



**KAN-therm**  
**MULTISYSTEM**

**> 35** | years of experience  
on the installation  
market



**KAN-therm**  
**Surface heating**  
**and cooling**

**COMFORT AND EFFICIENCY**

Install the **future**

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# Surface heating and cooling in KAN-therm system

## Wall/ceiling heating and cooling

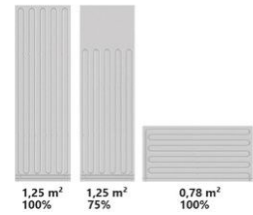
### Wall heating panel with PB 8×1 pipe

GROUP: A

Size [mm]	*	Code		UM
2000×625 (100%)	**	1800188004	1	pc.
2000×625 (75%)	**	1800188005	1	pc.
2000×310 (100%)	**	1800188001	1	pc.
2000×310 (75%)	**	1800188002	1	pc.
1000×625 (100%)	**	1800188000	1	pc.
625×1250 (100%)	**	1800188006	1	pc.

**Note:**

Percentage values indicate usable heating areas.



### Cover panel

GROUP: A

Size [mm]	*	Code		UM
2000×625	**	1800188007	1	pc.



### Grooved panel

GROUP: A

Size [mm]	*	Code		UM
2000×625	**	1800188003	1	pc.



### Polyurethane adhesive

GROUP: A

Capacity	*	Code		UM
310 ml		1800183002	1	pc.



### Pilot curve for pipe - 8×1

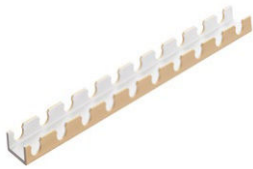
GROUP: A

Size [mm]	*	Code			UM
8×1		1800011000	100	3000	pc.



 coil  bar  pipes in tube  bag  carton box  pallet **N** new **i** available soon

\* custom-made - lead time max 4 weeks | \*\* availability as agreed | \*\*\* while stock lasts



### Mounting rail for pipe fastening 8×1

GROUP: A

Size [m]	*	Code		UM
2		1800209031	2	m



### PB pipe with EVOH layer - coil

GROUP: C

Size [mm]	*	Code			UM
8×1,0		1829197016	600	8400	m

**Note:**  
Application class (acc. to ISO 10508) 4; 10 bar.



### Brass tee Press/Click

GROUP: F

Size [mm]	*	Code			UM
16×8×16		1809257000	5	60	pc.



### Brass coupling Press/Click

GROUP: F

Size [mm]	*	Code			UM
16×8		1809042001	20	200	pc.



### Brass nickel-plated eurocone adapter Click

GROUP: F

Size [mm]	*	Code			UM
8×1 / G¾"		1809271000	15	150	pc.



### Straight brass coupling Click

GROUP: F

Size [mm]	*	Code			UM
8×1		1809042000	20	200	pc.

coil bar pipes in tube bag carton box pallet **N** new available soon

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## Floor/wall heating and cooling

### bluePERT pipe - coil

GROUP: C

Size [mm]	*	Code			UM
12×2,0	***	1829198152	80	1600	m
12×2,0		1829198153	200	4000	m
14×2,0		1829198182	600	3000	m
<b>N</b> 16×2,0		1829198206	60	3360	m
<b>N</b> 16×2,0		1829198207	120	2400	m
16×2,0		1829198222	200	3000	m
<b>N</b> 16×2,0		1829198208	240	3600	m
16×2,0		1829198235	300	2700	m
<b>N</b> 16×2,0		1829198209	480	3360	m
16×2,0		1829198223	600	2400	m
18×2,0		1829198225	200	3000	m
18×2,0		1829198226	600	2400	m
<b>N</b> 20×2,0		1829198210	60	2400	m
<b>N</b> 20×2,0		1829198211	120	1800	m
20×2,0		1829198227	200	1800	m
<b>N</b> 20×2,0		1829198212	240	2160	m
20×2,0		1829198228	300	2100	m
<b>N</b> 20×2,0		1829198213	480	1920	m
20×2,0		1829198229	600	1800	m
25×2,5	**	1829198181	220	880	m

**Note:**  
Application class 4; 6 bar.



### bluePERTAL pipe - coil

GROUP: C

Size [mm]	*	Code			UM
16×2,0		1829198200	200	3000	m
16×2,0		1829198201	600	2400	m

**Note:**  
Application class 4; 6 bar.



### PEXC pipe - coil

GROUP: C

Size [mm]	*	Code			UM
12×2,0		1129200055	200	4000	m
14×2,0		1129200056	200	4000	m
16×2,0		1829200009	200	3000	m

**Note:**  
Diameter 12×2,0 - 16×2,0 mm application class (acc. to ISO 10508) 4; 10 bar.



 coil  bar  pipes in tube  bag  carton box  pallet **N** new  available soon

\* custom-made - lead time max 4 weeks | \*\* availability as agreed | \*\*\* while stock lasts



## PERT pipe - coil

GROUP: C

Size [mm]	*	Code			UM
12×2,0		1129198094	200	4000	m
14×2,0		1129198076	200	4000	m
16×2,0		1029198001	200	3000	m
18×2,0		1129198096	200	3000	m
20×2,0		1029198000	200	1800	m
25×3,5		1129198070	50	1000	m

**Note:**  
Diameter 20×2.0 mm application class (acc. to ISO 10508) 4; 8 bar.  
Other diameters application class (acc. to ISO 10508) 4; 10 bar.



## PERTAL pipe - coil

GROUP: B

Size [mm]	*	Code			UM
16×2,0		1029196031	600	2400	m
16×2,0		1029196123	200	3000	m
20×2,0		1029196092	100	1500	m
25×2,5		1029196081	50	750	m

**Note:**  
Application class (acc. to ISO 10508) 4; 10 bar.



## Brass female eurocone adapter for PERT and PEXC pipes

GROUP: A

Size [mm]	*	Code			UM
12×2,0 G½"		1110271002	15	300	pc.
12×2,0 G¾"		1110271003	10	150	pc.
14×2,0 G½"		1110271000	15	300	pc.
14×2,0 G¾"		1110271005	10	150	pc.
16×2,0 G¾"		1110271010	10	150	pc.
18×2,0 G¾"		1110271006	10	150	pc.
18×2,5 G¾"	***	1110271008	10	150	pc.
20×2,0 G¾"		1110271011	10	150	pc.
25×3,5 G1"		1110271001	5	80	pc.

**Note:**  
The adapter makes it possible to connect PEXC and PERT pipes with manifolds (equipped with nipples), nipples and fittings for adapter connections.



## Compression ring



GROUP: A

Size [mm]	*	Code			UM
12		1110226001	100	1000	pc.
14		1110226002	10	500	pc.
16		1110226000	10	600	pc.
18		1110226004	10	500	pc.
20		1110226006	100	1000	pc.
25		1110226003	50	500	pc.

**Note:**  
Use for all brass threaded couplings (connectors, adapters) except for plastic threaded couplings.

## Brass female inlet connection for PERTAL pipes

GROUP: A

Size [mm]	*	Code			UM
16 G $\frac{1}{2}$ "		1010040003	10	160	pc.
16 G $\frac{3}{4}$ "		1010040006	10	120	pc.
20 G $\frac{3}{4}$ "		1010040011	10	120	pc.
20 G1"	***	1010040008	5	80	pc.
25 G1"		1010040013	10	80	pc.
26 G1"	***	1010040015	5	80	pc.

**Note:**

The above elements are available as nickel-plated on special request (delivery time - 2 weeks).



## PPSU female universal eurocone adapter

GROUP: A

Size [mm]	*	Code			UM
16 G $\frac{3}{4}$ "		1010271005	10	150	pc.

**Note:**

The adapter works with PEXC, PERT, PERTAL, bluePERT, bluePERTAL pipes.



## Brass female universal eurocone adapter

GROUP: A

Size [mm]	*	Code			UM
16 G $\frac{1}{2}$ "		1010271001	10	160	pc.
16 G $\frac{3}{4}$ "		1010271002	10	150	pc.
20 G $\frac{3}{4}$ "		1010271008	10	120	pc.

**Note:**

Adapters are compatible with fittings for adapter connections, manifolds through manifold nipples. The adapter works with KAN-therm pipes: PEXC, PERT, PERTAL, bluePERT, bluePERTAL.



## Threaded male brass connector for PERTAL pipes

GROUP: A

Size [mm]	*	Code			UM
16x2,0 G $\frac{1}{2}$ "		1010045000	10	150	pc.
16x2,0 G $\frac{3}{4}$ "		1010045001	10	150	pc.



**Note:**

This fitting is adapted for direct screwing into the manifold beam - sealing of the connection in the manifold is done by means of an O-Ring seal.



## Brass threaded connector for PEXC and PERT pipes

GROUP: A

Size [mm]	*	Code			UM
12x2,0		1110042003	10	120	pc.
14x2,0		1110042005	10	120	pc.
16x2,0		1110042006	10	150	pc.
18x2,0		1110042008	10	120	pc.
20x2,0	*	1110245000	10	120	pc.
25x3,5		1110042012	4	60	pc.

