

Climate  
Control

IMI Heimeier

# Connection solutions for floor heating manifolds



## Connection solutions for floor heating manifolds




---

### Connection kits for floor heating manifolds

The following manifold connection kits are available;

Connection kit 1 with Globo ball valves.

Connection kit 2 with STAD balancing valve and Globo ball valve.

Connection kit 3 with Zeparo Vent air separator in supply pipe and Zeparo Dirt sludge separator in return.

Connection kit 4 with Globo ball valve, including spacer for heat meter in return and Globo ball valve with connection for direct measurement in supply and return pipe.

Connection kit 5 fixed valve control station with high-efficiency pump for controlling the supply temperature.

Connection kit with ball valves, straight connection, including spacer for heat meter in return. Ball valves with connection M10x1 for direct measurement in supply and return.

Connection kit with ball valves, angle connection, including spacer for heat meter in return. Ball valves with connection M10x1 for direct measurement in supply and return.

Connection kit TA-COMPACT-P, vertical sets for flow control, incl. pipe piece for heat meter

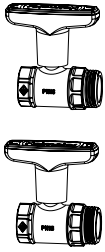
Connection kit TA-COMPACT-P, horizontal sets for flow control, incl. pipe piece for heat meter

Connection kit TA-COMPACT-DP vertical sets for differential pressure control, incl. pipe piece for heat meter

Connection kit TA-COMPACT-DP horizontal sets for differential pressure control, incl. pipe piece for heat meter

Thermostatic mixing valve for radiant heating - pump connection with ball valve

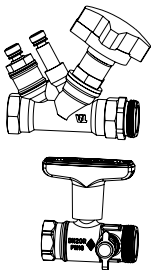
## Articles



### Connection kit 1 with Globo ball valves, DN 20

with red end cap in supply and blue end cap in return.

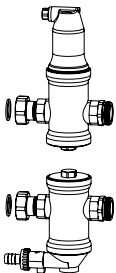
Kvs	EAN	Article No
9,90	4024052770816	9339-01.800



### Connection kit 2 with STAD balancing valve and Globo ball valve, DN 20

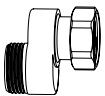
including measuring nipple for measuring differential pressure and flow rate.

Kvs	$q_{\max}$ [m <sup>3</sup> /h]	EAN	Article No
5,28	2,00	4024052775316	9339-02.800



### Connection kit 3 with Zeparo Vent air separator in supply and Zeparo Dirt sludge separator in return, DN 20

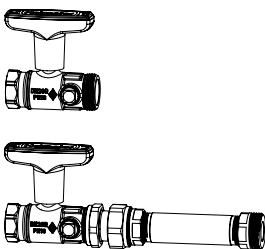
Kvs	$q_{\max}$ [m <sup>3</sup> /h]	EAN	Article No
6,72	1,25	4024052775415	9339-03.800



### S-connection

For connection kit 3. Installation aid for return in manifold boxes.

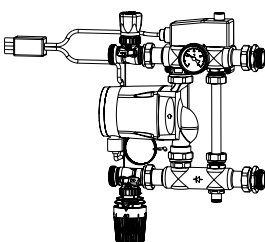
EAN	Article No
4024052775712	9339-00.362



### Connection kit 4 with Globo ball valve DN 20, including spacer for heat meter in return

Globo ball valve with connection G1/4 for direct measurement in supply and return.

Kvs	EAN	Article No
9,90	4024052775613	9339-04.800



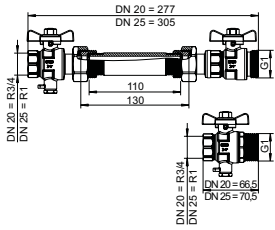
### Connection kit 5, fixed value control station

with high-efficiency pump Grundfos Alpha 2 15 - 60 130, thermostatic valve with contact sensor and electrical pipe contact safety switch 230V, 15A.

Minimum installation depth manifold boxes: 125 mm.

