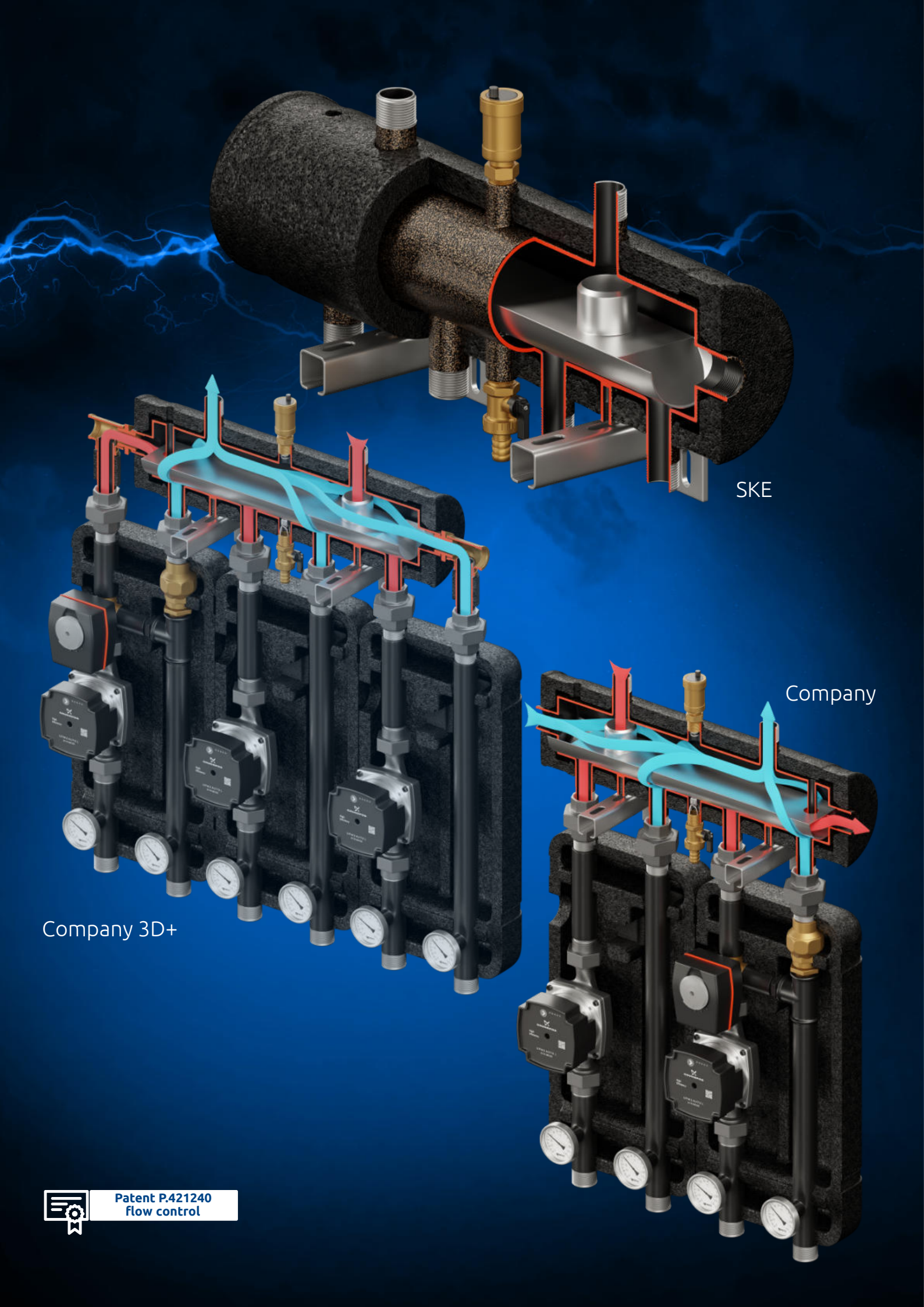


Distribution low loss  
headers **SKE** and  
hydraulic sets **Company**

version 2023.07



SKE

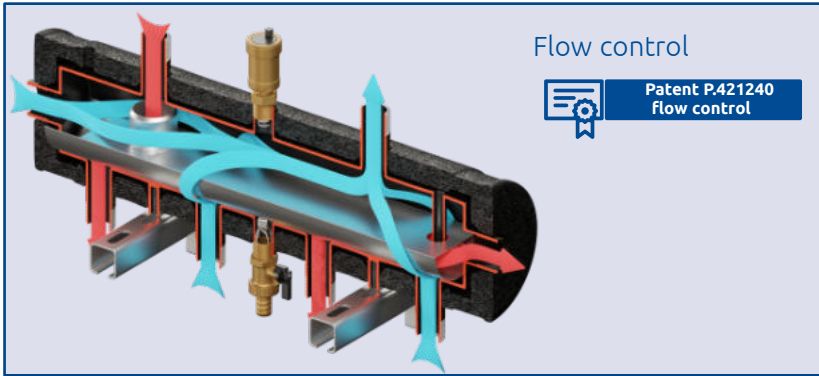
Company

Company 3D+

 Patent P.421240  
flow control



**In price**



Flow control

Patent P421240  
Flow control



Flow control

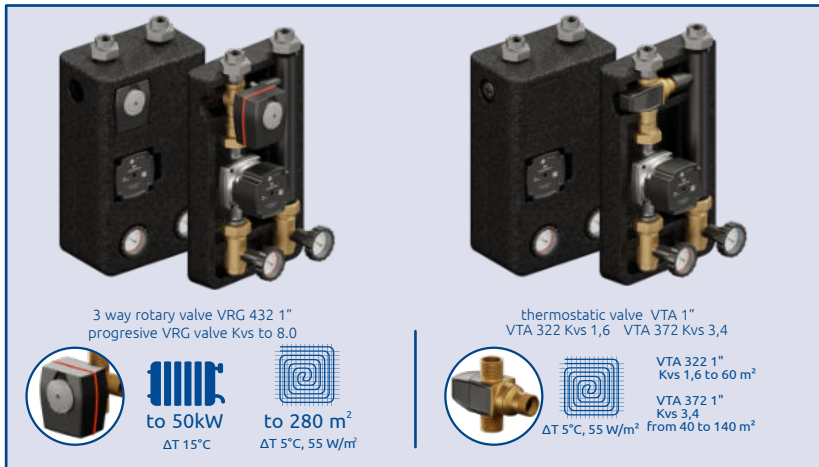
adapter set

air vent, drain valve

magnetic separator

EPP insulation

**Compatible with pump groups**



3 way rotary valve VRG 432 1"  
progressive VRG valve Kvs to 8.0

thermostatic valve VTA 1"  
VTA 322 Kvs 1,6 VTA 372 Kvs 3,4



to 50kW  
 $\Delta T$  15°C

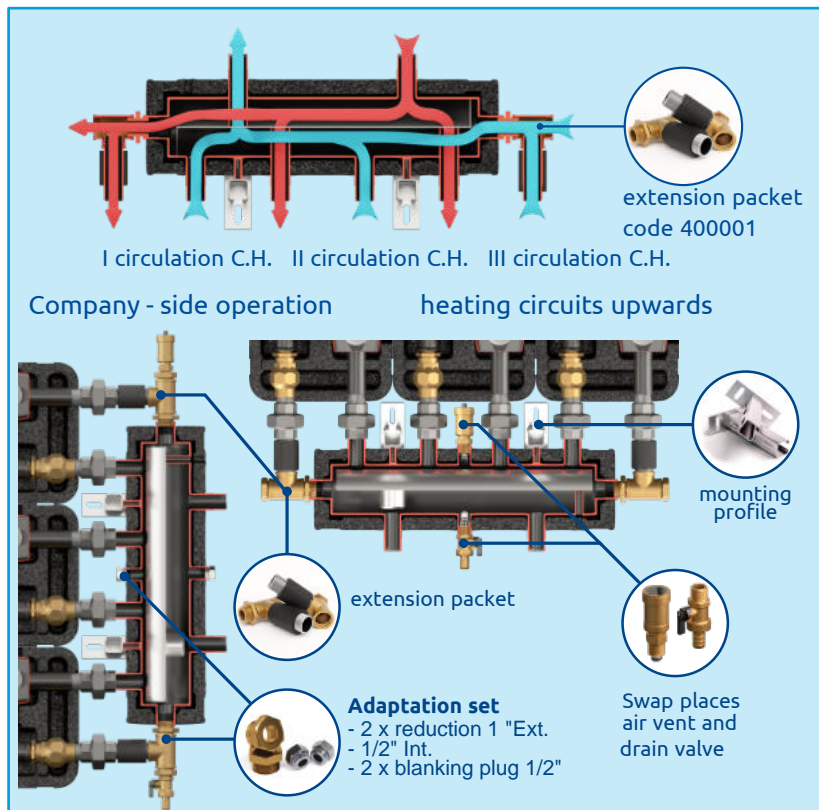


to 280 m<sup>2</sup>  
 $\Delta T$  5°C, 55 W/m<sup>2</sup>



VTA 322 1"  
Kvs 1,6 to 60 m<sup>2</sup>  