**Note:**

The coupling is used in repairs (pipes damaged by drilling etc.) and to connect long pipe sections.



 coil  bar  pipes in tube  bag  carton box  pallet **N** new **i** available soon

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### Brass coupling

GROUP: A

Size [mm]	*	Code			UM
12x2,0		1109042008	50	700	pc.



### PPSU coupling

GROUP: A

Size [mm]	*	Code			UM
14x2,0		1109042002	10	160	pc.
18x2,0		1109042004	10	160	pc.
25x3,5		1109042007	5	80	pc.



### Brass ring

GROUP: A

Size [mm]	*	Code			UM
12x2,0		1109226003	50	700	pc.
14x2,0		1109226004	50	700	pc.
18x2,0 / 18x2,5		1109226006	50	500	pc.
25x3,5		1109226009	20	200	pc.

**Note:**  
Used for PEXC or PERT pipes with the EVOH layer.  
When assembling Push connectors, use tools with appropriate inserts.  
Place the brass ring with the chamfered edge towards the fitting to be connected.



### PPSU coupling

GROUP: F

Size [mm]	*	Code			UM
16x2,0		1009042013	10	160	pc.
20x2,0		1009042015	10	150	pc.
25x2,5		1009042017	5	60	pc.

**Note:**  
Tools for assembling couplings are available in the system KAN-therm ultraPRESS section.



### Brass coupling

GROUP: F

Size [mm]	*	Code			UM
14x2,0	*	1009042024	10	160	pc.

**Note:**  
Tools for assembling couplings are available in the system KAN-therm ultraPRESS section.



## Tacker - pipe mounting system

### Foamed polystyrene board EPS100 038 (PS20) 5 m<sup>2</sup> sheet with metallized foil

GROUP: A1

Size	*	Code		UM
20 mm (1×5 m)	***	1818211034	1	pc.
30 mm (1×5 m)	***	1818211027	1	pc.



### Foamed polystyrene board EPS100 038 (PS20) 5 m<sup>2</sup> sheet with laminated foil

GROUP: A1

Size	*	Code		UM
30 mm (1×5 m)	***	1818211036	1	pc.
50 mm (1×5 m)		1818211647	5	m <sup>2</sup>



### Foamed polystyrene board EPS100 038 (PS20) 10 m<sup>2</sup> (cube) sheet with metallized foil

GROUP: A1

Size	*	Code		UM
 20 mm (1×10 m)		1818211639	10	m <sup>2</sup>
 30 mm (1×10 m)		1818211638	10	m <sup>2</sup>



### Foamed polystyrene board EPS100 038 (PS20) 10 m<sup>2</sup> (cube) sheet with polypropylene fabric

GROUP: A1

Size	*	Code		UM
 30 mm (1×10 m)		1818211640	10	m <sup>2</sup>



### Metallized foil for KAN-therm Tacker system

GROUP: A

Size	*	Code		UM
130 μm (50 × 1,03 m)		1800183000	50	m



### Adhesive tape with KAN-therm logo

GROUP: A

Size [m]	*	Code		UM
60		1800183013	1	pc.



### U42 clips for tacker assembly (50 pcs. block)

GROUP: A

Version	*	Code		UM
14-18 (42 mm) 1000 pc.		1800191001	1	pack.
14-18 (42 mm) 300 pc.		1800191010	1	pack.



 coil  bar  pipes in tube  bag  carton box  pallet  new  available soon

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### U42 clips for tacker assembly (30 pcs. block)

GROUP: A

Version	*	Code		UM
20 (42 mm) 300 pc.		1800191006	1	pack.



### U42 welded clips for tacker assembly (25 pcs. block)

GROUP: A

Version	*	Code			UM
<b>N</b> 14-18 (42 mm) 300 pc.		1800191031	1	30	pack.



### U42 clips for manual assembly

GROUP: A

Version	*	Code			UM
14-18 (42 mm) 100 pc.		1800191000	1	30	pack.
14-18 (42 mm) 200 pc.		1800191002	1	15	pack.



### U55 clips for tacker assembly (25 pcs. block)

GROUP: A

Version	*	Code		UM
14-18 (55 mm) 500 pc.		1800191021	1	pack.



### U55 welded clips for tacker assembly (25 pcs. block)

GROUP: A

Version	*	Code			UM
<b>N</b> 14-18 (55 mm) 300 pc.		1800191032	1	12	pack.

coil 
 bar 
 pipes in tube 
 bag 
 carton box 
 pallet 
 **N** new 
 available soon

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## Rail - pipe mounting system

### Mounting rail for pipes

GROUP: A

Pipe size [mm]	*	Code		UM
16		1800209027	2	m
18		1800209028	2	m
20		1800209011	2	m

**Note:**

Mounting rails make it possible to lay pipes with 5 cm spacing.

Rail dimensions [height x length]:

1800209027 - 25 mm x 2 m,

1800209028 - 25 mm x 2 m,

1800209011 - 25 mm x 2 m.



### Mounting rail for pipes

GROUP: A

Pipe size [mm]	*	Code		UM
12-17		1800209000	1	m
16-17		1800209001	1	m
14-22		1800209009	1	m
<b>N</b> 25		1800209026	1	m

**Note:**

Rails 1800209000 and 1800209009 make it possible to lay pipes with 10 cm spacing.

Rails 1800209001 and 1800209026 make it possible to lay pipes with 5 cm spacing.

Rails dimensions [height x length (number of connected sections x length of section)]:

1800209000 - 23 mm x 1 m (5 x 0,2 m),

1800209001 - 24 mm x 1 m (2 x 0,5 m),

1800209009 - 29 mm x 1 m (2 x 0,5 m),

1800209026 - 32 mm x 1 m (2 x 0,5 m).



### Mounting rail for pipes

GROUP: A

Pipe size [mm]	*	Code		UM
<b>N</b> 16-20		1800209032	2	m

**Note:**

Rail 1800209032 make it possible to lay pipes with 5 cm spacing.

Rails dimensions [height x length (number of connected sections x length of section)]:

1800209032 - 27,5 mm x 2 m (4 x 0,5 m).



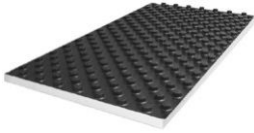
### U66 manual clip for fixing the RAIL strip to polystyrene foam (bag 200 pcs.)

GROUP: A

Size [mm]	*	Code			UM
<b>N</b> 66	*	1800191033	1	25	pack.



## Profil - pipe mounting system

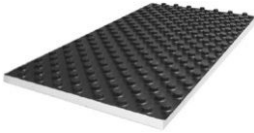


### Profil1 foamed polystyrene EPS T-24 dB (sound-absorbing) board with PS foil - 1,12 m<sup>2</sup> sheet

GROUP: A1

Pipe size [mm] / Board dimensions	*	Code		UM
16-18 / 30-2 mm (0,8 × 1,4 m)	*	1818211651	6,72	m <sup>2</sup>

Total thickness of the board with the profiled part is 51 mm.  
Dimension includes change in thickness caused by load.

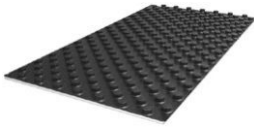


### Profil2 foamed polystyrene EPS200 036 (PS30) board 1,12 m<sup>2</sup> sheet

GROUP: A1

Pipe size [mm] / Board dimensions	*	Code		UM
16-18 / 11 mm (0,8 × 1,4 m)	*	1818211650	14,56	m <sup>2</sup>

Total thickness of the board with the profiled part is 32 mm.



### Profil3 profiled PS foil 1.12 m<sup>2</sup> sheet

GROUP: A1

Pipe size [mm] / Board dimensions	*	Code		UM
16-18 / 1 mm (0,8 × 1,4 m)	*	1818211652	13,44	m <sup>2</sup>

Total height of the foil with the profiled part is 20 mm.



### Profil4 foamed polystyrene EPS200 board 0.72 m<sup>2</sup> sheet

GROUP: A1

Pipe size [mm] / Board dimensions	*	Code		UM
16-18 / 22 mm (1,2 × 0,6 m)	*	1818211646	8,64	m <sup>2</sup>

Total thickness of the board with the profiled part is 43 mm.

## TBS - pipe mounting system

### TBS foamed polystyrene EPS150 036 (PS30) board 0.5 m<sup>2</sup> sheet **GROUP: A1**

Pipe size [mm] / Board dimensions	*	Code		UM
16 / 25 mm (0,5 × 1,0 m)		1818211645	10	m <sup>2</sup>



### TBS metal profile **GROUP: A**

Size	*	Code		UM
0,4 mm (1,0 × 0,12 m)		1800213000	50	pc.

