



SYSTEM **KAN-therm**

# Underfloor heating

Comfort and efficiency



TECHNOLOGY OF SUCCESS



ISO 9001

# The underfloor heating of System **KAN-therm** - pipes and pipe accessories

pipe PE-RT with EVOH layer for underfloor heating,  
class 4/6 bars,  $T_{max}$  70°

**GROUP: C**

Size	*	Code	Packing	JM	Price EUR/JM
16×2		0.2176OP	200/3000	m	
16×2		0.2176OP 600M	600/1800	m	
18×2		0.2178OP	200/3000	m	
18×2		0.2178OP 600M	600/1800	m	



pipe PE-Xc with EVOH layer acc. to DIN 4726

**GROUP: C**

Size	*	Code	Packing	JM	Price EUR/JM
12×2		0.2144	200/4000	m	
14×2		0.2145	200/4000	m	
16×2		0.2146	200/3000	m	
18×2		0.2148	200/3000	m	
20×2	*	K-150005	200/3000	m	
25×3,5		0.9127	50/1000	m	

Operating parameters  $T_{work}$  80°C ( $T_{max}$  - maximum 90°C,  $T_{mal}$  - malfunction 100°C), pressure 6 bar, for central heating and underfloor heating systems.

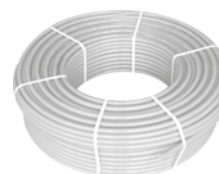


pipe PE-RT with EVOH layer acc. to DIN 4726

**GROUP: C**

Size	*	Code	Packing	JM	Price EUR/JM
12×2		0.2174	200/4000	m	
14×2		0.2175	200/4000	m	
16×2		0.2176	200/3000	m	
18×2		0.2178	200/3000	m	
20×2		K-100305	200/3000	m	
25×3,5		0.9226	50/1000	m	

Operating parameters  $T_{work}$  80°C ( $T_{max}$  - maximum 90°C,  $T_{mal}$  - malfunction 100°C), pressure 6 bar, for central heating and underfloor heating systems.



multilayer pipe PE-RT/Al/PE-RT Multi Universal designed for  
central heating, hot and cold water systems as well as for floor  
heating systems; operating pressure max. 10 bar

**GROUP: B**

Size	*	Code	Packing	JM	Price EUR/JM
14×2		0.9614	200/3000	m	
16×2		0.9616	200/3000	m	
16×2		0.9616 600M	600/2400	m	
20×2		0.9620	100/1500	m	

Operating parameters  $T_{work}$  90°C ( $T_{max}$  - maximum 95°C,  $T_{mal}$  - malfunction 100°C), pressure 10 bar, for central heating and underfloor heating systems.



universal pipe de-coiler

**GROUP: K**

Size	*	Code	Packing	JM	Price EUR/JM
		K-100620	1	pc	



\* on request (delivery time up to 4 weeks)

\*\* availability by individual arrangements

\*\*\* till stock ends

## coupling

GROUP: A

Size	*	Code	Packing	JM	Price EUR/JM
12×2		9014.16	10/120	pc	
14×2		9014.13	10/120	pc	
16×2		9014.14	10/150	pc	
18×2		981	10/120	pc	
20×2	*	K-101205	10/100	pc	
25×3,5		9014.19	5/60	pc	

**Caution:**

The coupling is used for repair purposes (pipe damage, e.g. boring) and for joining long pipe sections.



## Push coupling

GROUP: A

Size	*	Code	Packing	JM	Price EUR/JM
12×2 / 12×2		9014.610	50/700	pc	
14×2 / 14×2 (P)		9019.23	20/200	pc	
18×2 / 18×2 (P)		9019.24	20/160	pc	
25×3,5 / 25×3,5 (P)		9019.28	10/100	pc	

(P) - PPSU fitting

**Caution:**

Tools for assembly Push connectors available in chapter System KAN-therm - Tools for Push connections.



## Push sliding sleeve

GROUP: A

Size	*	Code	Packing	JM	Price EUR/JM
12×2A		9014.490	50/700	pc	
14×2A		9006.01	50/700	pc	
18×2A / 18×2,5A		9001.80	50/500	pc	
25×3,5A		9006.78	20/200	pc	

**Caution:**

Size with A letter means use of sleeve for pipes PE-Xc or PE-RT with EVOH layer only.

When assembling Push connections use assembly tools for PE-RT and PE-Xc pipes with appropriate inserts (purchase or rental of tools available in KAN branches).

**Caution:**

Tools used to montage the Push couplings are presented in System KAN-therm - tools for Push connections chapter.



## Press PPSU coupling

GROUP: A

Size	*	Code	Packing	JM	Price EUR/JM
16×2 / 16×2		K-900250	20/200	pc	
20×2 / 20×2		K-900251	10/150	pc	
25×2,5 / 25×2,5		K-900252	5/60	pc	

**Caution:**

Tools used to montage the Press couplings are presented in System KAN-therm - tools for Press connections chapter.



### cutter for Ø12-32 PE-Xc and PE-RT

GROUP: K

	*	Code	Packing	JM	Price EUR/JM
		0.2125	1/25	pc	



### replacement blade for cutter for Ø12-32 pipes PE-Xc and PE-RT

GROUP: K

	*	Code	Packing	JM	Price EUR/JM
	*	0.2125-O	1	pc	



### pipe cutter for cutting multilayer pipes Ø14-32

GROUP: K

	*	Code	Packing	JM	Price EUR/JM
		RS1435	1/20	pc	

Caution:  
May be used to cut the Platinum pipes.



### replacement blade for pipe cutter for cutting multilayer pipes Ø14-32

GROUP: K

	*	Code	Packing	JM	Price EUR/JM
	*	RSM1435	1	pc	

Caution:  
May be used to cut the Platinum pipes.