VTA 372 1"  
Kvs 3,4  
from 40 to 140 m<sup>2</sup>  
 $\Delta T$  5°C, 55 W/m<sup>2</sup>

**OPTION III CIRCULATION**



I circulation C.H. II circulation C.H. III circulation C.H.

Company - side operation

heating circuits upwards

extension packet  
code 400001

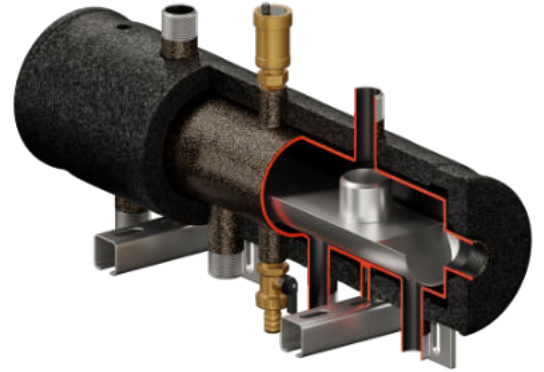
mounting profile

extension packet

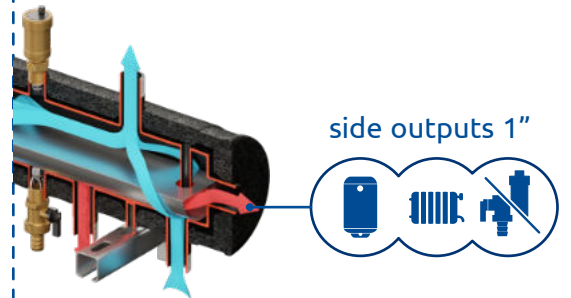
**Adaptation set**  
- 2 x reduction 1" Ext.  
- 1/2" Int.  
- 2 x blanking plug 1/2"

Swap places  
air vent and  
drain valve

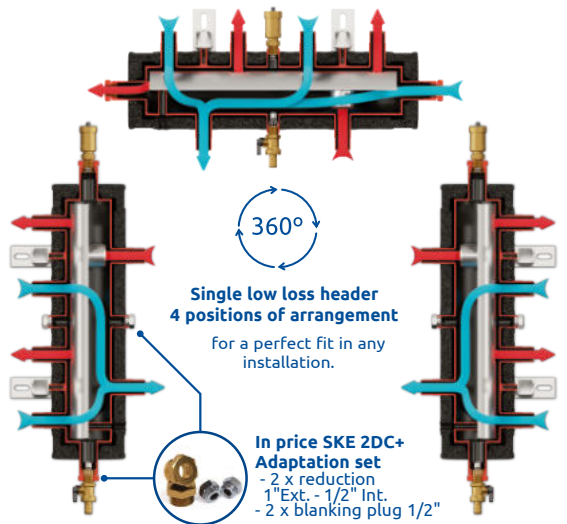
**SKE 2DC+ Condens**



SKE 2DC+ Condens	55 kW	90 kW
product code	432055	432090
max flow rate	2,3 m <sup>3</sup> /h	4,0 m <sup>3</sup> /h
max power at $\Delta T = 20$	to 55 kW	to 90 kW



