating cabinet that can be used with Roth distribution pipes for underfloor heating, both with and without shunt. Roth ShuntUnits can of course also be installed in these cabinets. Underfloor heating and tap water installations can both be housed in the same cabinet.

The cabinet is universal and can be used as freestanding or recessed into a wall. The mountings in the cabinet are multi-adjustable, making the installation of all types of manifold easy and flexible.

The cabinets are fitted with Roth pipe bushings which can be used for all types of pipes (smooth and conduit pipes) with dimensions from 10 to 34 mm. The nipples are easily adjusted using pliers and are lubricated inside at the factory to facilitate easy pipe assembly. If using the nipples with conduit pipe, supplement with a fixation nipple for 20 - 28 mm or 25 - 34 mm conduit pipe. The cabinets are made with an integrated guard to protect the electrical parts of the underfloor heating control system against water splashes when filling, venting, etc. The guard will direct the water from a leak to the watertight bottom and out into the overflow. The guard can be removed during manifold installation

Door and frame are packed separately so they are protected if to be fitted later in the construction process. A plastic bag is supplied which can be fitted over the cabinet as protection during the construction period.

The watertight cabinets fulfil the requirements of DS469 (7) and with the MultiPex® pipe system they are approved according to NT VVS 129 and fulfil the requirements of DS439 and BR10.

Technical description

The Roth GV manifold cabinet – universal is made of steel pre-treated with the eco-friendly Oxsilan® technology which provides good protection against corrosion. The cabinet is subsequently powder coated in RAL 9010 colour.

Other internal fittings are made of galvanized steel. The guard inside the cabinets is made of soft PVC.

The cabinets are supplied in 3 different widths, 550, 800 and 1150 mm, all with a height of 700 mm. If used recessed into a wall, the recess depth is 95 mm, with door/frame mounted, the inner dimension (depth) is 106 mm making it possible to mount both Roth Shunt and ShuntUnit inside. Pipe bushings 10 - 34 mm made of EPDM, and QuickBox overflow are included.

Applications

- > Underfloor heating systems
- > Tap water systems
- > Radiator systems



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Technical data

Roth GV manifold cabinet.
550 mm, universal UK No. 046219.286

Roth GV manifold cabinet,
800 mm universal UK No. 046219.288

Roth GV manifold cabinet.
1150 mm, universal UK No. 046219.292

Accessories

Roth fixation nipple 20 – 28 mm UK No. 046297.728

Roth fixation nipple 25 – 34 mm UK No. 046297.734

Cabinet size/ dimensions	W	H	D	Recess dimensions	Number of circuits without 2-way shunts	Number of circuits with 2-way shunts	Number of holes	Number of nipples	Weight
550	550 mm	700 mm	106 - 132 mm	95 mm	2 - 6	2 - 3	20	22	15.5 kg
800	800 mm	700 mm	106 - 132 mm	95 mm	2 - 11	2 - 7	30	32	20.0 kg
1150	1150 mm	700 mm	106 - 132 mm	95 mm	2 - 18	2 - 12	44	46	24.0 kg

* D dimension is variable, e.g. plasterboard can be fitted between the cabinet itself and the frame.