### calibration and internal bevelling tool for multilayer pipes

GROUP: K

Size	*	Code	Packing	JM	Price EUR/JM
14	*	KL14	1	pc	
16		KL16	1	pc	
20		KL20	1	pc	
25 / 26		KL26	1	pc	



### calibration and internal bevelling universal tool for multilayer pipes

GROUP: K

Size	*	Code	Packing	JM	Price EUR/JM
16 / 20 / 25-26		KL162026	1	pc	



### internal bending spring for multilayer pipes

GROUP: K

Size	*	Code	Packing	JM	Price EUR/JM
14	*	SW-1410	1	pc	
16		SW-1612	1	pc	
20		SW-2016	1	pc	
25-26		SW-2620	1	pc	



\* on request (delivery time up to 4 weeks)

\*\* availability by individual arrangements

\*\*\* till stock ends

## external bending spring for multilayer pipes

GROUP: K

Size	*	Code	Packing	JM	Price EUR/JM
14	*	SZ-1410	1	pc	
16		SZ-1612	1	pc	
20		SZ-2016	1	pc	
25-26		SZ-2620	1	pc	

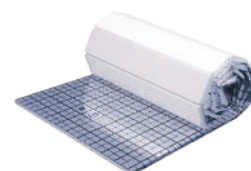


## Tacker - pipe fastening system

### Tacker foamed polystyrene board EPS100 038 (PS20) with foil - sheet 5 m<sup>2</sup>

GROUP: A

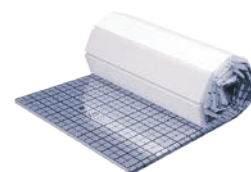
Size	*	Code	Packing	JM	Price EUR/JM
30 mm (1×5,00 m) with metalized foil		720N	1	m <sup>2</sup>	
20 mm (1×5,00 m) with metalized foil		726N	1	m <sup>2</sup>	
30 mm (1×5,00 m) with laminated foil		725	1	m <sup>2</sup>	
50 mm (1×5,00 m) with laminated foil		727	1	m <sup>2</sup>	



### Tacker foamed polystyrene board EPS200 036 (PS30) with foil - hard - sheet 5 m<sup>2</sup>

GROUP: A

Size	*	Code	Packing	JM	Price EUR/JM
30 mm (1×5,00 m) with metalized foil	*	728N	1	m <sup>2</sup>	



### Tacker foamed polystyrene board EPS T-30 dB with foil - elastic (sound absorbing) - sheet 5 m<sup>2</sup>

GROUP: A

Size	*	Code	Packing	JM	Price EUR/JM
35-3 mm (1×5,00 m) with metalized foil	*	729N	1	m <sup>2</sup>	



### tacker tool

GROUP: A

	*	Code	Packing	JM	Price EUR/JM
		2214	1	pc	



### integrated tacker clips

GROUP: A

Size	*	Code	Packing	JM	Price EUR/JM
14-18 (42 mm)		22022S	1000	pc	

Clips are packed in blocks 50 pcs.



### tacker clip for fastening pipes on foamed polystyrene boards

GROUP: A

Size	*	Code	Packing	JM	Price EUR/JM
14-18 (42 mm)		22022	100/3000	pc	
14-18 (42 mm)		22022N	200/3000	pc	



\* on request (delivery time up to 4 weeks)

\*\* availability by individual arrangements

\*\*\* till stock ends

### tacker tool for short clips

GROUP: A

	*	Code	Packing	JM	Price EUR/JM
	*	K-200501	1	pc	



### short clip on a tape for fastening pipes to expanded polystyrene mats

GROUP: A

Size	*	Code	Packing	JM	Price EUR/JM
14-18 (37,2 mm)	*	K-200601	1000	pc	

Clips are packed in blocks 50 pcs.



### adhesive tape with KAN logo

GROUP: A

	*	Code	Packing	JM	Price EUR/JM
		K-200700	1	pc	



### adhesive tape hand feeder

GROUP: A

	*	Code	Packing	JM	Price EUR/JM
	*	K-200800	1	pc	



## Rail - pipe fastening system

### mounting rail for pipe fastening

GROUP: A

Size	*	Code	Packing	JM	Price EUR/JM
16 - dlug. 2 m		K-201109	2/100	m	
18 - dlug. 2 m		0.1025	2/40	m	
20 - dlug. 3 m	*	K-201105	dowolna	m	
25 - dlug. 3 m	*	K-201106	dowolna	m	



### mounting rail for pipe fastening

GROUP: A

Size	*	Code	Packing	JM	Price EUR/JM
12-17 length 0.2 m		K-201117	1/100	m	
16-17 length 0.5 m		K-201003	1/100	m	
12-22 length 1 m		K-201120	1/100	m	



\* on request (delivery time up to 4 weeks)

\*\* availability by individual arrangements

\*\*\* till stock ends

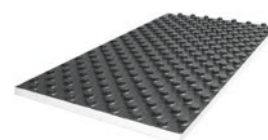
# Profil - pipe fastening system

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

**GROUP: A**

Size	*	Code	Packing	JM	Price EUR/JM
30-2 mm (0,8×1,40 m)	*	K-300300	1	m <sup>2</sup>	

Total board thickness with roll formed part is 50 mm.

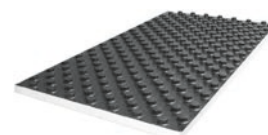


**Profil2 foamed polystyrene board EPS200 036 (PS30) with PS foil - hard - sheet 1,12 m<sup>2</sup>**

**GROUP: A**

Size	*	Code	Packing	JM	Price EUR/JM
11 mm (0,8×1,40 m)		K-300100	1	m <sup>2</sup>	

Total board thickness with roll formed part is 31 mm.

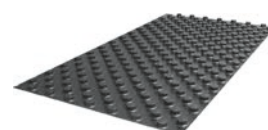


**profiled PS foil (polystyrene) Profil3 - sheet 1,12 m<sup>2</sup>**

**GROUP: A**

Size	*	Code	Packing	JM	Price EUR/JM
1 mm (0,8×1,40 m)	*	K-300200	1	m <sup>2</sup>	

Total board thickness with roll formed part is 20 mm.



**Profil4 foamed polystyrene board EPS200 036 (PS30) whitout foil - hard - sheet 0,77 m<sup>2</sup>**

**GROUP: A**

Size	*	Code	Packing	JM	Price EUR/JM
20 mm (1,1×0,7 m)		730	1	m <sup>2</sup>	

Total board thickness with roll formed part is 47 mm.