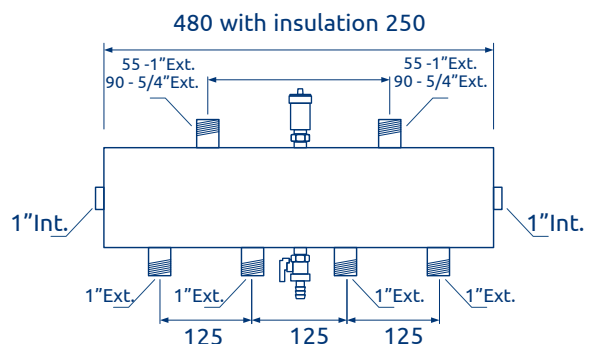
side outputs 1"










360°

**Single low loss header**  
4 positions of arrangement  
for a perfect fit in any installation.

**In price SKE 2DC+ Adaptation set**  
- 2 x reduction 1" Ext. - 1/2" Int.  
- 2 x blanking plug 1/2"








**In price included**

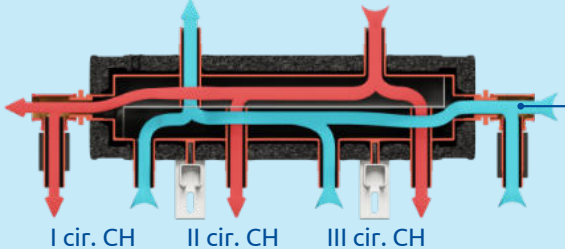
 <p><b>Measuring tube</b> Essential for correct measurement temperature</p>	 <p><b>Mounting profile</b> Easy wall mounting</p>
 <p><b>Air vent</b> Guarantees safe venting</p>	 <p><b>Flow Control</b> Guarantee equal hot water consumption for both pump groups</p>
 <p><b>Adapter set</b> Included with SKE - allows operation in 4 positions - 360°</p>	 <p><b>SMART neodymium magnetic separator</b> Captures ferromagnetic impurities in the central heating system.</p>
 <p><b>EPP insulation</b> Minimises heat loss</p>	

**Choice of 4 types of pump groups**


3-way rotary valve VRG 432  
1" + servo motor ARA  
progressive VRG valve Kvs to 8.0

 <p>to 50kW <math>\Delta T</math> 15°C</p>	 <p>to 280 m<sup>2</sup> <math>\Delta T</math> 5°C, 55 W/m<sup>2</sup></p>	 <p>thermostatic valve VTA 322 1" Kvs 1,6 to 60 m<sup>2</sup> <math>\Delta T</math> 5°C 55 W/m<sup>2</sup></p>
 <p>Directly Universal</p>	 <p>thermostatic valve VTA 372 1" Kvs 3,4 from 40 to 140 m<sup>2</sup> <math>\Delta T</math> 5°C 55 W/m<sup>2</sup></p>	

**OPTION III CIRCULATION**

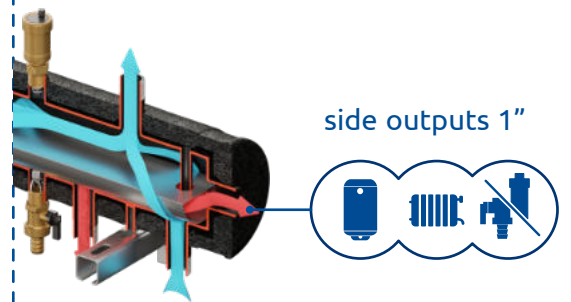
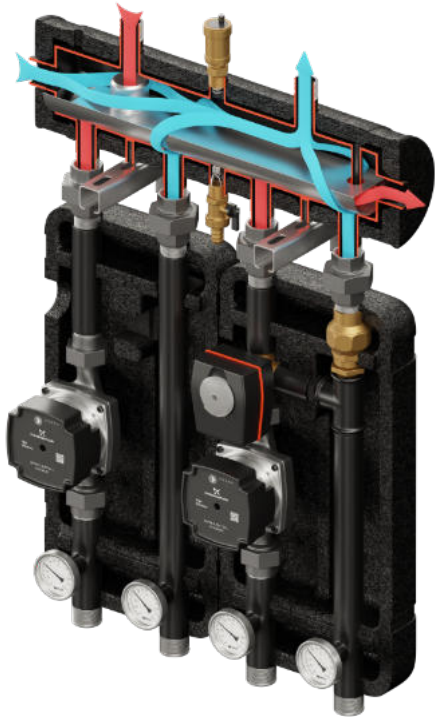


I cir. CH    II cir. CH    III cir. CH



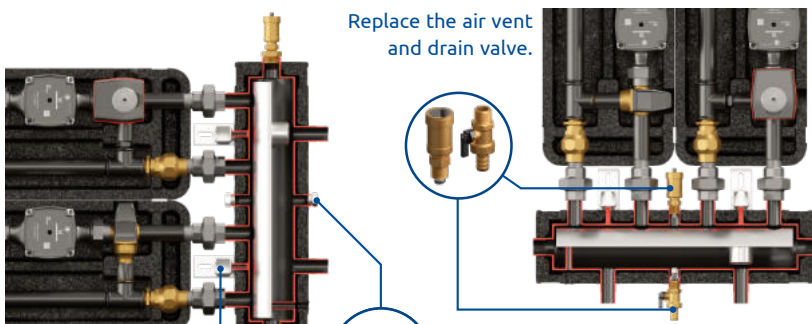
extension packet code 400001

Company




Company - side work


heating circuits upwards



Replace the air vent and drain valve.











