

Product Description: Surface-Mounted Distribution Cabinet

SURFACE-MOUNTED CABINET FOR STAINLESS STEEL HEATING CIRCUIT MANIFOLD

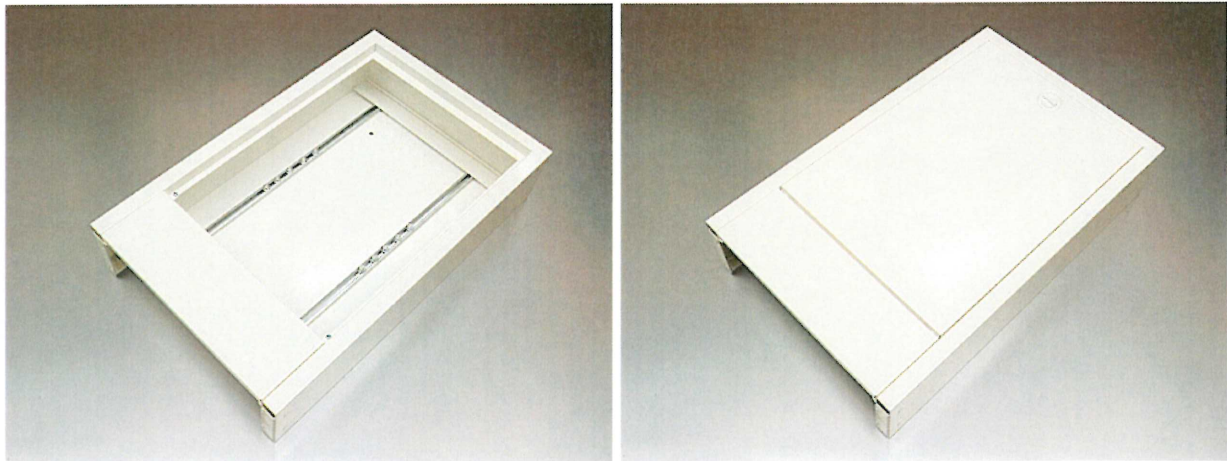


Fig. 1 Surface-mounted cabinet without door, RAL 9010

Fig. 2 Surface-mounted cabinet with door, RAL 9010

Powerful stainless steel manifolds require an appealing housing – the high-quality distribution cabinets for floor heating and radiant cooling systems as well as sanitary systems. They are available both as flush-mounted (UP) and surface-mounted (AP) versions and offer innovative features with top quality.

All cabinet variations are made of high-quality, hot-dip galvanized or electrogalvanized EN-DIN sheet steel. The standard color is RAL 9010. When it comes to painting, we attach particular importance to utilizing an environmentally friendly, electrostatic powder coating. It guarantees an outstanding tactile quality with a scratch-resistant, shock-proof and corrosion-resistant painted surface.

1. Application – Intended Use

Distribution cabinets are suited for accommodating stainless steel heating circuit manifolds and for installation on the wall (surface-mounted).

2. Design / Function

The surface-mounted type (AP) distribution cabinet consists of individual components that are carefully matched to one another:

- Surface-mounted frame including front panel RAL 9010
- C rails including mounting screws for accommodating wall brackets for the stainless steel heating circuit manifolds
- Cabinet bases adjustable in height of up to 70 mm
- Door, RAL 9010, including turn-lock fastener (plastic)

After factory assembly of all individual components of the distribution cabinet, the cabinet is subjected to a 100% completeness check or an RAL 9010 visual inspection.

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3. Storage and Transport

Distribution cabinets are to be stored in the original packaging until use in order to prevent damage (due to moisture, rain, snow, etc.).

4. General Specifications of Distribution Cabinets

Cabinet height 620 – 670 mm

Cabinet installation depth, surface-mounted type: 125 mm

Dimensions:



Surface-mounted type	0.5	1.0	1.5	2.0	2.5
Overall length F [mm]	495	580	730	880	1030
Overall length G [mm]	445	530	680	830	980

Materials

C rails, cabinet bases:

- Hot-dip galvanized sheet metal DX51D+ Z 275 MA-C according to DIN EN 10327/10143

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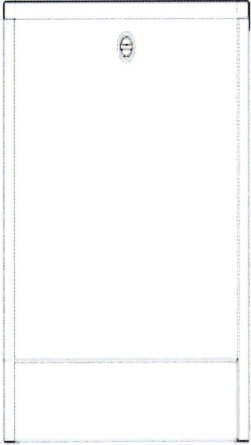


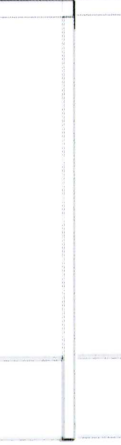
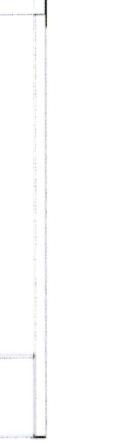
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Surface-mounted frame including front panel and door:

- Electrogalvanized sheet metal DO1+ ZE 25/25 A-PC according to DIN EN 10327/10143 and subsequent electrostatic powder coating in RAL 9010

5. Determining Cabinet Size for Stainless Steel Manifold of FBH-VLRL and FBH-S type

Comment: Stainless steel manifold including 1" ball valve, 90° elbow and 40mm spacing each of manifolds to inside of cabinet already taken into consideration. That means: **Manifold size = Number of heating circuits**

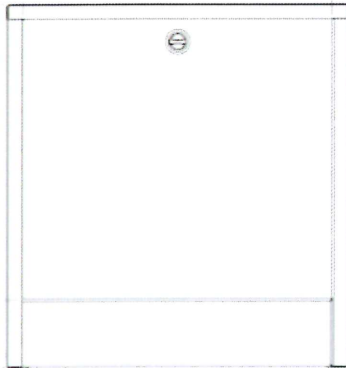
Number of heating circuits:	5	6	8	10	12
					
	Inner dimension 490	575	725	875	1025

Cabinet type

AP 0.5	Outer dimension 495
AP 1.0	Outer dimension 580
AP 1.5	Outer dimension 730
AP 2.0	Outer dimension 880
AP 2.5	Outer dimension 1030

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6. Included in delivery of distribution cabinet, surface-mounted type



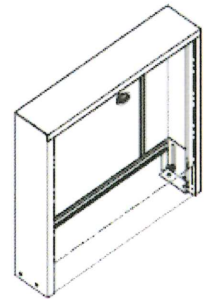
Included in delivery:

Cabinet height 620 – 690 mm

**Cabinet installation depth, surface-mounted type:
125 mm**

Distribution cabinet made of hot-dip galvanized and electrogalvanized sheet steel according to DIN EN 10327/10143, electrostatic powder coating in RAL 9010, completely preassembled with:

- 1 x surface-mounted frame including front panel and door (including turn-lock fastener) in RAL 9010
- 2 x C rails including mounting screws for accommodating wall brackets for the stainless steel heating circuit manifolds
- 2 x cabinet bases adjustable in height of up to 70 mm
- 1 x protective box



6. 1 Lengths and Weights:

Cabinet height 620 – 690 mm

Cabinet installation depth, surface-mounted type: 125 mm

Surface-mounted type	0.5	1.0	1.5	2.0	2.5
Overall length F [mm]	495	580	730	880	1030
Overall length G [mm]	445	530	680	830	980
Weight [kg]	10.0	11.5	13.3	15.3	16.7

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