## TBS - pipe fastening system

TBS foamed polystyrene board EPS200 036 (PS30) - hard  
- sheet 0,5 m<sup>2</sup>

GROUP: A

Size	*	Code	Packing	JM	Price EUR/JM
25 mm (0,5×1,0 m)		K-400000	1	m <sup>2</sup>	



TBS metal shape

GROUP: A

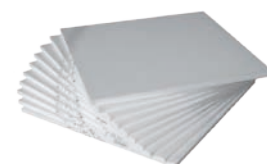
Size	*	Code	Packing	JM	Price EUR/JM
0,4 mm (1,0×0,12 m)		K-400100	1/40	pc	



TBS complementary foamed polystyrene board EPS200 036  
(PS30) - hard - sheet 0,5 m<sup>2</sup>

GROUP: A

Size	*	Code	Packing	JM	Price EUR/JM
25 mm (0,5×1,0 m)	*	K-400200	1	m <sup>2</sup>	



PE foil

GROUP: A

Size	*	Code	Packing	JM	Price EUR/JM
0,2 mm (2,0×50 m)		K-500200	100	m <sup>2</sup>	

Caution:

Apply as system covering before laying dry jointless floor.



TBS cutter tip

GROUP: K

	*	Code	Packing	JM	Price EUR/JM
		K-400300	1	pc	

Caution:

TBS cutter is suitable for cutting grooves for pipes Ø16 mm in TBS styroboards.



TBS cutter tip

GROUP: K

	*	Code	Packing	JM	Price EUR/JM
		K-400400	1	pc	



## NET - pipe fastening system

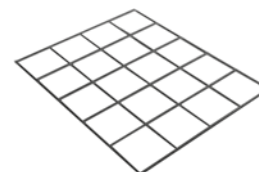
NET steel wire net

GROUP: A

Size	*	Code	Packing	JM	Price EUR/JM
1,2 m×2,1 m		K-500300	2,52	m <sup>2</sup>	

Caution:

Net is made of 3 mm steel wire. Spacing - 150×150 mm.





### grip for fastening pipes on NET net

GROUP: A

Size	*	Code	Packing	JM	Price EUR/JM
16-18 mm		K-500600	1000	pc	
20 mm	*	K-500601	1000	pc	



### plastic band for fastening pipes on NET net

GROUP: A

	*	Code	Packing	JM	Price EUR/JM
	*	K-500401	100	pc	



### fastening band for connecting NET nets

GROUP: A

	*	Code	Packing	JM	Price EUR/JM
	*	K-500400	100	pc	



### PE foil

GROUP: A

Size	*	Code	Packing	JM	Price EUR/JM
0,2 mm (2,0×50 m)		K-500200	100	m <sup>2</sup>	

**Caution:**

Apply as moisture insulation beneath NET net..



### PE foil mounting peg

GROUP: A

Size	*	Code	Packing	JM	Price EUR/JM
8 mm		K-500500	100	pc	



## Underfloor heating accessories

### corrugated (protection) pipe - red

GROUP: A

Size	*	Code	Packing	JM	Price EUR/JM
12-14 (Dz 23 mm)		1904C	100	m	
16-18 (Dz 25 mm)		1900C	50	m	
20 (Dz 28 mm)		1906C	50	m	
25-26 (Dz 35 mm)		1901C	50	m	
32 (Dz 43 mm)		1908C	50	m	
40 (Dz 50 mm)		1910C	25	m	

**Caution:**

Apply for hot and cold water system and central heating, as a protecting pipe, in the case of embedding the system in concrete



## corrugated (protection) pipe - blue

GROUP: A

Size	*	Code	Packing	JM	Price EUR/JM
12-14 (Dz 23 mm)		1904N	100	m	
16-18 (Dz 25 mm)		1900N	50	m	
20 (Dz 28 mm)		1906N	50	m	
25-26 (Dz 35 mm)		1901N	50	m	
32 (Dz 43 mm)		1908N	50	m	
40 (Dz 50 mm)		1910N	25	m	

**Caution:**

Apply for hot and cold water system and central heating, as a protecting pipe, in the case of embedding the system in concrete



## concrete additive: BETOKAN

GROUP: A

	*	Code	Packing	JM	Price EUR/JM
	***	0.1007	10	kg	
	***	0.1006	5	kg	

**Caution:**

Apply for underfloor heating to improve concrete strength.



## concrete additive: BETOKAN (New Formula)

GROUP: A

	*	Code	Packing	JM	Price EUR/JM
		0.1004	10	kg	
		0.1005	5	kg	

**Caution:**

Apply for underfloor heating to improve concrete strength.



## concrete additive: BETOKAN Plus

GROUP: A

Size	*	Code	Packing	JM	Price EUR/JM
		K-500900	10	kg	

**Caution:**

Apply for underfloor heating to improve concrete strength.  
Allows to reduce floor thickness to 4.5 cm above insulation.



## fibre glass mesh - roll 50 m<sup>2</sup>

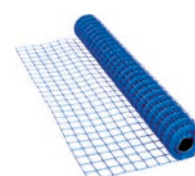
GROUP: A

Size	*	Code	Packing	JM	Price EUR/JM
0,017×1×50 m		K-500310	1	m <sup>2</sup>	

Mesh size 40×40 mm.

**Caution:**

Mesh used with small amount of BETOKAN or BETOKAN Plus concrete increases floor elasticity and perfectly protects against cracks and offsets (keeps the flooring surface even).



## anti-freezing agent

GROUP: A

Version	*	Code	Packing	JM	Price EUR/JM
-20°C	*	0.1008	20	l	
-25°C	*	0.1009	20	l	
-35°C	*	0.1010	20	l	

**Caution:**

Used for central heating, air conditioning, cooling and solar systems.



## wall tape with incision

GROUP: A

Size	*	Code	Packing	JM	Price EUR/JM
8×150 - with notch		0.1022	25	m	
8×150 - with skirt		0.1021	25	m	

**Caution:**

Apply to insulate underfloor heating boards from walls.



\* on request (delivery time up to 4 weeks)

\*\* availability by individual arrangements

\*\*\* till stock ends

## dilatation tape with fastening strip

GROUP: A

Size	*	Code	Packing	JM	Price EUR/JM
10×150		0.1026	25	m	

### Caution:

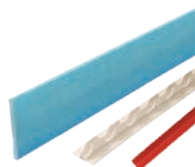
Apply for expanding underfloor heating boards. Pipes going through the expansion shape should also be laid in a corrugated (protection) pipe.