**Note:**  
Profile is made of galvanised steel. The profile only works with 16 mm pipes.



### TBS foamed polystyrene EPS200 036 (PS30) board 0.5 m<sup>2</sup> sheet **GROUP: A1**

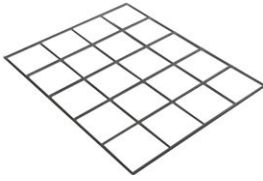
Size	*	Code		UM
25 mm (0,5 × 1,0 m)		1818211649	12	m <sup>2</sup>



 coil 
  bar 
  pipes in tube 
  bag 
  carton box 
  pallet 
  new 
  available soon

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## NET - pipe mounting system



### Steel wire NET

GROUP: A

Size	*	Code		UM
1,2 m × 2,1 m - 2,52 m <sup>2</sup>	*	1800183054	2,52	m <sup>2</sup>

**Note:**

The net is made of 3 mm thick steel wire. Mesh size - 150×150 mm.



### Grip for fastening pipes on NET

GROUP: A

Wire diameter / Pipe size [mm]	*	Code			UM
3 / 16-18		1800107001	100	1000	pc.
3 / 20	*	1800107002	100	1000	pc.



### Plastic band for fastening pipes on NET

GROUP: A

	*	Code		UM
	*	1800107018	1000	pc.



### Fastening band for connecting NET

GROUP: A

	*	Code		UM
	*	1800183008	1000	pc.



### Peg for foil fastening - L = 94 mm

GROUP: A

Size [mm]	*	Code			UM
8		1800183003	100	1000	pc.


coil 
 bar 
 pipes in tube 
 bag 
 carton box 
 pallet 
 new 
 available soon

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## Floor heating accessories

### Corrugated protecting pipe red

GROUP: A

Size (diametr overall) [mm]	*	Code		UM
12-14 (23)		1700049067	100	m
16-18 (25)		1700049063	50	m
20 (28)		1700049069	50	m
25-26 (35)		1700049065	50	m
32 (43)		1700049071	50	m
40 (50)		1700049073	25	m


**Note:**

Use in cold and hot potable water installations and central heating as a protecting pipe when pouring concrete over the installation.



### Corrugated protecting pipe blue

GROUP: A

Size (diametr overall) [mm]	*	Code		UM
12-14 (23)		1700049068	100	m
16-18 (25)		1700049064	50	m
20 (28)		1700049070	50	m
25-26 (35)		1700049066	50	m
32 (43)		1700049072	50	m
40 (50)		1700049074	25	m

**Note:**

Use in cold and hot potable water installations and central heating as a protecting pipe when pouring concrete over the installation.



### Concrete additive BETOKAN

GROUP: A

Capacity	*	Code		UM
5 l		1800014003	1	pack.
10 l		1800014001	1	pack.

**Note:**

Use for underfloor heating to improve the strength of concrete.



### Concrete additive BETOKAN Plus

GROUP: A

Capacity	*	Code		UM
10 l		1800014005	1	pack.

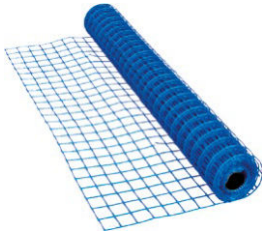
**Note:**

Use for underfloor heating to improve the strength of concrete. It makes it possible to reduce the thickness of the screed to 4.5 cm above insulation.



 coil  bar  pipes in tube  bag  carton box  pallet **N** new **i** available soon

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## Fiberglass mesh for floor reinforcement

GROUP: A

Size	*	Code		UM
1×50 m		1800183044	50	m <sup>2</sup>

**Note:**

The mesh used with BETOKAN or BETOKAN Plus increases the flexibility of the screed and provides an excellent protection against creating any possible cracks or offsets (keep the floor surface even). Meshes size 13×13 mm.



## Antifreeze agent for installation

GROUP: A

Version	*	Code		UM
-20 °C - 20 l	*	1800002002	1	pack.
-25 °C - 20 l	*	1800002003	1	pack.
-35 °C - 20 l	*	1800002004	1	pack.

**Note:**

Use for central heating, air-conditioning, cooling and solar installations.



## Edge tape with perforation

GROUP: A

Size [mm]	*	Code			UM
8×150		1818255002	25	150	m

**Note:**

Use to insulate underfloor heating plates from walls.



## Edge tape with perforation and foil

GROUP: A

Size [mm]	*	Code			UM
8×150		1818255003	25	150	m

**Note:**

Use to insulate underfloor heating plates from walls.



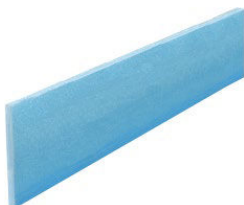
## Expansion joint profile with feet

GROUP: A

Size [mm]	*	Code			UM
10×150		1800255000	25	150	m

**Note:**

Use to make expansion joints for underfloor heating plates. The pipes going through the expansion joint should be laid in a corrugated pipe.



## Expansion joint - PE foam

GROUP: A

	*	Code			UM
		1800183007	2	200	m



## Expansion joint - rail

GROUP: A

	*	Code			UM
		1800209029	2	50	m



## Expansion joint - corrugated pipe

GROUP: A

Size [m]	*	Code			UM
0,4 - 10 pc.		1700183010	1	60	pack.



## PE foil

GROUP: A

Size	*	Code		UM
0,2 mm (2,0 × 50 m)		1818183000	100	m <sup>2</sup>



### Note:


Use as an installation cover before laying dry screed panels.  
Use as damp-proof insulation of a underfloor heating and cooling plate.  
Use as damp-proof insulation under the NET mesh.

## Manifolds and manifold accessories



### InoxFlow manifold with control valves (UVN series)

GROUP: E

Number of circuits (H×W×D) [mm]	*	Code		UM
2 (325×140×84)		1316160022	1	pc.
3 (325×190×84)		1316160023	1	pc.
4 (325×240×84)		1316160024	1	pc.
5 (325×290×84)		1316160025	1	pc.
6 (325×340×84)		1316160026	1	pc.
7 (325×390×84)		1316160027	1	pc.
8 (325×440×84)		1316160028	1	pc.
9 (325×490×84)		1316160029	1	pc.
10 (325×540×84)		1316160030	1	pc.
11 (325×590×84)		1316160031	1	pc.
12 (325×640×84)		1316160032	1	pc.

**Note:**

The manifold works with G $\frac{3}{4}$ " eurocone adapters and G $\frac{3}{4}$ " connectors.  
 Outlets for individual circuits have 50 mm spacing.  
 Manifold supply - upper beam.  
 Return from manifold - lower beam.  
 Beams have G1" female thread.

### MARKING OF MANIFOLD SERIES



| | | |  
**R or U    B,N,S,V or F    T, A or P**

**Radiator**  
manifolds for central heating and drinking water

**Underfloor heating**  
manifolds for underfloor heating

**equipment of top or bottom beams**

**Basic**  
no accessories

**Nipples**

**Servomotor valves**

**Valves**  
shut-off or balancing valves

**Flowmeters**

**additional accessories**


**Top**  
air-vent on top of the beam

**Axis**  
air-vent in the axis of the beam

**Pump**  
mixing unit

## InoxFlow manifold with flowmeters (UFN series)

**GROUP: E**

Number of circuits (H×W×D) [mm]	*	Code		UM
2 (352×140×84)		<b>1316157055</b>	1	pc.
3 (352×190×84)		<b>1316157056</b>	1	pc.
4 (352×240×84)		<b>1316157057</b>	1	pc.
5 (352×290×84)		<b>1316157058</b>	1	pc.
6 (352×340×84)		<b>1316157059</b>	1	pc.
7 (352×390×84)		<b>1316157060</b>	1	pc.
8 (352×440×84)		<b>1316157061</b>	1	pc.
9 (352×490×84)		<b>1316157062</b>	1	pc.
10 (352×540×84)		<b>1316157063</b>	1	pc.
11 (352×590×84)		<b>1316157064</b>	1	pc.
12 (352×640×84)		<b>1316157065</b>	1	pc.



**Note:**

The manifold works with G $\frac{3}{4}$ " eurocone adapters and G $\frac{3}{4}$ " connectors.  
 Outlets for individual circuits have 50 mm spacing.  
 Flowmeter adjustment range 0 - 2.5 l/min.  
 Manifold supply - upper beam.  
 Return from manifold - lower beam.  
 Beams have G1" female thread.

### MARKING OF MANIFOLD SERIES



R or U      B,N,S,V or F      T, A or P

**Radiator**  
manifolds for central heating and drinking water

**Underfloor heating**  
manifolds for underfloor heating

**equipment of top or bottom beams**

**Basic**  
no accessories

**Nipples**

**Servomotor valves**

**Valves**  
shut-off or balancing valves

**Flowmeters**

**additional accessories**

**Top**  
air-vent on top of the beam


**Axis**  
air-vent in the axis of the beam

**Pump**  
mixing unit



## InoxFlow manifold with servomotor valves and control valves (UVS series)

GROUP: E

Number of circuits (H×W×D) [mm]	*	Code		UM
2 (325×140×84)		1316160033	1	pc.
3 (325×190×84)		1316160034	1	pc.
4 (325×240×84)		1316160035	1	pc.
5 (325×290×84)		1316160036	1	pc.
6 (325×340×84)		1316160037	1	pc.
7 (325×390×84)		1316160038	1	pc.
8 (325×440×84)		1316160039	1	pc.
9 (325×490×84)		1316160040	1	pc.
10 (325×540×84)		1316160041	1	pc.
11 (325×590×84)		1316160042	1	pc.
12 (325×640×84)		1316160043	1	pc.

