

System **KAN-therm**

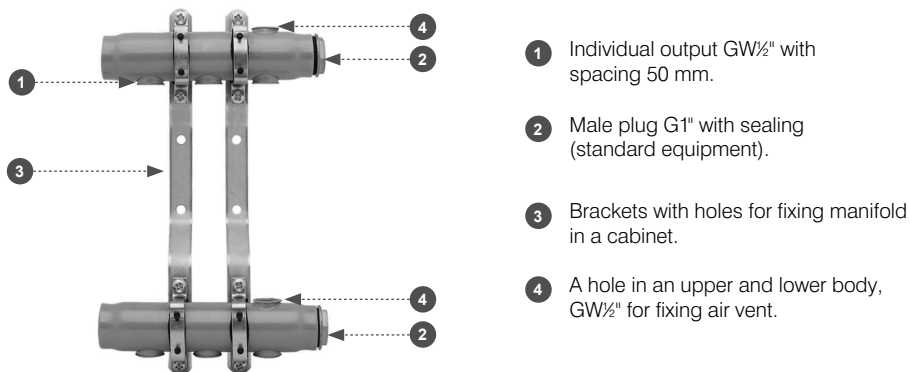
Operation manual for Manifolds, series 10, 20

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Manifold structure and application, series 10



- 1 Individual output GW $\frac{1}{2}$ " with spacing 50 mm.
- 2 Male plug G1" with sealing (standard equipment).
- 3 Brackets with holes for fixing manifold in a cabinet.
- 4 A hole in an upper and lower body, GW $\frac{1}{2}$ " for fixing air vent.

Fig. 1 Manifold structure, series 10

System **KAN-therm** manifold, series 10 is designed for use in closed pressurized heating systems. 10 series manifold beams are made of steel protected against outside corrosion by painting.

Code	Number of heating circuits	Dimensions (H×W×D)
S10020	2	325×136×90
S10030	3	325×186×90
S10040	4	325×236×90
S10050	5	325×286×90
S10060	6	325×336×90
S10070	7	325×386×90
S10080	8	325×436×90
S10090	9	325×486×90
S10100	10	325×536×90
S10110	11	325×586×90
S10120	12	325×636×90

Manifold supply and return should be connected using straight sets (K-600400) or angle sets (K-600500) standard equipped with their own seals, offered by **KAN**.

Having plugs (2, Fig. 1) removed from upper and lower body, the manifold can be equipped with accessories.

Each individual heating circuit should be connected with male threaded connectors (Push Fig. 2 or screw type for PE-RT and PE-Xc pipes Fig. 3 or Press Fig. 4).

This type of connections should be sealed using tow and paste or teflon tape.

Warning: Do not use excessive quantities of sealant.



Fig. 2
Push male connector



Fig. 3
Straight male screw
connector for PE-Xc,
PE-RT pipes



Fig. 4
Press male
connector

Heating circuits can be connected to a manifold using manifold nipple with O-Ring G $\frac{3}{4}$ " \times G $\frac{1}{2}$ " (use only nipple code P09) and eurocone adapter for PE-RT, PE-Xc pipes or eurocone adapters and connectors for multilayer PE-RT/Al/PE-HD, PE-RT/Al/PE-RT, PE-Xc/Al/PE-HD pipes. These types of connections are self-sealing connections (no additional sealing with tow or teflon tapes needed!).



Fig. 5
Manifold nipple with
O-Ring G $\frac{3}{4}$ " \times G $\frac{1}{2}$ "



Fig. 6
Eurocone adapter
for PE-Xc, PE-RT
pipes



Fig. 7
Eurocone adapter
for multilayer PE-RT/
Al/PE-HD, PE-RT/Al/
PE-RT pipes

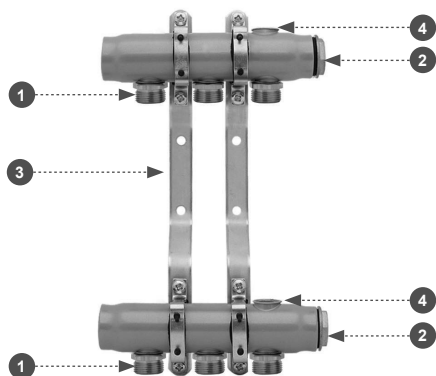


Fig. 8
Eurocone adapter
for multilayer
PE-Xc/Al/PE-HD
PLATINUM
pipes



Fig. 9
Connector for multilayer
PE-RT/Al/PE-HD,
PE-RT/Al/PE-RT pipes

Manifold structure and application, series 20



- 1 Manifold outputs for individual circuits with external thread G $\frac{3}{4}$ " (euroconus fitting).
- 2 Male plug G1" with sealing (standard equipment).
- 3 Brackets with holes for fixing manifold in a cabinet.
- 4 A hole in an upper and lower body, GW $\frac{1}{2}$ ", for fixing air vent.

Fig. 10 Manifold structure, series 20

System **KAN-therm** manifold, series 20 is designed for use in closed pressurized heating systems. 20 series manifold beams are made of steel protected against outside corrosion by painting.

Code	Number of heating circuits	Dimensions (H×W×D)
S20020	2	325×136×90
S20030	3	325×186×90
S20040	4	325×236×90
S20050	5	325×286×90
S20060	6	325×336×90
S20070	7	325×386×90
S20080	8	325×436×90
S20090	9	325×486×90
S20100	10	325×536×90
S20110	11	325×586×90
S20120	12	325×636×90

Manifold supply and return should be connected using straight sets (K-600400) or angle sets (K-600500) standard equipped with their own seals, offered by **KAN**.

Having plugs (2, Fig. 10) removed from upper and lower body, the manifold can be equipped with accessories.

Each individual circuit is connected to a manifold using screw connectors for PE-Xc, PE-RT pipes or screw connectors for PE-RT/Al/PE-HD, PE-RT/Al/PE-RT, PE-Xc/Al/PE-HD pipes. This type of connection is a self-sealing connection (no additional sealing with tow or teflon tapes needed!).



Fig. 11
Euroconus adapter
for PE-Xc, PE-RT
pipes



Fig. 12
Euroconus adapter
for multilayer PE-RT/
Al/PE-HD, PE-RT/Al/
PE-RT pipes



Fig. 13
Euroconus adapter
for multilayer
PE-Xc/Al/PE-HD
PLATINUM
pipes



Fig. 14
Connector for multilayer
PE-RT/Al/PE-HD,
PE-RT/Al/PE-RT pipes