## dilatation set

GROUP: A

Size	*	Code	Packing	JM	Price EUR/JM
PE foam		K-501001	2	m	
rail		K-501000	2	m	
peszel 0,4m*		K-501002	10	pc	



# Manifolds and accessories for manifoldsy

## manifold 1" for underfloor heating with control valves (51A series)

GROUP: E

Size	*	Code	Packing	JM	Price EUR/JM
2 (326×100×80)		51020A	1	pc	
3 (326×150×80)		51030A	1	pc	
4 (326×200×80)		51040A	1	pc	
5 (326×250×80)		51050A	1	pc	
6 (326×300×80)		51060A	1	pc	
7 (326×350×80)		51070A	1	pc	
8 (326×400×80)		51080A	1	pc	
9 (326×450×80)		51090A	1	pc	
10 (326×500×80)		51100A	1	pc	
11 (326×550×80)		51110A	1	pc	
12 (326×600×80)		51120A	1	pc	

### Caution:

The manifold is compatible with eurocone adapter (for PE-Xc and PE-RT) G¾" and adapter for multilayer pipe (fixed ring) G¾".  
Manifold outputs has a 50 mm distance between each one.



## manifold 1" for underfloor heating with flowmeters (55A series)

GROUP: E

Size	*	Code	Packing	JM	Price EUR/JM
2 (326×100×80)		55020A	1	pc	
3 (326×150×80)		55030A	1	pc	
4 (326×200×80)		55040A	1	pc	
5 (326×250×80)		55050A	1	pc	
6 (326×300×80)		55060A	1	pc	
7 (326×350×80)		55070A	1	pc	
8 (326×400×80)		55080A	1	pc	
9 (326×450×80)		55090A	1	pc	
10 (326×500×80)		55100A	1	pc	
11 (326×550×80)		55110A	1	pc	
12 (326×600×80)		55120A	1	pc	

### Caution:

The manifold is compatible with eurocone adapter (for PE-Xc and PE-RT) G¾" and adapter for multilayer pipe (fixed ring) G¾".  
Manifold outputs has a 50mm distance between each one.



**manifold 1" for underfloor heating with control valves (lower manifold body) and servomotor valves (upper manifold body) (71A series)**

**GROUP: E**

Size	*	Code	Packing	JM	Price EUR/JM
2 (326×100×80)		71020A	1	pc	
3 (326×150×80)		71030A	1	pc	
4 (326×200×80)		71040A	1	pc	
5 (326×250×80)		71050A	1	pc	
6 (326×300×80)		71060A	1	pc	
7 (326×350×80)		71070A	1	pc	
8 (326×400×80)		71080A	1	pc	
9 (326×450×80)		71090A	1	pc	
10 (326×500×80)		71100A	1	pc	
11 (326×550×80)		71110A	1	pc	
12 (326×600×80)		71120A	1	pc	

**Caution:**

The manifold is compatible with eurocone adapter (for PE-Xc and PE-RT) G $\frac{3}{4}$ " and adapter for multilayer pipe (fixed ring) G $\frac{3}{4}$ ".  
Manifold outputs has a 50mm distance between each one.



**Manifold 1" for underfloor heating with servomotor valves (upper manifold body) and flowmeter valves (lower manifold body) (75A series)**

**GROUP: E**

Size	*	Code	Packing	JM	Price EUR/JM
2 (326×100×80)		75020A	1	pc	
3 (326×150×80)		75030A	1	pc	
4 (326×200×80)		75040A	1	pc	
5 (326×250×80)		75050A	1	pc	
6 (326×300×80)		75060A	1	pc	
7 (326×350×80)		75070A	1	pc	
8 (326×400×80)		75080A	1	pc	
9 (326×450×80)		75090A	1	pc	
10 (326×500×80)		75100A	1	pc	
11 (326×550×80)		75110A	1	pc	
12 (326×600×80)		75120A	1	pc	

**Caution:**

The manifold is compatible with eurocone adapter (for PE-Xc and PE-RT) G $\frac{3}{4}$ " and adapter for multilayer pipe (fixed ring) G $\frac{3}{4}$ ".  
Manifold outputs has a 50mm distance between each one.



## stainless steel manifold 1 1/4", with flowmeter and servomotor valves M30x1.5 (series N75A)

GROUP: E

Size	*	Code	Packing	JM	Price EUR/JM
2 (326×100×80)		N75020A	1	pc	
3 (326×150×80)		N75030A	1	pc	
4 (326×200×80)		N75040A	1	pc	
5 (326×250×80)		N75050A	1	pc	
6 (326×300×80)		N75060A	1	pc	
7 (326×350×80)		N75070A	1	pc	
8 (326×400×80)		N75080A	1	pc	
9 (326×450×80)		N75090A	1	pc	
10 (326×500×80)		N75100A	1	pc	
11 (326×550×80)		N75110A	1	pc	
12 (326×600×80)		N75120A	1	pc	

### Caution:

The manifold is compatible with screw connections G3/4" and studs G3/4".

Manifold outputs for individual circuits have 50 mm spacing between them.

Use servomotors with adapter M30×1.5.

Manifold supply - lower part.

Manifold return - upper part.



## reducer

GROUP: E

Size	*	Code	Packing	JM	Price EUR/JM
G1"×G1/2"		4.12	10/120	pc	
G1"×G3/4"		4.13	10/120	pc	

### Caution:

Reducer Code 4.12 and 4.13 contains O-Ring Code U28.



## male plug

GROUP: E

Size	*	Code	Packing	JM	Price EUR/JM
G1"		6095.43	10/150	pc	

### Caution:

Code 6095.43 contains O-Ring, code U28; others without O-Ring.



## valve set, straight

GROUP: E

Size	*	Code	Packing	JM	Price EUR/JM
G1"×G1"		K-600400	1/20	kpl	

### Caution:

Set of valves with screw connection for manifolds of System KAN-therm fixed on a 1" profile without any additional sealing.

For manifold with side supply connection.