### Note:

The manifold works with G $\frac{3}{4}$ " eurocone adapters and G $\frac{3}{4}$ " connectors.  
 Outlets for individual circuits have 50 mm spacing.  
 Use servomotors with M30×1.5 adapter.  
 Manifold supply - upper beam.  
 Return from manifold - lower beam.  
 Beams have G1" female thread.

## MARKING OF MANIFOLD SERIES



R or U      B,N,S,V or F      T, A or P

**Radiator**  
manifolds for central heating and drinking water

**Underfloor heating**  
manifolds for underfloor heating

**equipment of top or bottom beams**

**Basic**  
no accessories

**Nipples**

**Servomotor valves**

**Valves**  
shut-off or balancing valves

**Flowmeters**

**additional accessories**


**Top**  
air-vent on top of the beam

**Axis**  
air-vent in the axis of the beam

**Pump**  
mixing unit

## InoxFlow manifold with servomotor valves and control valves (UVST series)

**GROUP: E**

Number of circuits (H×W×D) [mm]	*	Code		UM
2 (336×190×84)		1316157128	1	pc.
3 (336×240×84)		1316157129	1	pc.
4 (336×290×84)		1316157130	1	pc.
5 (336×340×84)		1316157131	1	pc.
6 (336×390×84)		1316157132	1	pc.
7 (336×440×84)		1316157133	1	pc.
8 (336×490×84)		1316157134	1	pc.
9 (336×540×84)		1316157135	1	pc.
10 (336×590×84)		1316157136	1	pc.
11 (336×640×84)		1316157137	1	pc.
12 (336×690×84)		1316157138	1	pc.



**Note:**

The manifold works with G $\frac{3}{4}$ " eurocone adapters and G $\frac{3}{4}$ " connectors.  
 Outlets for individual circuits have 50 mm spacing.  
 Use servomotors with M30×1.5 adapter.  
 Manifold supply - upper beam.  
 Return from manifold - lower beam.  
 Beams have G1" female thread.  
 The supply and return beam have G1" stop end mounted on one side.

### MARKING OF MANIFOLD SERIES



**R or U**    
 
**B,N,S,V or F**    
 
**T, A or P**

**Radiator**  
manifolds for central heating and drinking water

**Underfloor heating**  
manifolds for underfloor heating

**equipment of top or bottom beams**

**Basic**  
no accessories

**Nipples**

**Servomotor valves**

**Valves**  
shut-off or balancing valves

**Flowmeters**

**additional accessories**

**Top**  
air-vent on top of the beam


**Axis**  
air-vent in the axis of the beam

**Pump**  
mixing unit



## InoxFlow manifold with servomotor valves and flowmeters (UFS series)

GROUP: E

Number of circuits (H×W×D) [mm]	*	Code		UM
2 (352×140×84)		1316157066	1	pc.
3 (352×190×84)		1316157067	1	pc.
4 (352×240×84)		1316157068	1	pc.
5 (352×290×84)		1316157069	1	pc.
6 (352×340×84)		1316157070	1	pc.
7 (352×390×84)		1316157071	1	pc.
8 (352×440×84)		1316157072	1	pc.
9 (352×490×84)		1316157073	1	pc.
10 (352×540×84)		1316157074	1	pc.
11 (352×590×84)		1316157075	1	pc.
12 (352×640×84)		1316157076	1	pc.

### Note:

The manifold works with G $\frac{3}{4}$ " eurocone adapters and G $\frac{3}{4}$ " connectors.  
 Outlets for individual circuits have 50 mm spacing.  
 Flowmeter adjustment range 0 - 2.5 l/min.  
 Use servomotors with M30×1.5 adapter.  
 Manifold supply - upper beam.  
 Return from manifold - lower beam.  
 Beams have G1" female thread.

## MARKING OF MANIFOLD SERIES



R or U      B,N,S,V or F      T, A or P

**Radiator**  
manifolds for central heating and drinking water

**Underfloor heating**  
manifolds for underfloor heating

**equipment of top or bottom beams**

**Basic**  
no accessories

**Nipples**

**Servomotor valves**

**Valves**  
shut-off or balancing valves

**Flowmeters**

**additional accessories**


**Top**  
air-vent on top of the beam

**Axis**  
air-vent in the axis of the beam

**Pump**  
mixing unit

## InoxFlow manifold with servomotor valves and flowmeters (UFST series)

GROUP: E

Number of circuits (H×W×D) [mm]	*	Code		UM
2 (362×190×84)		1316157077	1	pc.
3 (362×240×84)		1316157078	1	pc.
4 (362×290×84)		1316157079	1	pc.
5 (362×340×84)		1316157080	1	pc.
6 (362×390×84)		1316157081	1	pc.
7 (362×440×84)		1316157082	1	pc.
8 (362×490×84)		1316157083	1	pc.
9 (362×540×84)		1316157084	1	pc.
10 (362×590×84)		1316157085	1	pc.
11 (362×640×84)		1316157086	1	pc.
12 (362×690×84)		1316157087	1	pc.



**Note:**

The manifold works with G $\frac{3}{4}$ " eurocone adapters and G $\frac{3}{4}$ " connectors.  
 Outlets for individual circuits have 50 mm spacing.  
 Flowmeter adjustment range 0 - 2.5 l/min.  
 Use servomotors with M30×1.5 adapter.  
 Manifold supply - upper beam.  
 Return from manifold - lower beam.  
 Beams have G1" female thread.  
 The supply and return beam have G1" stop end mounted on one side.

### MARKING OF MANIFOLD SERIES



| | | |  
**R or U    B,N,S,V or F    T, A or P**

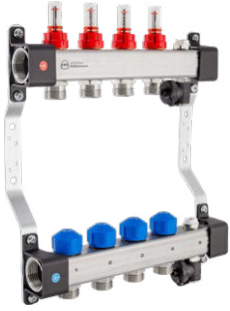
**Radiator**  
 manifolds for central heating and drinking water  
**Underfloor heating**  
 manifolds for underfloor heating

**equipment of top or bottom beams**

**Basic**  
 no accessories  
**Nipples**  
**Servomotor valves**  
**Valves**  
 shut-off or balancing valves  
**Flowmeters**

**additional accessories**

**Top**  
 air-vent on top of the beam  
**Axis**  
 air-vent in the axis of the beam  
**Pump**  
 mixing unit



## InnoFlow manifold with servomotor valves and flowmeters (UFST MAX series)

GROUP: E

Number of circuits (H×W×D) [mm]	*	Code		UM
2 (362×190×84)		1316157139	1	pc.
3 (362×240×84)		1316157140	1	pc.
4 (362×290×84)		1316157141	1	pc.
5 (362×340×84)		1316157142	1	pc.
6 (362×390×84)		1316157143	1	pc.
7 (362×440×84)		1316157144	1	pc.
8 (362×490×84)		1316157145	1	pc.
9 (362×540×84)		1316157146	1	pc.
10 (362×590×84)		1316157147	1	pc.
11 (362×640×84)		1316157148	1	pc.
12 (362×690×84)		1316157149	1	pc.

**Note:**

The manifold works with G $\frac{3}{4}$ " eurocone adapters and G $\frac{3}{4}$ " connectors.  
 Outlets for individual circuits have 50 mm spacing.  
 Flowmeter adjustment range 0 - 5.0 l/min.  
 Use servomotors with M30×1.5 adapter.  
 Manifold supply - upper beam.  
 Return from manifold - lower beam.  
 Beams have G1" female thread.  
 The supply and return beam have G1" stop end mounted on one side.

### MARKING OF MANIFOLD SERIES



R or U      B,N,S,V or F      T, A or P

**Radiator**  
manifolds for central heating and drinking water

**Underfloor heating**  
manifolds for underfloor heating

equipment of top or bottom beams

**Basic**  
no accessories

**Nipples**

**Servomotor valves**

**Valves**  
shut-off or balancing valves

**Flowmeters**

additional accessories

**Top**  
air-vent on top of the beam

**Axis**  
air-vent in the axis of the beam

**Pump**  
mixing unit



### Brass male/female reducer for manifold

GROUP: E

Size	*	Code		UM
G1" / G $\frac{1}{2}$ "		1300220002	10 120	pc.
G1" / G $\frac{3}{4}$ "		1300220003	10 120	pc.

**Note:**

The reducer has an O-Ring seal built-in.  
 When assembling in KAN-therm manifolds, additional sealing is not required.



### Nickel-plated male/female reducer for manifold

GROUP: E

Size	*	Code		UM
G1" / G $\frac{1}{2}$ "		1300220008	10 120	pc.
G1" / G $\frac{3}{4}$ "		1300220009	10 120	pc.