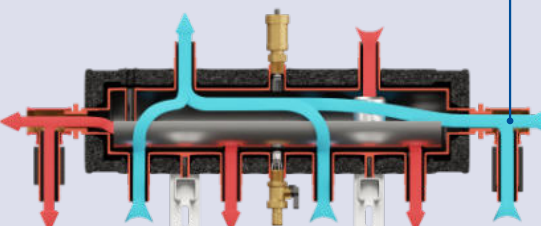
**In Company price Adapter set**  
- 2 x reduction 1" Ext. - 1/2" Int.  
- 2 x blanking plug 1/2"



Mounting profile

## In price included

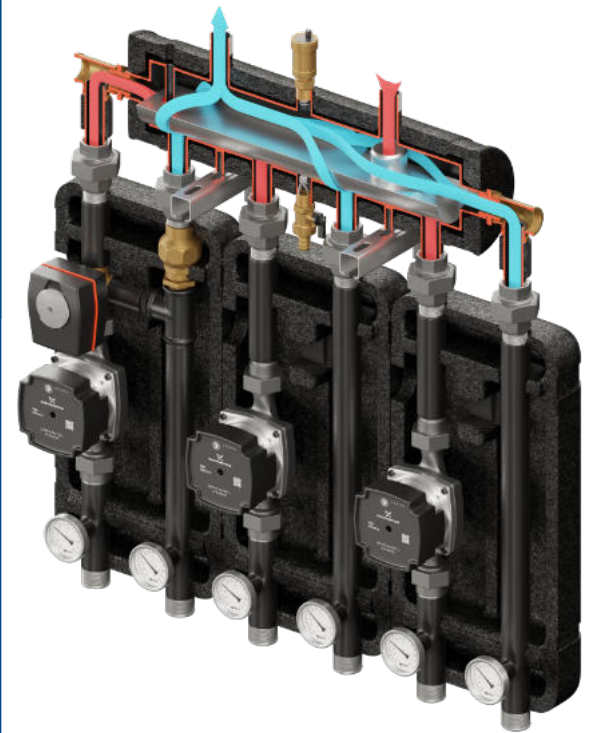
 <b>Measuring tube</b> Essential for correct measurement temperature	 <b>Mounting profile</b> Easy wall mounting
 <b>Air vent</b> Guarantees safe venting	 <b>Flow Control</b> Guarantee equal hot water consumption for both pump groups
 <b>Adapter set</b> Included with SKE - allows operation in 4 positions - 360°	 <b>SMART neodymium magnetic separator</b> Captures ferromagnetic impurities in the central heating system.
 <b>EPP insulation</b> Minimises heat loss	 <b>Extension packet</b>



I cir. CH    II cir. CH    III cir. CH






extension packet code 400001


## Company 3D+






## Choice of 4 types of pump groups

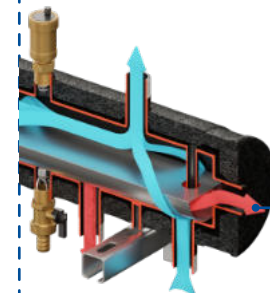
3-way rotary valve VRG 432  
1" + servo motor ARA  
progressive VRG valve Kvs to 8.0

					thermostatic valve VTA 322 1" Kvs 1,6 to 60 m <sup>2</sup> $\Delta T$ 5°C 55 W/m <sup>2</sup>
to 50kW $\Delta T$ 15°C	to 280 m <sup>2</sup> $\Delta T$ 5°C, 55 W/m <sup>2</sup>				thermostatic valve VTA 372 1" Kvs 3,4 from 40 to 140 m <sup>2</sup> $\Delta T$ 5°C 55 W/m <sup>2</sup>




**UNI** Directly Universal

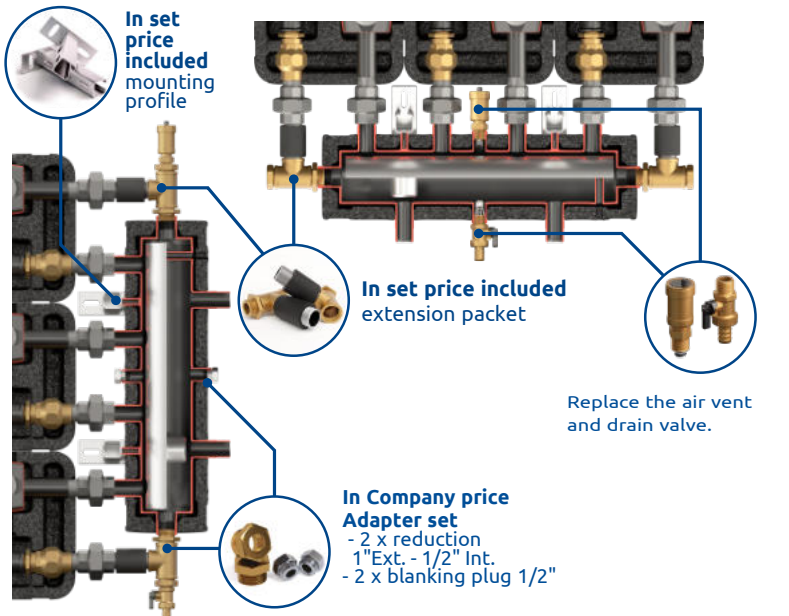
pump Grundfos	pump LFP	without pump
		



side outputs 1"



## Company - side work



**In set price included**  
mounting profile

**In set price included**  
extension packet

Replace the air vent and drain valve.