## valve set, angular

GROUP: E

Size	*	Code	Packing	JM	Price EUR/JM
G1"×G1"		K-600500	1/20	kpl	

### Caution:

Set of valves with screw connection and elbows for manifolds of System KAN-therm fixed on a 1" profile without any additional sealing.

For manifolds supplied from floor.



## brass handle for manifold

GROUP: A

Size	*	Code	Packing	JM	Price EUR/JM
M28×1,5		6095.28	10/150	pc	
M30×1,5		6095.30	10/150	pc	

### Caution:

Apply the element for thermostatic valves to cut-off each circuit flow:  
M28×1,5 - in manifolds 71, 75, 73A and 77A series.  
M30×1,5 - in manifolds 73A and 77A series on pump unit connection



## extension element with flowmeter

GROUP: E

Size	*	Code	Packing	JM	Price EUR/JM
G1" L=50mm		752	1/20	kpl	

### Caution:

Apply the element for manifolds 55A, 75A using nipple 1" to extend manifold by one more circuit.



## extension element with control valve

GROUP: E

Size	*	Code	Packing	JM	Price EUR/JM
G1" L=50mm		512	1/20	kpl	

### Caution:

Apply the element for manifolds 55A, 75A using nipple 1" to extend manifold by one more circuit.



## extension element with servomotor cut-off valve

GROUP: E

Size	*	Code	Packing	JM	Price EUR/JM
G1" L=50mm		712	1/20	pc	

### Caution:

Apply the element for manifolds 55A, 75A using nipple 1" to extend manifold by one more circuit



## coupling for manifolds

GROUP: E

Size	*	Code	Packing	JM	Price EUR/JM
G1"		R543	10/100	pc	

### Caution:

For manifold to extend it by one more circuit.



## male-female terminal with special seal

GROUP: E

Size	*	Code	Packing	JM	Price EUR/JM
G1"×G1/2"×G1/2"		R542	5/70	pc	

### Caution:

For manifold to extend it by one more circuit.



## new male plug with hex socket

GROUP: E

Size	*	Code	Packing	JM	Price EUR/JM
G1/2"		6095.34	20/300	pc	

### Caution:

It contains O-Ring.



## male terminal with automatic air vent and drain

GROUP: E

Size	*	Code	Packing	JM	Price EUR/JM
G1"		R5541	1/50	pc	

### Caution:

Suitable for 1" manifold 51A, 55A, 71A, 75A series.



## manual air vent valve

GROUP: E

Size	*	Code	Packing	JM	Price EUR/JM
G1½"		5322	50/500	pc	



## plastic male air vent and drain valve

GROUP: E

Size	*	Code	Packing	JM	Price EUR/JM
G1½"		10612	25	pc	

### Caution:

Use by reducing 1"×½" for manifolds of 1" profile series 51A, 55A, 71A, 75A.



## male air vent and drain valve

GROUP: E

Size	*	Code	Packing	JM	Price EUR/JM
G1½"		1305.11	25/100	pc	

### Caution:

Use by reducing 1"×½" for manifolds of 1" profile series 51A, 55A, 71A, 75A.



## automatic air vent with stop valve

GROUP: E

Size	*	Code	Packing	JM	Price EUR/JM
G1½"		0.52071	1/100	pc	

### Caution:

Foot valve makes it possible to screw out a vent without necessity to remove water from the installation. Use tow to seal.



## flowmeter with thermometer

GROUP: E

Size	*	Code	Packing	JM	Price EUR/JM
G¾"×G¾" L = 8 cm	*	K-601501	dowolna	pc	

### Caution:

Apply to check flow through heating circuit.



## disc thermometer 100°C

GROUP: E

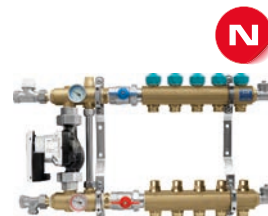
Size	*	Code	Packing	JM	Price EUR/JM
red	*	K-601400	1	pc	
blue	*	K-601401	1	pc	



## Manifold 1" for underfloor heating with mixing unit (series 73E)

GROUP: E

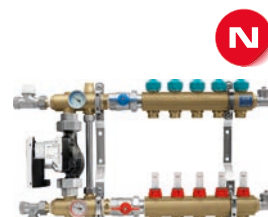
Size	*	Code	Packing	JM	Price EUR/JM
2 (410×451×123)		7302E	1	pc	
3 (410×501×123)		7303E	1	pc	
4 (410×551×123)		7304E	1	pc	
5 (410×601×123)		7305E	1	pc	
6 (410×651×123)		7306E	1	pc	
7 (410×701×123)		7307E	1	pc	
8 (410×751×123)		7308E	1	pc	
9 (410×801×123)		7309E	1	pc	
10 (410×851×123)		7310E	1	pc	



## Manifold 1" for underfloor heating with mixing unit and flowmeters (series 73E)

GROUP: E

Size	*	Code	Packing	JM	Price EUR/JM
2 (410×451×123)		7702E	1	pc	
3 (410×501×123)		7703E	1	pc	
4 (410×551×123)		7704E	1	pc	
5 (410×601×123)		7705E	1	pc	
6 (410×651×123)		7706E	1	pc	
7 (410×701×123)		7707E	1	pc	
8 (410×751×123)		7708E	1	pc	
9 (410×801×123)		7709E	1	pc	
10 (410×851×123)		7710E	1	pc	



## manifold 1" for underfloor heating with mixing unit (73A series)\*\*\*

GROUP: E

Size	*	Code	Packing	JM	Price EUR/JM
2 (410×451×123).	***	7302A	1	pc	
3 (410×501×123)	***	7303A	1	pc	
4 (410×551×123)	***	7304A	1	pc	
5 (410×601×123)	***	7305A	1	pc	
6 (410×651×123)	***	7306A	1	pc	
7 (410×701×123)	***	7307A	1	pc	
8 (410×751×123)	***	7308A	1	pc	
9 (410×801×123)	***	7309A	1	pc	
10 (410×851×123)	***	7310A	1	pc	

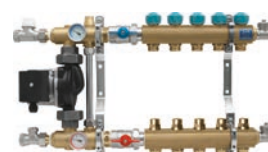
### Caution:

- Individual circuits of underfloor heating are controlled by electric servomotors code K-800011 and K-800013. Assemble servomotors on upper manifold body using adapters M28×1,5. In the case of controlling temperature with one thermostat placed in characteristic room, for controlling use the thermostatic valve build in mixing unit and fix the servomotor on thermostatic valve by adapter M30×1,5.
- Manifold is compatible with eurocone adapter G¾" and adapter for multilayer pipe G¾". Manifold outputs has a 50mm distance between each one.