**Note:**

The reducer has an O-Ring seal built-in.  
 When assembling in KAN-therm manifolds, additional sealing is not required.  
 Do not use for potable water.



## Brass male stop end

GROUP: E

Size	*	Code			UM
G1"		130025002	10	150	pc.

**Note:**

The stop end has an O-Ring seal built-in.  
When assembling in KAN-therm manifolds, additional sealing is not required.



## Nickel-plated male stop end

GROUP: E

Size	*	Code			UM
G¾"		1300250021	20	300	pc.
G1"		130025005	10	120	pc.

**Note:**

The stop end has an O-Ring seal built-in.  
When assembling in KAN-therm manifolds, additional sealing is not required.  
Do not use for potable water.



## Straight valve set SET-P

GROUP: E

Size	*	Code			UM
G1"		1300183006	1	20	set

**Note:**

1" valve set with a union, working with KAN-therm InoxFlow and brass manifolds without additional sealing.  
Use when the manifold is supplied from the side.



## Angle valve set SET-K

GROUP: E

Size	*	Code			UM
G1"		1300183007	1	20	set

**Note:**

1" valve set with a union and elbows, working with KAN-therm manifolds without additional sealing.  
Use when the manifold is supplied from the floor.



## Brass manifold knob

GROUP: E

Size [mm]	*	Code			UM
M28×1,5		1300183001	20	200	pc.
M30×1,5		1300183002	20	200	pc.

**Note:**

Use the knob on thermostatic valves to shut off the flow through the heating loops:  
M28×1.5 - in the manifolds series 71, 75, 73A, 77A  
M30×1.5 - in the manifolds series 73A, 77A, on a thermostatic valve at the inlet to the mixing unit and on servomotor valves of InoxFlow manifolds.





### Nickel-plated manifold knob

GROUP: E

Size [mm]	*	Code			UM
M30×1,5		1300183051	20	200	pc.

**Note:**

Use the knob on thermostatic valves to shut off the flow through the heating loops:  
 M28×1.5 - in the manifolds series 71, 75, 73A, 77A  
 M30×1.5 - in the manifolds series 73A, 77A, on a thermostatic valve at the inlet to the mixing unit and on servomotor vales of InoXFlow manifolds.



### Brass extension element with flowmeter - L = 50 mm

GROUP: E

Size	*	Code			UM
G1"		1300079049	1	20	pc.

**Note:**

Use the element with 1" nipple to extend the manifold by one circuit.  
 Supply flowmeter adjustment range 0 - 2.5 l/min.



### Brass extension element with control valve - L = 50 mm

GROUP: E

Size	*	Code			UM
G1"		1300079002	1	20	pc.

**Note:**

Use the element with 1" nipple to extend the manifold by one circuit.



### Brass extension element with servomotor valve - L = 50 mm

GROUP: E

Size	*	Code			UM
G1"		1300079048	1	20	pc.

**Note:**

Use the element with 1" nipple to extend the manifold by one circuit.  
 Use adapters for M30×1.5 servomotors.



### Male nipple with gasket

GROUP: E

Size	*	Code			UM
G1"		1300174028	10	100	pc.

**Note:**

Use to connect manifolds with extension elements.

### Male nickel-plated nipple with gasket

GROUP: E

Size	*	Code			UM
G1"		1300174042	10	100	pc.

**Note:**

Do not use for potable water. Use to connect manifolds with extension elements.



### Tee with gasket

GROUP: E

Size	*	Code			UM
G1" / G½" / G½"		1300257001	5	70	pc.

**Note:**

Use the element in manifolds to extend a manifold by one circuit or add an air vent and drain valve.



### Nickel-plated tee with gasket

GROUP: E

Size	*	Code			UM
G1" / G½" / G½"		1300257003	5	70	pc.

**Note:**

Use the element in manifolds to extend a manifold by one circuit or add an air vent and drain valve. Do not use for potable water.



### Brass male stop end

GROUP: E

Size	*	Code			UM
G½"		1709250004	20	300	pc.

**Note:**

The stop end has its O-Ring seal. Use a hex12 Allen wrench for tightening.



### Nickel-plated male stop end

GROUP: E

Size	*	Code			UM
G½"		1300250020	20	300	pc.

**Note:**

The stop end has an O-Ring. Use a hex12 Allen wrench for tightening. Do not use for potable water.





### Tee with air vent and drain valve

GROUP: E

Size	*	Code			UM
G1"		1300257002	1	20	pc.



### Nickel-plated tee with air vent and drain valve

GROUP: E

Size	*	Code			UM
G1"		1300257004	10	80	pc.

**Note:**  
Do not use for potable water.



### Manual air vent

GROUP: E

Size	*	Code			UM
G½"		1300005007	1	100	pc.



### Plastic air vent and drain valve

GROUP: E

Size	*	Code			UM
G½"		1300005003	25	100	pc.



### Metal air vent and drain valve

GROUP: E

Size	*	Code			UM
G½"		1300277000	25	100	pc.

### Air vent with stop valve

GROUP: E

Size	*	Code			UM
G½"		1300005000	1	25	pc.

**Note:**  
The stop valve makes it possible to remove the air vent without the necessity to drain the installation.  
Use tow for sealing.



### Nickel-plated air vent with stop valve

GROUP: E

Size	*	Code			UM
G½"		1300005006	1	100	pc.

**Note:**  
The stop valve makes it possible to remove the air vent without the necessity to drain the installation.  
Use tow for sealing.



### Dial thermometer - red

GROUP: E

Version	*	Code		UM
100 °C	*	1300264001	1	pc.

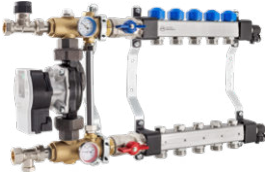


### Dial thermometer - blue

GROUP: E

Version	*	Code		UM
100 °C	*	1300264002	1	pc.





## InoxFlow manifold with mixing unit (USVP series)

GROUP: E

Size (H×W×D) [mm]	*	Code		UM
2 (329×478×105)		1316160044	1	pc.
3 (329×528×105)		1316160045	1	pc.
4 (329×578×105)		1316160046	1	pc.
5 (329×628×105)		1316160047	1	pc.
6 (329×678×105)		1316160048	1	pc.
7 (329×728×105)		1316160049	1	pc.
8 (329×778×105)		1316160050	1	pc.
9 (329×828×105)		1316160051	1	pc.
10 (329×878×105)		1316160052	1	pc.

**Note:**

Use adapters for M30×1.5 servomotors on the upper beam.

Use the manifold with an integrated mixing unit in the installations of the maximum heat load up to 15 kW\*.

\*Assuming the following parameters: loop diameter 16×2 mm, loop length up to 100 m, pipe spacing 15 cm, supply/return temperature 40/30°C.

Do not use with low-parameter heat sources.

### MARKING OF MANIFOLD SERIES



R or U      B,N,S,V or F      T, A or P

**equipment of top or bottom beams**

**Basic**  
no accessories

**Nipples**

**Servomotor valves**

**Valves**  
shut-off or balancing valves

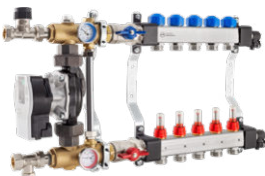
**Flowmeters**

**additional accessories**

**Top**  
air-vent on top of the beam

**Axis**  
air-vent in the axis of the beam

**Pump**  
mixing unit



## InoxFlow manifold with mixing unit (USFP series)

GROUP: E

Size (H×W×D) [mm]	*	Code		UM
2 (329×478×105)		1316157088	1	pc.
3 (329×528×105)		1316157089	1	pc.
4 (329×578×105)		1316157090	1	pc.
5 (329×628×105)		1316157091	1	pc.
6 (329×678×105)		1316157092	1	pc.
7 (329×728×105)		1316157093	1	pc.
8 (329×778×105)		1316157094	1	pc.
9 (329×828×105)		1316157095	1	pc.
10 (329×878×105)		1316157096	1	pc.

**Note:**

Use adapters for M30×1.5 servomotors on the upper beam.

### MARKING OF MANIFOLD SERIES



R or U      B,N,S,V or F      T, A or P

**equipment of top or bottom beams**

**Basic**  
no accessories

**Nipples**

**Servomotor valves**

**Valves**  
shut-off or balancing valves

**Flowmeters**

**additional accessories**

**Top**  
air-vent on top of the beam

**Axis**  
air-vent in the axis of the beam

**Pump**  
mixing unit

## Electronic pump group

GROUP: E

	*	Code		UM
		1346103000	1	pc.

**Note:**

Use the manifold with an integrated mixing unit in the installations of the maximum heat load up to 15 kW\*.

\*Assuming the following parameters:

- loop diameter 16x2 mm,
- loop length up to 100 m,
- pipe spacing 15 cm,
- supply/return temperature 40/30°C.

Do not use with low-parameter heat sources.