**In Company price**  
**Adapter set**  
- 2 x reduction  
1" Ext. - 1/2" Int.  
- 2 x blanking plug 1/2"



## Company 2D+ VRG 432 + ARA

## Company 2D+ VTA 322



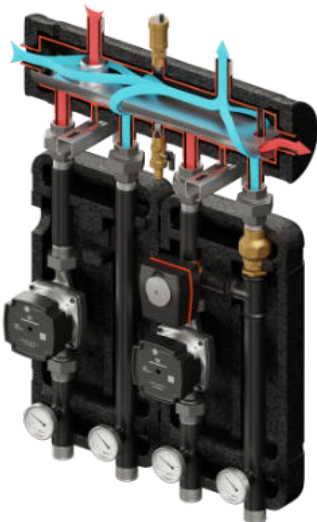
to 50kW  
ΔT 15°C

to 280 m<sup>2</sup>  
ΔT 5°C, 55 W/m<sup>2</sup>



ΔT 5°C 55 W/m<sup>2</sup>

VTA 322 1"  
Kvs 1,6 to 60 m<sup>2</sup>



Kvs 8,0  
rotary valve +  
servo motor



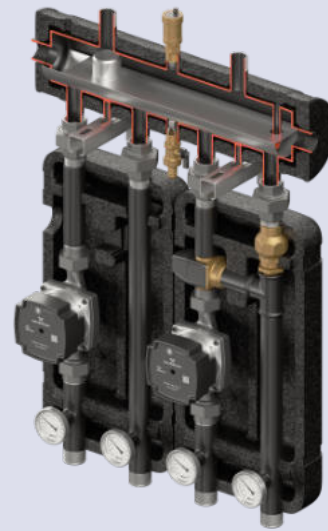
855480



855460



855410



Kvs 1,6  
thermostatic  
valve



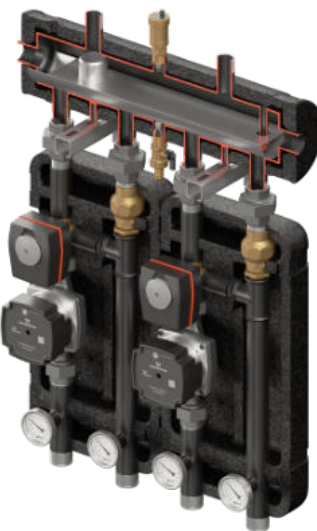
855370



855350



855300



Kvs 8,0  
rotary valve +  
servo motor



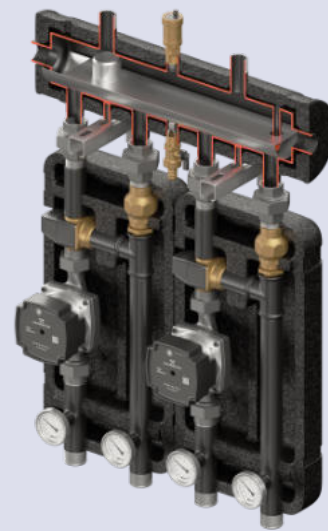
855484



855464



855414



Kvs 1,6  
thermostatic  
valve



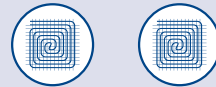
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855353

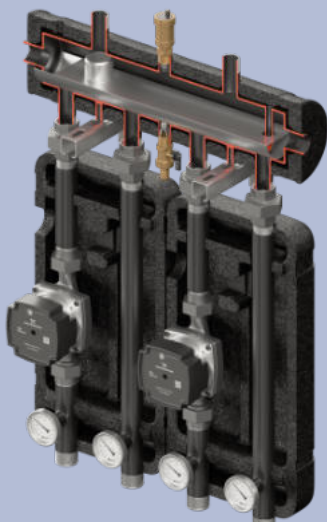


855303



UNI

Directly  
Universal



855070



855050



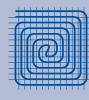
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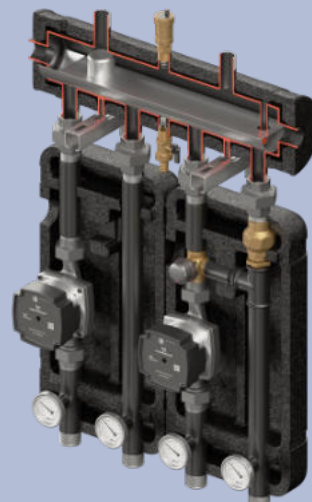
x2  
option  
low CH  
operation  
parameter.



to 50kW  
ΔT 15°C



to 280 m<sup>2</sup>  
ΔT 5°C, 55 W/m<sup>2</sup>



855470



855450



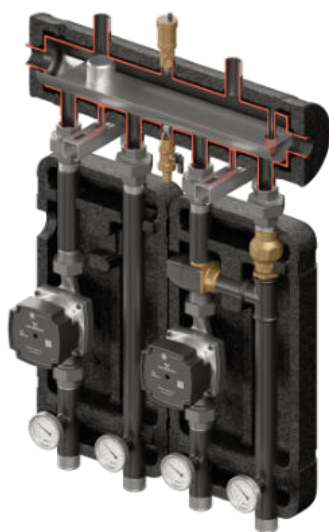
855400





$\Delta T 5^{\circ}C 55 W/m^2$

VTA 372 1"  
Kvs 3,4  
from 40 to 140 m<sup>2</sup>



Kvs 3,4  
thermostatic  
valve



855570



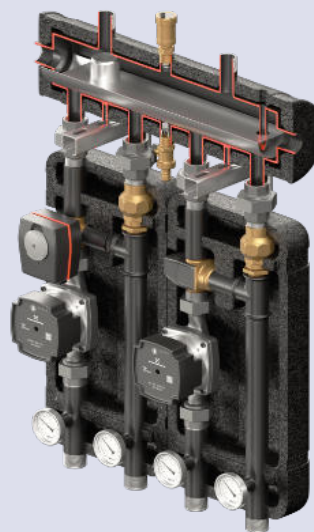
855550



855500



+



Kvs 1,6  
thermostatic  
valve



Kvs 8,0 rotary  
valve + servo  
motor



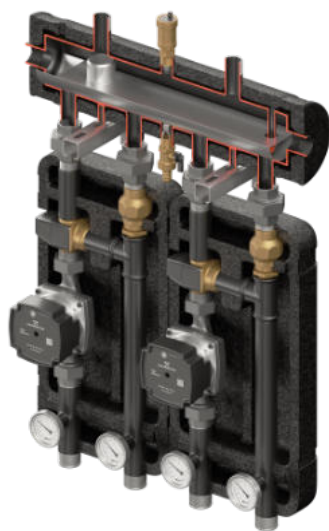
855384



855364



855314



Kvs 3,4  
thermostatic  
valve



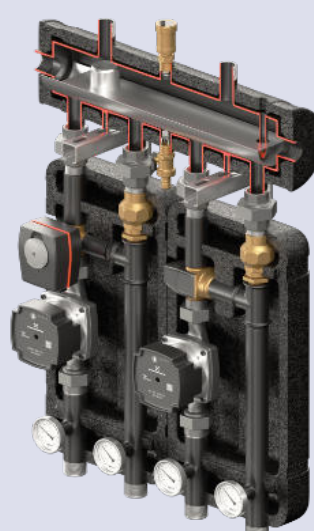
855575



855555



855505



Kvs 3,4  
thermostatic  
valve



Kvs 8,0 rotary  
valve + servo  
motor



855584



855564



855514



Legend:



pump  
Grundfos



underfloor  
heating  
circuits



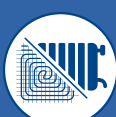
pump  
LFP



radiator  
heating  
circuits



without  
pump



underfloor  
heating and  
radiator circuit

Hydraulic fitting configurators



To pumps set  
**Company  
Squadron**  
on 2 & 3 circuits

mobile



For low loss headers  
**SHE-OC i CD**  
For manifolds  
2D+, 3D+, KRE

see on website  
[www.elfterm.pl](http://www.elfterm.pl)