### Caution:

Not suitable for a low parameter heating sources.

\*\*\*Caution: Available in EU until 31.07.2015





## manifold 1" for underfloor heating with mixing unit and flowmeters (77A series)\*\*\*

GROUP: E

Size	*	Code	Packing	JM	Price EUR/JM
2 (410×451×123)	***	7702A	1	pc	
3 (410×501×123)	***	7703A	1	pc	
4 (410×551×123)	***	7704A	1	pc	
5 (410×601×123)	***	7705A	1	pc	
6 (410×651×123)	***	7706A	1	pc	
7 (410×701×123)	***	7707A	1	pc	
8 (410×751×123)	***	7708A	1	pc	
9 (410×801×123)	***	7709A	1	pc	
10 (410×851×123)	***	7710A	1	pc	

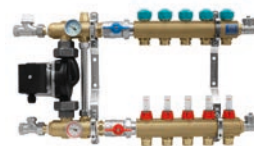
### Caution:

- Individual circuits of underfloor heating are controlled by electric servomotors code K-800011 and K-800013. Assemble servomotors on upper manifold body using adapters M28×1,5. In the case of controlling temperature with one thermostat placed in characteristic room, for controlling use the thermostatic valve build in mixing unit and fix the servomotor on thermostatic valve by adapter M30×1,5.
- Manifold is compatible with eurocone adapter G¾" and adapter for multilayer pipe G¾". Manifold outputs has a 50mm distance between each one.

### Caution:

Not suitable for a low parameter heating sources.

\*\*\*Caution! Available in EU until 31.07.2015



## pump group\*\*\*

GROUP: E

Size	*	Code	Packing	JM	Price EUR/JM
25 / 4	***	K-803000	1	pc	
25 / 6	***	K-803001	1	pc	

### Caution:

Not suitable for a low parameter heating sources.

\*\*\*Caution! Available in EU until 31.07.2015



## electronic pump group

GROUP: E

Size	*	Code	Packing	JM	Price EUR/JM
		K-803002	1	pc	

### Caution:

Not suitable for a low parameter heating sources



## electronic pump group with three-way mixing valve

GROUP: E

Size	*	Code	Packing	JM	Price EUR/JM
35-60°C		K-803003	1	pc	
20-43°C		K-803005	1	pc	



## thermostatic valve ½", M30×1,5

GROUP: A

Size	*	Code	Packing	JM	Price EUR/JM
Rp ½"		V2000DUB15	1	pc	

### Caution:

Service element for manifolds series 73A & 77A and pump group.  
Within M30x1,5 (grey) adapter, servomotor and room thermostat it may be used for temperature control of whole heating zone.  
Within thermostatic head and four way valve it performs as half automatic underfloor heating controller.



## reversing valve

GROUP: A

Size	*	Code	Packing	JM	Price EUR/JM
Rp ½"		V2420D0015	1	pc	

### Caution:

Service element for manifolds series 73A & 77A and pump group.  
Enables hydraulic regulation of surface heating systems - setting the temperature of heating loops supply.



## thermostatic head with the pad sensor for the manifold 73A and 77A series

GROUP: A

Size	*	Code	Packing	JM	Price EUR/JM
M30×1,5		K-600800	1	pc	

### Caution:

The element designed for manifold 73A and 77A - it protects against exceeding temperature in the system, and should be fixed on the thermostatic valve build in mixing unit, the pad sensor should be placed on the lower body of manifold.



## servomotor SMART adapter

GROUP: A

Size	*	Code	Packing	JM	Price EUR/JM
Adapter M28×1,5		K-800019	20/300	pc	

### Caution:

Use adapter M28×1.5 for valves mounted in manifolds 71A, 73A, 75A and 77A System KAN-therm with servomotors K-600700, K-600701 and K-800011, K-800012, K-800013, K-800014.



## servomotor adapter

GROUP: A

Size	*	Code	Packing	JM	Price EUR/JM
Adapter M30×1,5		K-600702	20/300	pc	

### Caution:

Use adapter M30×1.5 for thermostatic valves mounted in manifolds series 73A and 77A, and for thermostatic valves in pump groups codes K-803000, K-803001 and K-803002.

Use adapter with servomotor SMART codes: K-800011, K-800012, K-800013, K-800014.



## eurocone adapter (nickel plated nut)

GROUP: A

Size	*	Code	Packing	JM	Price EUR/JM
12×2 G½"		9012.91	15/300	pc	
12×2 G¾"		9012.92	15/150	pc	
14×2 G½"		9003.47	15/300	pc	
14×2 G¾"		9006.56	15/150	pc	
16×2 G¾"		9006.57	15/150	pc	
18×2 G¾"		9006.59	15/150	pc	
18×2,5 G¾"		9006.48	15/150	pc	
20×2 G¾"		K-601705	15/150	pc	
25×3,5 G1"		9003.67	10/80	pc	

**Caution:** It enables connections with manifolds with male nipples and fittings.



## compression ring - service part for screw fittings

GROUP: A

Size	*	Code	Packing	JM	Price EUR/JM
12		9012.913	100/1000	pc	
14		9006.95	100/1000	pc	
16		9006.97	100/1000	pc	
18		9001.96	100/1000	pc	
20		9014.183	100/1000	pc	
25		9001.92	50/500	pc	



### special spanner for eurocone adapters

GROUP: A

Size	*	Code	Packing	JM	Price EUR/JM
30 mm	*	K-501900		pc	

**Caution:**

The spanner intended for eurocone adapter G $\frac{3}{4}$ " montage.