## Pump group with three-way thermostatic mixing valve - Kvs = 1.6

GROUP: E

Version	*	Code		UM
35-60 °C		1300103001	1	pc.
20-43 °C		1300103003	1	pc.

**Note:**

Use the manifold with an integrated mixing unit in the installations of the maximum heat load up to 7.5 kW\*.

\*Assuming the following parameters:

- loop diameter 16x2 mm,
- loop length up to 100 m,
- pipe spacing 15 cm,
- supply/return temperature 40/30°C.



## Pump group with three-way thermostatic mixing valve - Kvs = 2.5

GROUP: E

Version	*	Code		UM
20-43 °C		1346103005	1	pc.

**Note:**

Use the manifold with an integrated mixing unit in the installations of the maximum heat load up to 15 kW\*.


\*Assuming the following parameters:

- loop diameter 16x2 mm,
- loop length up to 100 m,
- pipe spacing 15 cm,
- supply/return temperature 40/30°C.



## Brass manifold with servomotor valves and flowmeters (75A series)

GROUP: E

Number of circuits (HxWxD) [mm]	*	Code		UM
2(330x100x80)		1346157011	1	pc.
3(330x150x80)		1346157012	1	pc.
4(330x200x80)		1346157013	1	pc.
5(330x250x80)		1346157014	1	pc.
6(330x300x80)		1346157015	1	pc.
7(330x350x80)		1346157016	1	pc.
8(330x400x80)		1346157017	1	pc.
9(330x450x80)		1346157018	1	pc.
10(330x500x80)		1346157019	1	pc.
11(330x550x80)		1346157020	1	pc.
12(330x600x80)		1346157021	1	pc.

**Note:**

The manifold works with G $\frac{3}{4}$ " eurocone adapters and G $\frac{3}{4}$ " connectors.

Outlets for individual circuits have 50 mm spacing.

Adjustment range of flow meters 0 - 2.4 l/min. Use servomotor with M28x1.5 adapter.

Manifold supply - upper beam.

Return from manifold - lower beam.

Beams have G1" female thread.

The supply and return beam has a G1" cap installed on one side.





### Plastic manifold 1 1/2" x 3/4"

GROUP: E

	Number of circuits	*	Code		UM
N	2	**	1328155000	1	pc.
N	3	**	1328155001	1	pc.
N	4	**	1328155002	1	pc.
N	5	**	1328155003	1	pc.
N	6	**	1328155004	1	pc.
N	7	**	1328155005	1	pc.
N	8	**	1328155006	1	pc.
N	9	**	1328155007	1	pc.
N	10	**	1328155008	1	pc.
N	11	**	1328155009	1	pc.
N	12	**	1328155010	1	pc.
N	13	**	1328155011	1	pc.
N	14	**	1328155012	1	pc.
N	15	**	1328155013	1	pc.
N	16	**	1328155014	1	pc.

**Note:**  
The manifold is equipped with a 4-20 l/min flowmeter.



### Plastic manifold basic set 1 1/2" x 3/4"

GROUP: E

		*	Code		UM
N		**	1300079050	1	pc.

Each set includes:  
 ■ plastic end - 2 pcs.,  
 ■ 1 1/2" M Brass Head/1 1/2" M - 2 pcs.,  
 ■ head module with air vent and thermometer - 2 pcs.,  
 ■ bracket - 2 pcs.



### Plastic manifold return module 1 1/2" x 3/4"

GROUP: E

		*	Code		UM
N		**	1300079052	1	pc.



### Plastic manifold thermostatic return module 1 1/2" x 3/4"

GROUP: E

		*	Code		UM
N		**	1300079053	1	pc.

**Note:**  
Use an adapter for the M30x1.5 servomotor.



### Plastic manifold supply module 1½" × ¾" with flowmeter


GROUP: E

Range [l/min]	*	Code		UM
<b>N</b> 4-20	**	1300079051	1	pc.



### Plastic manifold 1½" × 1"

GROUP: E

Number of circuits	*	Code		UM
<b>N</b> 2	**	1328155015	1	pc.
<b>N</b> 3	**	1328155016	1	pc.
<b>N</b> 4	**	1328155017	1	pc.
<b>N</b> 5	**	1328155018	1	pc.
<b>N</b> 6	**	1328155019	1	pc.
<b>N</b> 7	**	1328155020	1	pc.
<b>N</b> 8	**	1328155021	1	pc.
<b>N</b> 9	**	1328155022	1	pc.
<b>N</b> 10	**	1328155023	1	pc.
<b>N</b> 11	**	1328155024	1	pc.
<b>N</b> 12	**	1328155025	1	pc.
<b>N</b> 13	**	1328155026	1	pc.
<b>N</b> 14	**	1328155027	1	pc.
<b>N</b> 15	**	1328155028	1	pc.
<b>N</b> 16	**	1328155029	1	pc.



**Note:**

The manifold is equipped with a 4-20 l/min flowmeter.

### Plastic manifold basic set 1½" × 1"

GROUP: E

	*	Code		UM
<b>N</b>	**	1300079054	1	pc.

Each set includes:

- plastic end - 2 pcs.,
- 1 ½" M Brass Head/1 ½" M - 2 pcs.,
- head module with air vent and thermometer - 2 pcs.,
- bracket - 4 pcs.,
- nuts - 8 pcs.



### Plastic manifold supply module 1½" × 1" with flowmeter

GROUP: E

Range [l/min]	*	Code		UM
<b>N</b> 7-32	**	1300079055	1	pc.
<b>N</b> 4-20	**	1300079056	1	pc.





### Plastic manifold return module 1 1/2" x 1"

GROUP: E

	*	Code		UM
N	**	1300079057	1	pc.



### Plastic manifold thermostatic return module 1 1/2" x 1"

GROUP: E

	*	Code		UM
N	**	1300079058	1	pc.

**Note:**  
Use an adapter for the M30x1.5 servomotor.



### Straight thermostatic valve - M30x1,5

GROUP: A

Size	*	Code		UM
Rp1/2"		1700277001	1	pc.

**Note:**  
Used as a service element for manifolds series 73E and 77E, as well as KAN-therm pump groups.  
By using M30x1.5 adapter, electric servomotor and room thermostat, it can be used to adjust temperature for a whole area.



### Straight return valve with pre-set

GROUP: A

Size	*	Code		UM
Rp1/2"		1700277000	1	pc.

**Note:**  
Used as a service element for manifolds series 73E and 77E, as well as KAN-therm pump groups.  
It enables hydraulic regulation of surface heating installations - setting supply temperature of heating loops.



### Thermostatic head with pad

GROUP: A

Size [mm]	*	Code		UM
M30x1,5		1802108006	1	pc.

**Note:**  
The element is intended for manifolds series 73E and 77E, as well as KAN-therm pump groups - it works as a protection against exceeding a temperature in a surface heating installation.



### Thermostatic head with pad for InoxFlow manifolds

GROUP: A



Size [mm]	*	Code		UM
M30x1,5		1802108008	1	pc.

**Note:**  
The element is intended for manifolds series USVP and USFP, as well as KAN-therm pump groups - it works as a protection against exceeding a temperature in a surface heating installation.

## Floor heating cabinets

### Recess mounted cabinet Slim+

GROUP: D

Size (H×W×D) [mm]	*	Code			UM
<b>N</b> 750-850×450×110-160		<b>1414183018</b>	1	33	pc.
<b>N</b> 750-850×550×110-160		<b>1414183019</b>	1	27	pc.
<b>N</b> 750-850×700×110-160		<b>1414183020</b>	1	21	pc.
<b>N</b> 750-850×850×110-160		<b>1414183021</b>	1	15	pc.
<b>N</b> 750-850×1000×110-160		<b>1414183022</b>	1	14	pc.
<b>N</b> 750-850×1200×110-160		<b>1414183023</b>	1	12	pc.



**STD** - a manifold without additional fixtures, with 1" stop end on one side.

**KPL** - a manifold with SET-K connection valves and a tee with an air vent and a drain valve in a beam.

**+GP H** - a manifold with an integrated set-point mixing unit.

**KPL +GP 3D** - a manifold with a vent and drain valve in a beam, as well as connected mixing pump group with a three-way thermostatic valve.

**OPT** - a manifold with a built-in vent and drain group, as well as SET-K connection valves.

**OPT +GP 3D** - a manifold with a built-in vent and drain group, as well as connected mixing pump group with a three-way thermostatic valve.

The drain and vent group should be taken as additional outlet.

Code	Type	Brass manifold (Max. number of circuits)				InoxFlow manifold (Max. number of circuits)					
		STD	KPL	+GP H	KPL +GP 3D	STD	KPL	OPT	+GP H	KPL +GP 3D	OPT +GP 3D
1414183018	Slim+ 450	7	3	-	2	7	2	4	-	-	-
1414183019	Slim+ 550	9	5	2	4	9	4	6	-	3	2
1414183020	Slim+ 700	12	8	5	7	12	7	9	4	6	5
1414183021	Slim+ 850	12	11	8	10	12	10	12	7	9	8
1414183022	Slim+ 1000	12	12	11	12	12	12	12	10	12	11
1414183023	Slim+ 1200	12	12	12	12	12	12	12	12	12	12

### Surface mounted cabinet SWN-OP

GROUP: D

Size (H×W×D) [mm]	*	Code			UM
710×580×140		<b>1446180000</b>	1	20	pc.
710×780×140		<b>1446180001</b>	1	14	pc.
710×930×140		<b>1446180002</b>	1	11	pc.



