
KAN-therm System
Cabinets installation manual

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SWN, SWNE and SWNU wall-mounted cabinets – **KAN-therm** System

SWN, SWNE and SWNJ wall-mounted cabinets

SWN and SWNE cabinets are designed for manifolds with Set-K and Set-P connecting sets, and heat consumption meters. Their sizes are given below.

The cabinets are varnished standard RAL 9016, have four holes in back plates and guides for rail spacing adjustment for manifold fixing.

Name	Code	Number of manifold circuits	Size [mm] (H×W×D)
SWN-4	1100S	4	630×350×110
SWN-6	1110S	6	630×450×110
SWN-8	1120S	8	630×550×110
SWN-10	1130S	10	630×650×110
SWN-13	1140S	13	630×800×110
SWNU-8/3	1200	8/3	630×580×140
SWNU-10/7	1210	10/7	630×780×140
SWNU-13/10	1220	13/10	630×930×140
SWNE-4	1100Z	4	585×350×110
SWNE-6	1110Z	6	585×450×110
SWNE-8	1120Z	8	585×550×110
SWNE-10	1130Z	10	585×650×110
SWNE-13	1140Z	13	585×800×110

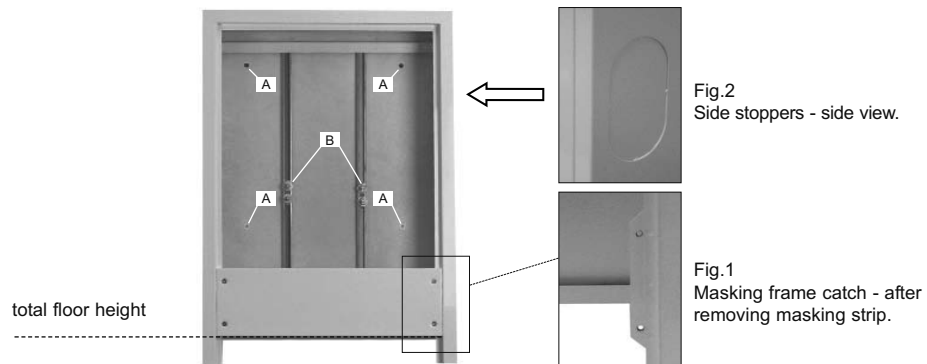


SWNU cabinets are designed for manifolds with Set-K and Set-P connecting sets, heat consumption meters, as well as 73 series manifolds with additional equipment, e.g. SH hydraulic clutch. Their sizes are given above.

The cabinets are varnished standard RAL 9016, have four holes in back plates and guides for rail spacing adjustment for manifold fixing.

SWN, SWNE and SWNU cabinets assembly

Establish cabinet location taking into consideration piping route and total floor height. The cabinet should be placed high enough, taking into account thermal insulation thickness, jointless floor thickness and floor covering thickness so the floor level is on the lower edge of masking strip (see floor level in Fig.1). Next, level the cabinet and fix it to the wall through holes in the back panel (detail A). Use appropriate fixing elements depending on wall structure. Attach complete **KAN-therm** System manifold to mounting rails on the back panel (detail B). Manifold position can be adjusted vertically on rails and horizontally on guides. Disassemble front masking strip for easier piping assembly (Fig.1). If the manifold is fed sideways, remove side stoppers (Fig.2).



SWPS and SWPSE in wall-mounting cabinets – **KAN-therm** System

SWPS and SWPSE in wall-mounting cabinets

The cabinets are designed for manifolds with Set-K and Set-P connecting sets, heat consumption meters, as well as 73 series manifold with additional equipment, e.g. SH hydraulic clutch. Their sizes are given below:

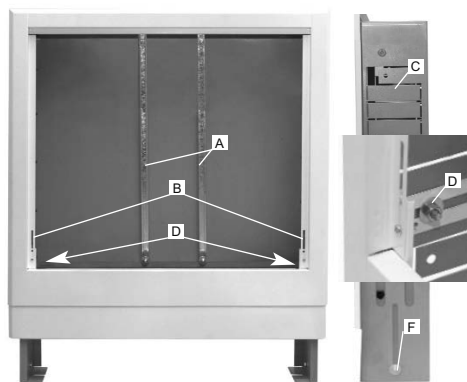
Name	Code	Number of manifold circuits	Size [mm] (H×W×D)
SWPS-4	1300S	4	680-780×350×110-165
SWPS-6	1310S	6	680-780×450×110-165
SWPS-8/3	1320S	8/3	680-780×580×110-165
SWPS-10/7	1330S	10/7	680-780×780×110-165
SWPS-13/10	1340S	13/10	680-780×930×110-165
SWPSE-4	1300Z	4	560-660×350×110-165
SWPSE-6	1310Z	6	560-660×450×110-165
SWPSE-8/3	1320Z	8/3	560-660×580×110-165
SWPSE-10/7	1330Z	10/7	560-660×780×110-165
SWPSE-13/10	1340Z	13/10	560-660×930×110-165