## Company 3D+ VRG 432 + ARA

## Company 3D+ VTA 322



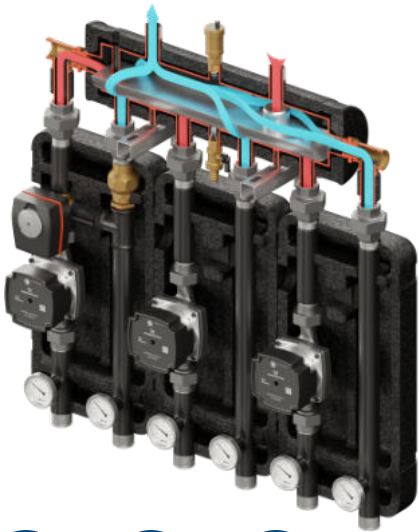
to 50kW  
 $\Delta T$  15°C

to 280 m<sup>2</sup>  
 $\Delta T$  5°C, 55 W/m<sup>2</sup>



$\Delta T$  5°C 55 W/m<sup>2</sup>

VTA 322 1"  
Kvs 1,6 to 60 m<sup>2</sup>



Kvs 8,0  
rotary valve +  
servo motor



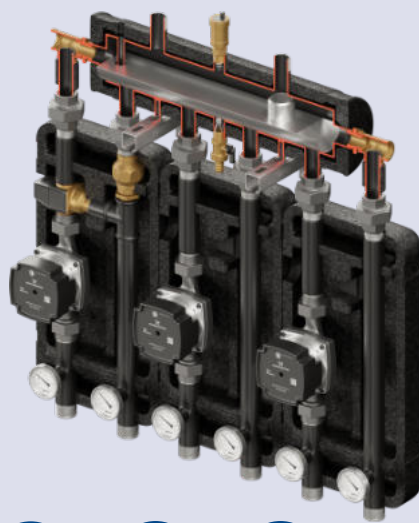
859004



858004



857004



Kvs 1,6  
thermostatic  
valve



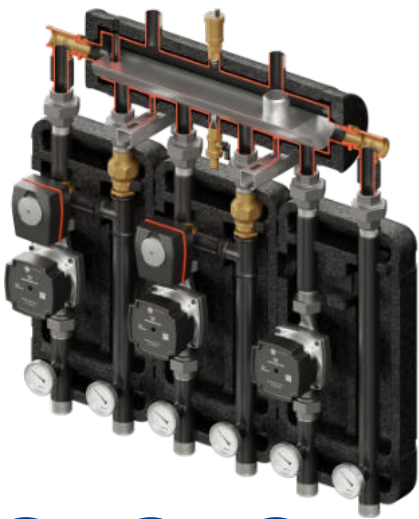
859003



858003



857003



Kvs 8,0  
rotary valve +  
servo motor



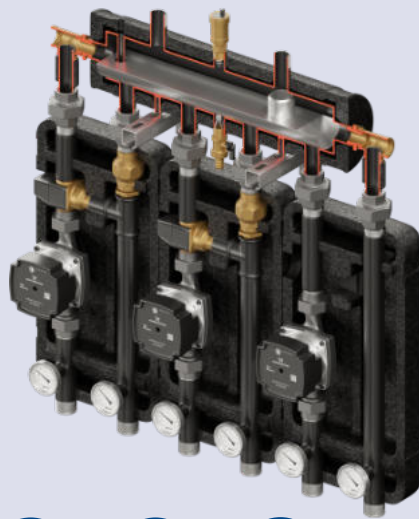
859044



858044



857044



Kvs 1,6  
thermostatic  
valve



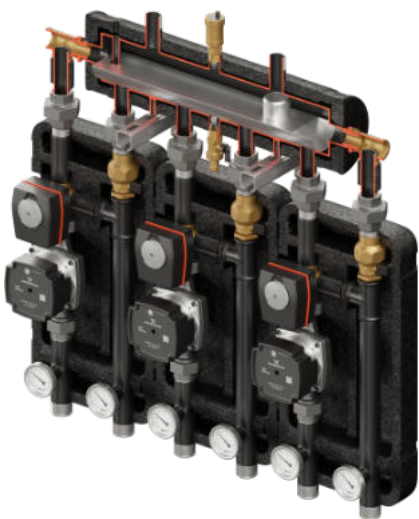
859033



858033



857033



Kvs 8,0  
rotary valve +  
servo motor



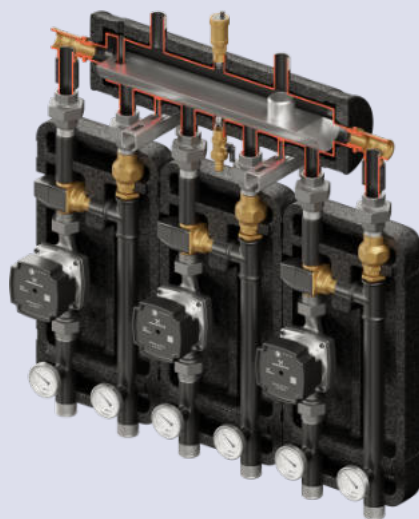
859444



858444



857444



Kvs 1,6  
thermostatic  
valve



859333



858333



857333





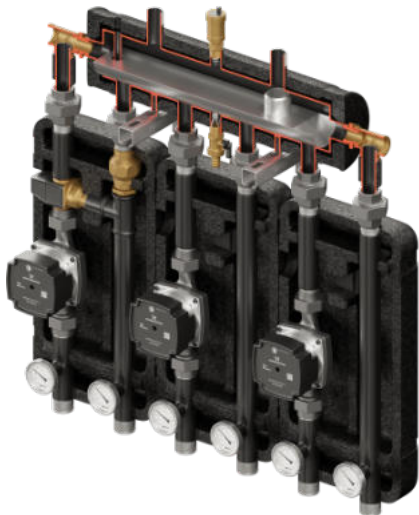


$\Delta T 5^{\circ}C 55 W/m^2$

VTA 322 1"  
Kvs 1,6 to 60 m<sup>2</sup>



Directly  
Universal



Kvs 3,4  
thermostatic  
valve



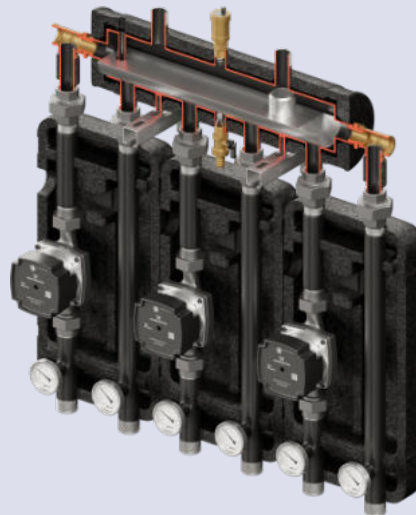