**Note:**

In the "Size" field, there is given:

- the external dimension of the cabinet body.

**STD** - a manifold without additional fixtures, with 1" stop end on one side.

**KPL** - a manifold with SET-K connection valves and a tee with an air vent and a drain valve in a beam.

**+GP H** - a manifold with an integrated set-point mixing unit.

**KPL +GP 3D** - a manifold with a vent and drain valve in a beam, as well as connected mixing pump group with a three-way thermostatic valve.

**OPT** - a manifold with a built-in vent and drain group, as well as SET-K connection valves.

**OPT +GP 3D** - a manifold with a built-in vent and drain group, as well as connected mixing pump group with a three-way thermostatic valve.

The drain and vent group should be taken as additional outlet.

Code	Type	Brass manifold (Max. number of circuits)				InoxFlow manifold (Max. number of circuits)					
		STD	KPL	+GP H	KPL +GP 3D	STD	KPL	OPT	+GP H	KPL +GP 3D	OPT +GP 3D
1446180000	SWN-OP 580	10	6	2	4	9	5	6	-	4	3
1446180001	SWN-OP 780	12	10	6	8	12	9	10	5	8	7
1446180002	SWN-OP 930	12	12	9	11	12	12	12	8	11	10


 coil  bar  pipes in tube  bag  carton box  pallet **N** new  available soon

\* custom-made - lead time max 4 weeks | \*\* availability as agreed | \*\*\* while stock lasts



## Recess mounted cabinet SWP-OP

**GROUP: D**

Size (H×W×D) [mm]	*	Code			UM
750-850×580×110-160		<b>1446117003</b>	1	20	pc.
750-850×780×110-160		<b>1446117004</b>	1	17	pc.
750-850×930×110-160		<b>1446117005</b>	1	14	pc.

**Note:**

In the "Size" field, there is given:

- the external dimension of the cabinet body (the minimum dimension of the mounting cavity).

**STD** - a manifold without additional fixtures, with 1" stop end on one side.

**KPL** - a manifold with SET-K connection valves and a tee with an air vent and a drain valve in a beam.

**+GP H** - a manifold with an integrated set-point mixing unit.

**KPL +GP 3D** - a manifold with a vent and drain valve in a beam, as well as connected mixing pump group with a three-way thermostatic valve.

**OPT** - a manifold with a built-in vent and drain group, as well as SET-K connection valves.

**OPT +GP 3D** - a manifold with a built-in vent and drain group, as well as connected mixing pump group with a three-way thermostatic valve.

The drain and vent group should be taken as additional outlet.

Code	Type	Brass manifold (Max. number of circuits)				InoxFlow manifold (Max. number of circuits)					
		STD	KPL	+GP H	KPL+GP 3D	STD	KPL	OPT	+GP H	KPL+GP 3D	OPT+GP 3D
1446117003	SWP-OP 580	10	6	2	4	9	5	6	-	4	3
1446117004	SWP-OP 780	12	10	6	8	12	9	10	5	8	7
1446117005	SWP-OP 930	12	12	9	11	12	12	12	8	11	10

 coil 
  bar 
  pipes in tube 
  bag 
  carton box 
  pallet 
  new 
  available soon

\* custom-made - lead time max 4 weeks | \*\* availability as agreed | \*\*\* while stock lasts

## Basic+ - automation components

### Temperature sensor Basic+ with concealed setting (heating)

GROUP: A

Voltage	*	Code		UM
230 V		1802265131	1	pc.
24 V		1802265132	1	pc.

**Note:**

The temperature sensor requires a 3-wire installation.



### Analogue thermostat Basic+ (heating)

GROUP: A

Voltage	*	Code		UM
230 V		1802265024	1	pc.
24 V		1802265025	1	pc.

**Note:**

The thermostat works with servomotors of the following codes: 1802003004 and 1802003006 through the terminal blocks with the following codes: 1802212013, 1802212014, 1802212015, 1802212016. Required at least 3-wire installation.



### Analogue thermostat Basic+ (heating/cooling)

GROUP: A

Voltage	*	Code		UM
230 V		1802265032	1	pc.
24 V		1802265033	1	pc.

**Note:**

The thermostat works with servomotors of the following codes: 1802003004 and 1802003006 through the terminal blocks with the following codes: 1802212013, 1802212014, 1802212015, 1802212016. Required at least 3-wire (heating) or 4-wire (cooling) installation.



### Thermostat Basic+ with LCD Standard (heating)

GROUP: A

Voltage	*	Code		UM
230 V		1802265020	1	pc.
24 V		1802265021	1	pc.

**Note:**

The thermostat works with servomotors of the following codes: 1802003004 and 1802003006 through the terminal blocks with the following codes: 1802212013, 1802212014, 1802212015, 1802212016. Required at least 3-wire installation.



### Thermostat Basic+ with LCD Control (heating/cooling)

GROUP: A

Voltage	*	Code		UM
230 V		1802012004	1	pc.
24 V		1802012005	1	pc.

**Note:**

The thermostat works with servomotors of the following codes: 1802003004 and 1802003006 through the terminal blocks with the following codes: 1802212013, 1802212014, 1802212015, 1802212016. Required at least 3-wire (heating) or 4-wire (cooling) installation.



 coil  bar  pipes in tube  bag  carton box  pallet **N** new  available soon

\* custom-made - lead time max 4 weeks | \*\* availability as agreed | \*\*\* while stock lasts



### Sensor for thermostat LCD Control Basic+ with cable

GROUP: A

	*	Code		UM
		1802012006	1	pc.



### Bimetallic room thermostat

GROUP: A

Voltage	*	Code		UM
230 V		1802265022	1	25 pc.
230 V / 24 V		1802265023	1	25 pc.

**Note:**

The thermostat works with servomotors of the following codes: 1802003004 and 1802003006 through the terminal blocks with the following codes: 1802212015, 1802212016, 1802212013 and 1802212014.

Thermostat 1802265022 - 3-wire.

Thermostat 1802265023 - 2-wire.



### Weekly programmable room thermostat

GROUP: A

	*	Code		UM
	***	1802265128	1	pc.

**Note:**

The controller has battery power supply. Required at least 2-wire installation.



### Week controller with floor temperature sensor

GROUP: A

	*	Code		UM
		1802265038	1	20 pc.

**Note:**

Flush installation. Required at least 3-wire installation.



### Floor sensor for weekly thermostat.

GROUP: A

	*	Code		UM
		1802012002	1	pc.



### Terminal block Basic+ (heating/cooling) - 6 zones

GROUP: A

Voltage	*	Code		UM
230 V		1802212015	1	pc.
24 V		1802212016	1	pc.

coil bar pipes in tube bag carton box pallet **N** new available soon

\* custom-made - lead time max 4 weeks | \*\* availability as agreed | \*\*\* while stock lasts

### Terminal block Basic+ (heating/cooling) - 10 zones

GROUP: A

Voltage	*	Code		UM
230 V		1802212013	1	pc.
24 V		1802212014	1	pc.



### Power adapter for Basic+ terminal block

GROUP: A

Voltage	*	Code		UM
230 V / 24 V		1802265040	1	pc.



### Servomotor 230 V

GROUP: A

Version	*	Code		UM
NC	***	1802003004	1	pc.
NO	***	1802003003	1	pc.

**Note:**  
No adapter included.  
NC (normally closed) - de-energised closed.  
NO (normally open) - de-energised open.



### Servomotor 230 V with M30×1.5 adapter

GROUP: A

Version	*	Code		UM
NC	***	1802212036	1	pc.

**Note:**  
The servomotor has M30×1.5 adapter.  
NC (normally closed) - de-energised closed



### Servomotor 24 V

GROUP: A

Version	*	Code		UM
NC	***	1802003006	1	pc.
NO	***	1802003005	1	pc.

**Note:**  
No adapter included.  
NC (normally closed) - de-energised closed.  
NO (normally open) - de-energised open.





### Servomotor 24 V with M30×1.5 adapter

**GROUP: A**

Version	*	Code		UM
NC	***	1327098159	1	pc.

**Note:**  
The servomotor has M30×1,5 adapter.  
NC (normally closed) - de-energised closed



### Servomotor adapter

**GROUP: A**

Version	*	Code			UM
M30×1,5	***	1802003001	20	300	pc.

**Note:**  
M30×1.5 adapter can be used on servomotor valves in InoxFlow manifolds and thermostatic valves in pump groups 1346103000.  
The adapter works with SMART servomotors of the following codes: 1802003004, 1802003003, 1802003006, 1802003005.