Cabinet height, thanks to side props, for SWPS is adjustable between 680-780 mm, and 560-660 mm for SWPSE. Moving front frame fixing enables adjustable cabinet depth between 110-165 mm. Slideable lower masking frame enables frame adjustment between 570-625 mm for SWPS and 525-560 mm for SWPSE. The cabinets are varnished standard RAL 9016 and have guides for rail spacing adjustment for manifold fixing. Side orifices in form of shutters facilitate side connection of manifolds.

SWPS and SWPSE cabinets installation

Establish cabinet location taking into consideration piping route and total floor height (floor pavement and floor covering thickness). Adjust cabinet props accordingly. Wall niche should be ready for the above given cabinet size. The cabinet should be placed inside the niche, leveled and fixed. Cabinet fixing can be done by using flexible strips in side panel with holes as well as by filling the gap between the cabinet and the wall with polyurethane foam. Foam excess should be removed after it has bound. For fixing flexible lugs use appropriate fixing elements depending on wall structure. Screw a complete **KAN-therm** manifold onto mounting rails fixed on the back panel of the cabinet (detail A). Manifold position can be adjusted vertically on rails and horizontally on guides. After finishing installation, floor pavement and walls, the front frame can be fixed. Thanks to moving masking frame all assembly errors can be compensated inside the frame so there is no gap between floor and lower frame edge.



Details:

- A - rails for fixing manifolds;
- B - frame height adjustment by means of moving masking frame between:
 - 570-625 mm for SWPS;
 - 525-560 mm for SWPSE;
- C - flexible lugs and side shutters. After removing them it is possible to side feed manifolds;
- D - frame fixing depth adjustment between 110-165 mm;
- F - cabinet height adjustment between:
 - 680-780 mm for SWPS;
 - 560-660 mm for SWPSE.

SWPG in wall-mounting cabinets for glazing – **KAN-therm** System**SWPG in wall-mounting cabinets that can be glazed**

The cabinets are designed for manifolds with Set-K and Set-P connecting sets, heat consumption meters, as well as 73 series manifolds with additional equipment, e.g. SH hydraulic clutch. The cabinets can be glazed. Their sizes are given below:

Name	Code	Number of manifold circuits	Size [mm] (H×W×D)
SWPG-4	1300G	4	450×350×110-165
SWPG-6	1310G	6	450×450×110-165
SWPG-8/3	1320G	8/3	450×580×110-165
SWPG-10/7	1330G	10/7	450×780×110-165
SWPG-13/10	1340G	13/10	450×930×110-165



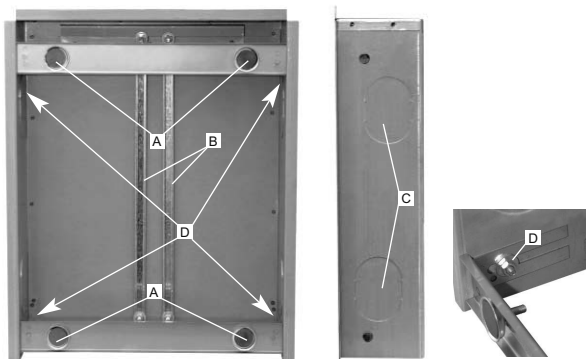
Depth is adjusted between 110-165 mm thanks to moving front frame. Cabinet door is fixed by magnets. The cabinets are equipped with guides and rails for fixing manifolds (detail B), and side panels for easy side connecting of manifolds (detail C).

SWPG cabinets assembly

Establish cabinet location taking into consideration piping route. While establishing cabinet assembly height take into account the necessity of connecting pipes to the cabinet from below and floor pavement and floor cover thickness. All pipes outside the cabinet outline will be hidden in the wall and floor. The cabinet should be placed inside the niche, leveled and fixed.

Cabinet fixing can be done by filling the gap between the cabinet and the wall with polyurethane foam. Foam excess should be removed after it has bound. Screw a complete **KAN-therm** manifold onto assembly rails fixed on the back panel of the cabinet (detail B). Manifold position can be adjusted vertically on rails and horizontally on guides.

After finishing installation, floor pavement and walls, two strips with magnets and door can be fixed. Do not forget to leave access to the manifold. To obtain that, glazing glued to the door should be equal or stick out for about 5 mm of its outline, and should be separated from the remaining part of glazing by flexible joints.

**Details:**

- A - door magnets;
- B - rails for fixing manifolds;
- C - side panels. After removing them it is possible to side feed manifolds;
- D - door adjustment between 110-165 mm.