### adapter for multilayer pipe (fixed ring)

GROUP: A

Size	*	Code	Packing	JM	Price EUR/JM
14 G $\frac{1}{2}$ "		9012.060	20/200	pc	
14 G $\frac{3}{4}$ "		9012.60	15/150	pc	
16 G $\frac{1}{2}$ "		9012.00	20/200	pc	
16 G $\frac{3}{4}$ "		9012.080	10/120	pc	
20 G $\frac{3}{4}$ "		9012.020	10/120	pc	
20 G1"		9012.100	5/80	pc	
25 G1"		9026.330	10/80	pc	
26 G1"		9012.040	10/80	pc	

**Caution:**

All elements detailed above are available in nickel plated version (on request).



### plastic pipe joints for multi-layer KAN-therm System pipes

GROUP: A

Size	*	Code	Packing	JM	Price EUR/JM
16 G $\frac{3}{4}$ "		9010.08N	1	pc	

**Caution:**

pipe joints work with fittings for pipe couplings and distributors with nipples.



### eurocone adapter for multilayer pipe

GROUP: A

Size	*	Code	Packing	JM	Price EUR/JM
16 G $\frac{1}{2}$ "		9012.00N	20/200	pc	
16 G $\frac{3}{4}$ "		9012.08N	15/150	pc	
20 G $\frac{3}{4}$ "		9012.02N	10/120	pc	

**Caution:**

It may be used with KAN-therm nipple, or KAN-therm male tee or male elbow.



### straight male connector

GROUP: A

Size	*	Code	Packing	JM	Price EUR/JM
16×2 G $\frac{1}{2}$ "		9025.01	10/150	pc	
16×2 G $\frac{3}{4}$ "		9025.04	10/80	pc	

**Caution:**

The fitting is designed to be fixed directly into the manifold beam – connection sealing is provided by the O-Ring seal.



# Underfloor heating cabinets

surface mounted cabinet SWN-OP for manifolds without/with mixing units

GROUP: D

Size	*	Code	Packing	JM	Price EUR/JM
10 / 3 (710×580×140)		1100-OP	20	pc	
13 / 7 (710×780×140)		1110-OP	14	pc	
15 / 10 (710×930×140)		1120-OP	11	pc	



Table with cabinets SWN-OP

Cabinet type	Code	Height [mm]	Width [mm]	Depth [mm]	Number of circuits		
					manifold OP	manifold OP + Set-P/Set-K	manifold OP with mixing unit*
SWN-OP - 10/3	1100-OP	710	580	140	2-10	2-7/2-6	2-3
SWN-OP - 13/7	1110-OP	710	780	140	11-13	8-11/7-10	4-7
SWN-OP - 15/10	1120-OP	710	930	140	14-15	12-14/11-13	8-10

\* Required depth of cabinet: min. 140 mm

in wall -mounted cabinet SWPG-OP type, to cover by ceramic tile, for manifolds without/with mixing unit

GROUP: D

Size	*	Code	Packing	JM	Price EUR/JM
10 / 3 (570×580×110-165)	*	1300G-OP	20	pc	
13 / 7 (570×780×110-165)	*	1310G-OP	16	pc	
15 / 10 (570×930×110-165)	*	1320G-OP	10	pc	



Table with cabinet choice SWPG-OP

Cabinet type	Code	Height [mm]	Width [mm]	Depth [mm]	Number of circuits		
					manifold OP	manifold OP + Set-P/Set-K	manifold OP with mixing unit*
SWPG-OP - 10/3	1300G-OP	570	580	110-165	2-10	2-7/2-6	2-3
SWPG-OP - 13/7	1310G-OP	570	780	110-165	11-13	8-11/7-10	4-7
SWPG-OP - 15/10	1320G-OP	570	930	110-165	14-15	12-14/11-13	8-10

\* Required depth of cabinet: min. 140 mm

in wall -mounted cabinet SWP-OP type for manifolds without/with mixing unit

GROUP: D

Size	*	Code	Packing	JM	Price EUR/JM
10 / 3 (750-850×580×110-165)		1300-OP	20	pc	
13 / 7 (750-850×780×110-165)		1310-OP	17	pc	
15 / 10 (750-850×930×110-165)		1320-OP	14	pc	



Table with cabinet choice SWP-OP

Cabinet type	Code	Height [mm]	Width [mm]	Depth [mm]	Number of circuits		
					manifold OP	manifold OP + Set-P/Set-K	manifold OP with mixing unit*
SWP-OP - 10/3	1300-OP	750-850	580	110-165	2-10	2-7/2-6	2-3
SWP-OP - 13/7	1310-OP	750-850	780	110-165	11-13	8-11/7-10	4-7
SWP-OP - 15/10	1320-OP	750-850	930	110-165	14-15	12-14/11-13	8-10

\* Required depth of cabinet: min. 140 mm

\* on request (delivery time up to 4 weeks)

\*\* availability by individual arrangements

\*\*\* till stock ends

# Basic - automatics

## electronic room thermostat with led indicator

GROUP: A

Version	*	Code	Packing	JM	Price EUR/JM
230V		K-800100	1	pc	
24V		K-800101	1	pc	

**Caution:**

The thermostat is compatible with servomotors code K-600700 and K-600701 by means of strips code B2012, B2022, B4012, B4022. Required at least 3-wire installation.



## electronic room thermostat heating/cooling

GROUP: A

Version	*	Code	Packing	JM	Price EUR/JM
230V		K-800035	1	pc	
24V		K-800036	1	pc	

**Caution:**

The thermostat is compatible with servomotors code K-800011 and K-800013 via the Basic strip with heating and cooling option, codes K-800030 and K-800031. Required at least 4-wire installation.



## bimetallic room thermostat

GROUP: A

Version	*	Code	Packing	JM	Price EUR/JM
230V		0.6106	1/25	pc	
230V / 24V		0.6107	1/25	pc	

**Caution:**

The thermostat is compatible with servomotors code K-600700 and K-600701 by means of strips code B2012, B2022, B4012, B4022. Thermostat 0.6106 - 3-wire. Thermostat 0.6107 - 2-wire.



## week controller

GROUP: A

	*	Code	Packing	JM	Price EUR/JM
		K-800201	1	pc	

**Caution:**

Controller with battery power supply. Required at least 2-wire installation.



## week controller with floor temperature sensor

GROUP: A

	*	Code	Packing	JM	Price EUR/JM
		TH232-AF-230	1	pc	

**Caution:**

Flush-mounted. Required at least 3-wire installation.