859005



858005



857005



859005



858005



857005



Legend:



pump  
Grundfos



underfloor  
heating  
circuits



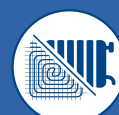
pump  
LFP



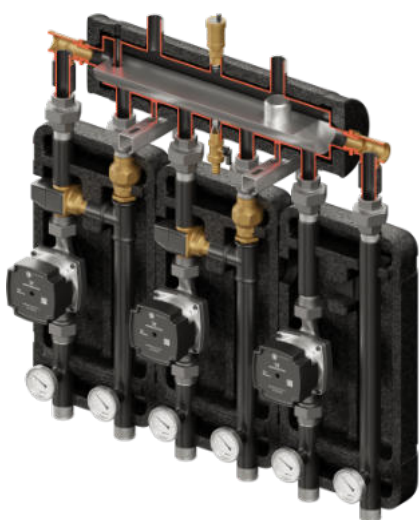
radiator  
heating  
circuits



without  
pump



underfloor  
heating and  
radiator circuit



Kvs 3,4  
thermostatic  
valve



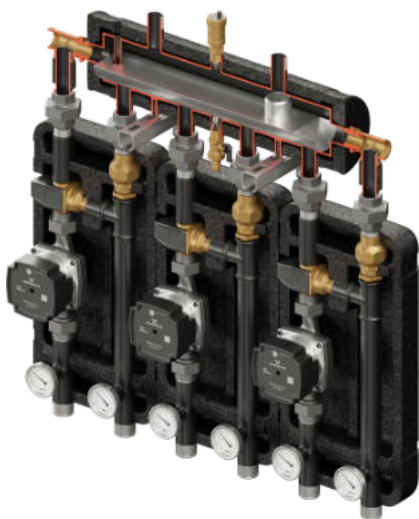
859055



858055



857055



Kvs 3,4  
thermostatic  
valve



859555



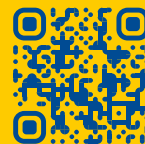
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857555

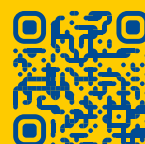


Hydraulic fitting configurators



To pumps set  
**Company  
Squadron**  
on 2 & 3  
circuits

mobile



For low loss headers  
**SHE-OC i CD**  
For manifolds  
2D+, 3D+, KRE

see on website  
[www.elterm.pl](http://www.elterm.pl)

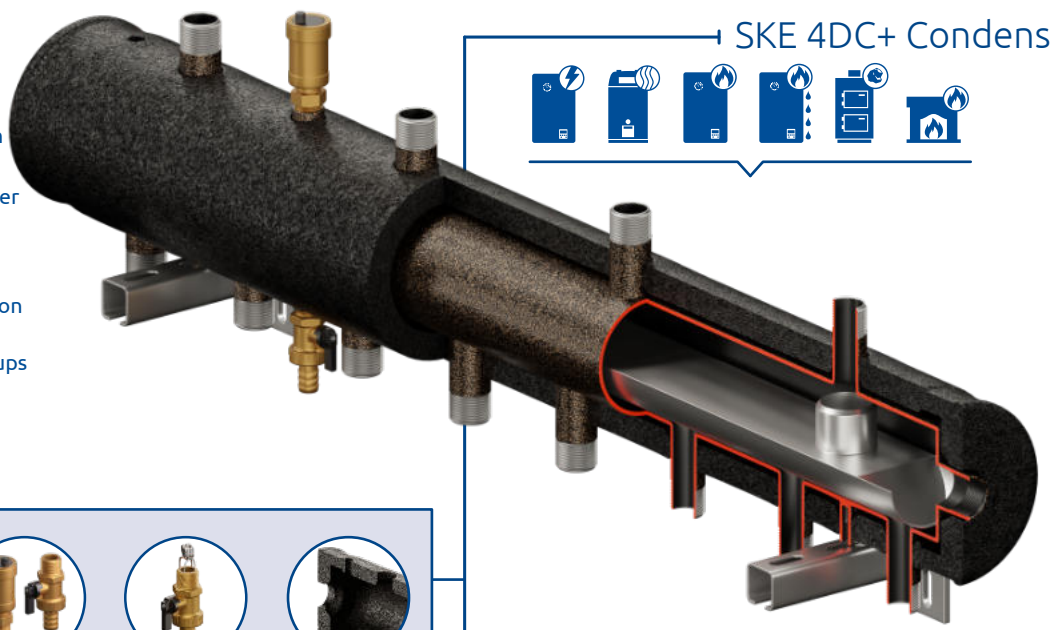


# SKE 4DC+ 96 kW (2x48) distribution low loss header with adapter set

**Patent P.421240**  
flow control

The most advanced technically distribution low loss header in Poland.