## Smart - automation components

### Thermostat Smart with LCD, without floor temperature sensor **GROUP: A**

Version	*	Code		UM
2 x LR03/AAA	***	1802265019	1	pc.

**Note:**

Thermostat cannot operate with floor temperature sensor.



### Thermostat Smart with LCD, with floor temperature sensor **GROUP: A**

Version	*	Code		UM
2 x LR03/AAA	***	1802265039	1	pc.



### Terminal block Smart 230 V with LAN **GROUP: A**

Version	*	Code		UM
4/6	***	1802265008	1	pc.
8/12	***	1802265009	1	pc.
12/18	***	1802265007	1	pc.

**Note:**

4/6 - up to 4 thermostats and 6 servomotors.  
8/12 - up to 8 thermostats and 12 servomotors.  
12/18 - up to 12 thermostats and 18 servomotors.



### Terminal block Smart 24 V with LAN and transformer **GROUP: A**

Version	*	Code		UM
4/6	***	1802265011	1	pc.
8/12	***	1802265012	1	pc.
12/18	***	1802265010	1	pc.

**Note:**

4/6 - up to 4 thermostats and 6 servomotors.  
8/12 - up to 8 thermostats and 12 servomotors.  
12/18 - up to 12 thermostats and 18 servomotors.



 coil  bar  pipes in tube  bag  carton box  pallet **N** new  available soon

\* custom-made - lead time max 4 weeks | \*\* availability as agreed | \*\*\* while stock lasts



### Servomotor 230 V

GROUP: A

Version	*	Code		UM
NC	***	1802003004	1	pc.
NO	***	1802003003	1	pc.

**Note:**  
 No adapter included.  
 NC (normally closed) - de-energised closed.  
 NO (normally open) - de-energised open.



### Servomotor 230 V with M30×1.5 adapter

GROUP: A

Version	*	Code		UM
NC	***	1802212036	1	pc.

**Note:**  
 The servomotor has M30×1.5 adapter.  
 NC (normally closed) - de-energised closed



### Servomotor 24 V

GROUP: A

Version	*	Code		UM
NC	***	1802003006	1	pc.
NO	***	1802003005	1	pc.

**Note:**  
 No adapter included.  
 NC (normally closed) - de-energised closed.  
 NO (normally open) - de-energised open.



### Servomotor 24 V with M30×1.5 adapter

GROUP: A

Version	*	Code		UM
NC	***	1327098159	1	pc.

**Note:**  
 The servomotor has M30×1,5 adapter.  
 NC (normally closed) - de-energised closed



### Servomotor adapter

GROUP: A

Version	*	Code			UM
M30×1,5	***	1802003001	20	300	pc.

**Note:**  
 M30×1.5 adapter can be used on servomotor valves in InoxFlow manifolds and thermostatic valves in pump groups 1346103000.  
 The adapter works with SMART servomotors of the following codes: 1802003004, 1802003003, 1802003006, 1802003005.

## External antenna Smart

GROUP: A

*	Code		UM
***	1802010000	1	pc.

**Note:**  
5 m connection cable is included.



## Signal repeater Smart

GROUP: A

*	Code		UM
***	1802010002	1	pc.

**Note:**  
Includes 230 V power supply.



 coil  bar  pipes in tube  bag  carton box  pallet **N** new  available soon

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## Controllers, additional accessories and tools



### Smart servomotor adapter

GROUP: A

Version	*	Code						UM
M28×1,5		1802003002	20				160	pc.

**Note:**

Adapter M28×1.5 is used for valves installed in brass manifolds series 71A, 73A, 77E, 75A, 77A and 77E of KAN-term system with servomotors on the upper beam. The adapter works with SMART servomotors of the following codes: 1802003004, 1802003003, 1802003006, 1802003005.



### Servomotor adapter

GROUP: A

Version	*	Code						UM
M30×1,5	***	1802003001	20				300	pc.

**Note:**

M30×1.5 adapter can be used on servomotor valves in InoxFlow manifolds and thermostatic valves in pump groups 1346103000. The adapter works with SMART servomotors of the following codes: 1802003004, 1802003003, 1802003006, 1802003005.



### Underfloor heating unit with valve, thermostatic head and air vent

GROUP: A

	*	Code						UM
	***	1802183000					1	pc.

**Note:**

The set is equipped with its manual air vent. The thermostatic head measures the air temperature in the room.



### Return temperature limiter and room controller Premium RTL Kombi UP DUO

GROUP: A

	*	Code						UM
		1802265130					1	pc.

N



### Icing controller

GROUP: A

	*	Code						UM
	*	1802047003					1	pc.

**Note:**

The controller requires a snow and ice sensor, as well as a temperature and humidity sensor.

coil bar pipes in tube bag carton box pallet **N** new available soon

\* custom-made - lead time max 4 weeks | \*\* availability as agreed | \*\*\* while stock lasts

### Snow and ice sensor with 15 m wire

GROUP: A

*	Code		UM
*	1802047000	1	pc.

**Note:**

The snow and ice sensor works with icing controller for heating open areas, code 1802047003.



### Temperature and humidity sensor

GROUP: A

*	Code		UM
*	1802047001	1	pc.

**Note:**

The temperature and humidity sensor works with icing controller for heating open areas, code 1802047003.



### Tacker tool for clips

GROUP: K

*	Code		UM
*	1950267002	1	pc.

**Note:**

Tacker work with tape clips in short U42 (42 mm) and long U55 (55 mm) versions.



### Plastic Tacker tool for clips

GROUP: K

*	Code		UM
*	1950254001	1	pc.

**Note:**

Tacker work with tape clips in short U42 (42 mm) and long U55 (55 mm) versions.



### Adhesive tape hand feeder

GROUP: A

*	Code		UM
*	1800183009	1	pc.





### Pipe uncoiler

GROUP: K

	*	Code		UM
		1928270001	1	pc.



### Pipes guide arm for uncoiler

GROUP: K

	*	Code		UM
		1928270000	1	pc.



### Vertical pipe uncoiler

GROUP: K

	*	Code		UM
		1928270002	1	pc.



### TBS electric cutter

GROUP: K

	*	Code		UM
		1950267005	1	pc.

**Note:**  
TBS cutter with a tip is used to cut grooves for Ø16 pipes in complementary TBS boards.



### TBS cutter tip

GROUP: K

	*	Code		UM
		1950267000	1	pc.



### Combination wrench for G<sup>3/4</sup>" eurocone adapters

GROUP: K

Size [mm]	*	Code		UM
30	*	1938267035	1	pc.

**Note:**  
The wrench is intended for assembling G<sup>3/4</sup>" Eurocone adapters.

coil bar pipes in tube bag carton box pallet **N** new available soon

\* custom-made - lead time max 4 weeks | \*\* availability as agreed | \*\*\* while stock lasts

### Pipe cutter for PB

GROUP: K

Size [mm]	*	Code		UM
8x1		1950060000	1	pc.



### Pipe cutter

GROUP: K

Size [mm]	*	Code		UM
12-32		1938267050	1 25	pc.



### Pipe cutter blade

GROUP: K

Size [mm]	*	Code		UM
12-32	*	1938267055	1 150	pc.



### Pipe cutter for PERTAL pipes

GROUP: K

Size [mm]	*	Code		UM
14-32		1936267054	1 20	pc.



### Pipe cutter blade for PERTAL pipe

GROUP: K

Size [mm]	*	Code		UM
14-32		1936267059	1	pc.



### Calibrator for PERTAL pipes

GROUP: K

Size [mm]	*	Code		UM
14	*	1936267022	1	pc.
16		1936267026	1	pc.
20		1936267028	1	pc.
25 / 26		1936267030	1	pc.



### Universal calibrator for PERTAL pipes

GROUP: K

Size [mm]	*	Code		UM
16 / 20 / 25-26		1936267044	1	pc.



 coil  bar  pipes in tube  bag  carton box  pallet **N** new **i** available soon

\* custom-made - lead time max 4 weeks | \*\* availability as agreed | \*\*\* while stock lasts



### Internal spring for pipes bending

GROUP: K

Size [mm]	*	Code		UM
16		1936267075	1	pc.
20		1936267077	1	pc.
25-26		1936267071	1	pc.

**Note:**  
The internal spring works with PERTAL pipes.



### External spring for bending pipes

GROUP: K

Size [mm]	*	Code			UM
16		1936267081	1	60	pc.
20		1936267086	1	40	pc.
25-26		1936267088	1	25	pc.

**Note:**  
The external spring works with PERTAL<sup>2</sup> and PERTAL pipes.





Complete multipurpose installation system consisting of state-of-the-art, mutually complementary technical solutions for pipe water distribution installations, heating installations, as well as technological and fire extinguishing installations.

ultra**LINE**

ultra**PRESS**

**PP**

**Steel**

**Inox**

**Groove**

**Copper, Copper Gas**

**XPress Sprinkler**

**Surface heating and cooling,  
automation**

**Football  
Stadium installations**

**Cabinets  
and manifolds**