## terminal block for underfloor heating 230V

GROUP: A

	*	Code	Packing	JM	Price EUR/JM
230V		B2012	1	pc	
230V with pump module		B2022	1	pc	

**Caution:**

The terminal block is applied to connect servomotors with thermostats 230V. Additionally, the terminal block with pump module turns off the pump when all servomotors are closed.



## terminal block for underfloor heating 24V

GROUP: A

Version	*	Code	Packing	JM	Price EUR/JM
24V		B4012	1	pc	
24V with pump module		B4022	1	pc	

**Caution:**

The terminal block is applied to connect servomotors with thermostats 24V. Additionally, the terminal block with pump module turns off the pump when all servomotors are closed. The 24V terminal block has no transformer



\* on request (delivery time up to 4 weeks)

\*\* availability by individual arrangements

\*\*\* till stock ends

**terminal block heating/cooling with pump module Basic 230V  
(without power cord)**

**GROUP: A**

	*	Code	Packing	JM	Price EUR/JM
		K-800030	1	pc	



**terminal block heating/cooling with pump module  
Basic 24V (without power adapter)**

**GROUP: A**

	*	Code	Packing	JM	Price EUR/JM
		K-800031	1	pc	



**power adapter 230V - 24V for Basic terminal block**

**GROUP: A**

	*	Code	Packing	JM	Price EUR/JM
		K-800310	1	pc	

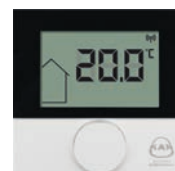


## Smart - automatics

**room thermostat with LCD display**

**GROUP: A**

Version	*	Code	Packing	JM	Price EUR/JM
without floor sensor		K-800004	1	pc	
with floor sensor		K-800005	1	pc	



**230V terminal block with LAN module**

**GROUP: A**

Version	*	Code	Packing	JM	Price EUR/JM
up to 4 room thermostats and 6 servomotors		K-800007	1	pc	
up to 8 room thermostats and 12 servomotors		K-800009	1	pc	
up to 12 room thermostats and 18 servomotors		K-800016	1	pc	



**24V terminal block with LAN module and power converter**

**GROUP: A**

Version	*	Code	Packing	JM	Price EUR/JM
up to 4 room thermostats and 6 servomotors		K-800008	1	pc	
up to 8 room thermostats and 12 servomotors		K-800010	1	pc	
up to 12 room thermostats and 18 servomotors		K-800018	1	pc	



**actuator 230V**

**GROUP: A**

Version	*	Code	Packing	JM	Price EUR/JM
NC type		K-800011	1	pc	
NO type	*	K-800012	1	pc	



\* on request (delivery time up to 4 weeks)

\*\* availability by individual arrangements

\*\*\* till stock ends

## actuator 24V

GROUP: A

Version	*	Code	Packing	JM	Price EUR/JM
NC type		K-800013	1	pc	
NO type	*	K-800014	1	pc	



## external antenna

GROUP: A

	*	Code	Packing	JM	Price EUR/JM
		K-800020	1	pc	

Set includes 5 m cable.



## repeater

GROUP: A

	*	Code	Packing	JM	Price EUR/JM
		K-800022	1	pc	

Set includes 230V power converter.



# Additional accessories

## servomotor SMART adapter

GROUP: A

Version	*	Code	Packing	JM	Price EUR/JM
Adapter M28×1,5		K-800019	20/160	pc	

**Caution:**

Use adapter M28×1.5 for valves mounted in manifolds 71A, 73A, 75A and 77A System KAN-therm with servomotors K-600700, K-600701 and K-800011, K-800012, K-800013, K-800014.



## servomotor adapter

GROUP: A

Version	*	Code	Packing	JM	Price EUR/JM
Adapter M30×1,5		K-600702	20/300	pc	

**Caution:**

Use adapter M30×1.5 for thermostatic valves mounted in manifolds series 73A and 77A, and for thermostatic valves in pump groups codes K-803000, K-803001 and K-803002.

Use adapter with servomotor SMART codes: K-800011, K-800012, K-800013, K-800014.



## four-way H 6 valve 1" with by-pass

GROUP: A

	*	Code	Packing	JM	Price EUR/JM
	*	014001	1	pc	



## Mixer with four-way valve - KAN Bloc T - 60 Delta HE 55 with insulation

GROUP: A

	*	Code	Packing	JM	Price EUR/JM
	*	010454	1	pc	

**Caution:**

Valve insulation included.



## SM 4 servomotor

GROUP: A

	*	Code	Packing	JM	Price EUR/JM
	*	004002	1	pc	

### Caution:

The servomotor allows to use automatic control of mixing unit with four-way valve KAN-Bloc with weather controller, or using boiler automatics (boiler automatics has to have possibility to control an additional mixing circuit).



## whether controller indented for on wall assembly

GROUP: A

	*	Code	Packing	JM	Price EUR/JM
	*	002187N	1	pc	

### Caution:

Apply for controlling and mixing unit with four way valve KAN-Bloc with SM4 servomotor (code 004002). The controller set includes external temperature sensor (APS), supply temperature pad sensor (VFAS), controlling mounting plate (assembly on wall).



## room temperature sensor with remote control and LCD screen

GROUP: A

	*	Code	Packing	JM	Price EUR/JM
	*	002160N	1	pc	

### Caution:

Room temperature sensor is provided as an additional equipment for weather week controller code 002187N.



## pump thermal switch

GROUP: A

	*	Code	Packing	JM	Price EUR/JM
	*	K-801800	1	pc	



## underfloor heating unit with valve, thermostatic head and vent pcs. in one Code

GROUP: A

	*	Code	Packing	JM	Price EUR/JM
		K-801300	1	pc	



## ice cover controller

GROUP: A

	*	Code	Packing	JM	Price EUR/JM
		K-802305	1	pc	

### Caution:

Controller requires snow and ice sensor.



## snow and ice sensor with 15 m cord

GROUP: A

	*	Code	Packing	JM	Price EUR/JM
		K-802304	1	pc	

### Caution:

Snow and ice sensor works with ice cover controller to heat open surfaces code K-802305.