- maintains the high efficiency of the boiler condensing boiler and heat pump
- minimises the return of hot water directly to the heat source
- It also guarantees even water consumption hot water through the pump groups
- allows the assembly of several pump groups with any mixing valve
- INOX flow controller
- to work with 1 or 2 heat source



### Compatible with pump groups

3-way rotary valve VRG 432 1" progressive VRG valve  
Kvs to 8,0

to 50kW  
ΔT 15°C

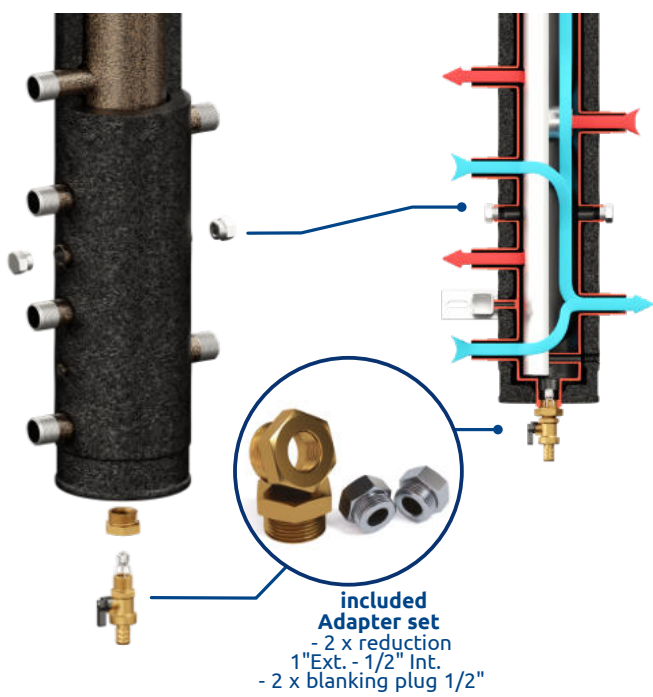
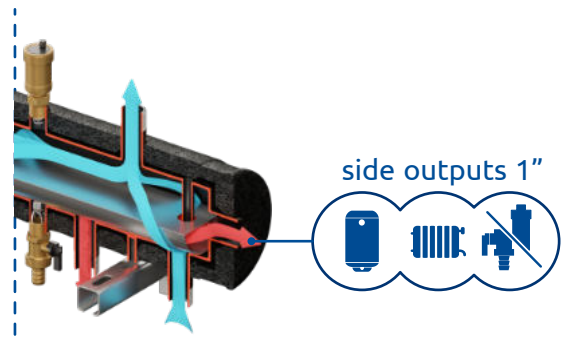
to 280 m<sup>2</sup>  
ΔT 5°C, 55 W/m<sup>2</sup>

thermostatic valve VTA 1" VTA 322 Kvs 1,6 VTA 372 Kvs 3,4

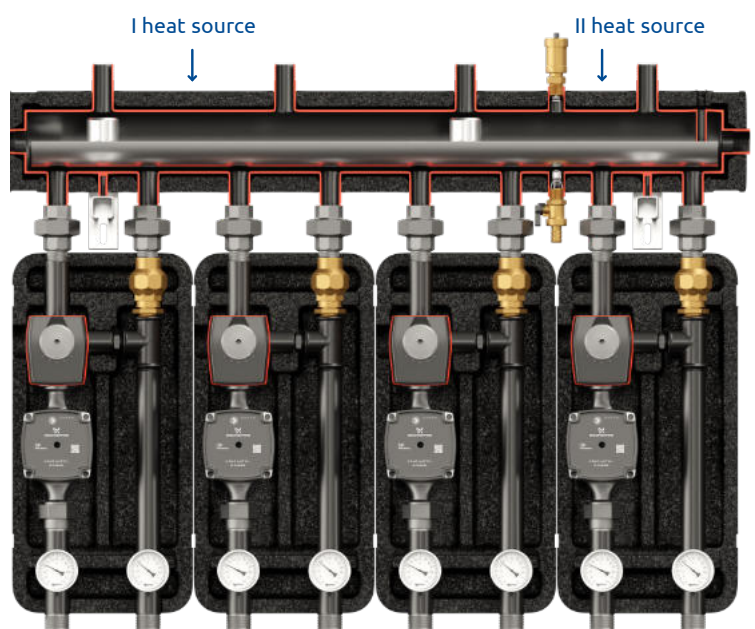
VTA 322 1" Kvs 1,6 to 60 m<sup>2</sup>

VTA 372 1" Kvs 3,4 ΔT 5°C, 55 W/m<sup>2</sup> From 40 to 140 m<sup>2</sup>

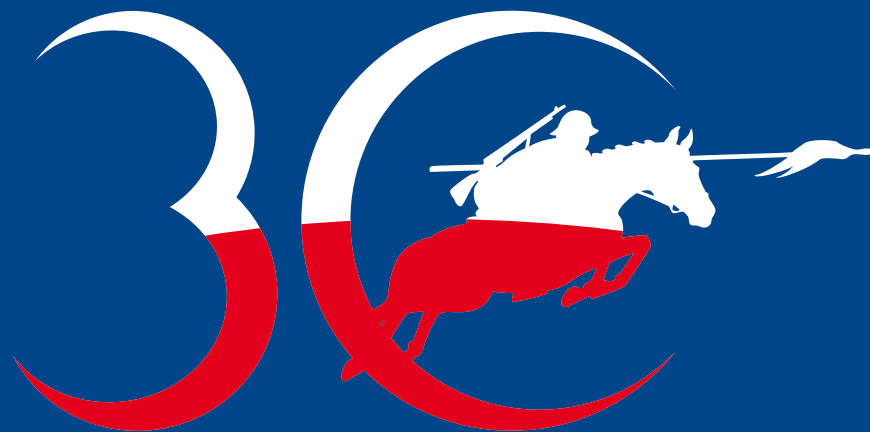
SKE 4DC+ Condens 96 kW	
product code	434096
max flow	4,0 m <sup>3</sup> /h
max power by ΔT = 20K	to 2 x 48 kW



### Example set: SKE 4DC+ Condens 96 kW + 4 x pump group Elterm







**YEARS ELTERM<sup>®</sup>**

ELTERM M.M.  
Kaszuba Sp. J.  
POLSKA, 86-200  
Chełmno ul.  
Przemysłowa 5

[www.elterm.pl](http://www.elterm.pl)  
office: [biuro@elterm.pl](mailto:biuro@elterm.pl)  
service: [serwis@elterm.pl](mailto:serwis@elterm.pl)

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