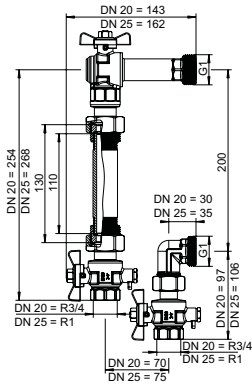
Setting range thermostatic head	Setting range electrical pipe-contact sensor	EAN	Article No
20 - 50°C	10 - 90°C	4024052775514	9339-05.800

Kvs = m<sup>3</sup>/h at a pressure drop of 1 bar and fully open valve.



**Connection kit with ball valves, straight connection, including spacer for heat meter in return. Ball valves with connection M10x1 for direct measurement in supply and return.**

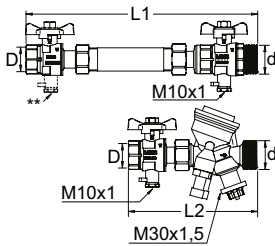
DN	Kvs	EAN	Article No
20	7	5902276804830	9339-04.830
25	7	5902276804847	9339-04.832



**Connection kit with ball valves, angle connection, including spacer for heat meter in return. Ball valves with connection M10x1 for direct measurement in supply and return.**

DN	Kvs	EAN	Article No
20	4,6	5902276804854	9339-04.831
25	4,6	5902276804861	9339-04.833

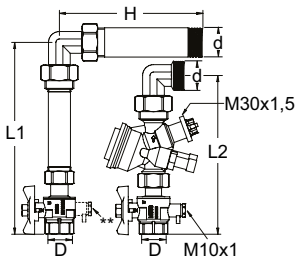
Kvs = m<sup>3</sup>/h at a pressure drop of 1 bar and fully open valve.



**Connection kit TA-COMPACT-P, horizontal sets for flow control, incl. pipe piece for heat meter**

Pipe threads according to ISO 228.

DN *	D	d	L1	L2	q <sub>max</sub> [l/h]	Kg	EAN	Article No
15	G3/4	G1	266	150	470	1,9	5902276898327	326040-10401
20	G3/4	G1	266	148	1150	2,0	5902276898341	326040-10501
25 **	G1	G1	298	201	2150	3,0	5902276898365	326040-10601



**Connection kit TA-COMPACT-P, vertical sets for flow control, incl. pipe piece for heat meter**

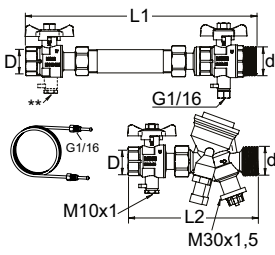
Pipe threads according to ISO 228.

DN *	D	d	L1	L2	H	q <sub>max</sub> [l/h]	Kg	EAN	Article No
15	G3/4	G1	220	182	165	470	2,3	5902276898310	326040-10400
20	G3/4	G1	220	180	165	1150	2,5	5902276898334	326040-10500
25 **	G1	G1	236	209	165	2150	3,1	5902276898358	326040-10600

\*) DN refers to TA-COMPACT-P

\*\*) DN 25, ball valve with connection M10x1

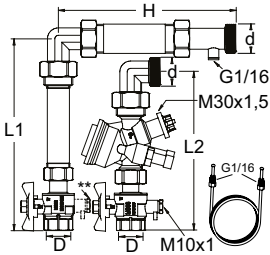
q<sub>max</sub> = l/h at each setting and fully open valve plug.



**Connection kit TA-COMPACT-DP, horizontal sets for differential pressure control, incl. pipe piece for heat meter**

Pipe threads according to ISO 228.

DN *	D	d	L1	L2	q (bei 10 kPa) [l/h]	Kg	EAN	Article No
15	G3/4	G1	266	150	300	1,9	5902276898389	326040-10403
20	G3/4	G1	266	148	840	2,0	5902276898402	326040-10503
25 **	G1	G1	298	201	1500	3,1	5902276898426	326040-10603



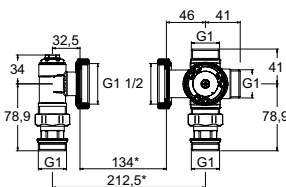
**Connection kit TA-COMPACT-DP, vertical sets for differential pressure control, incl. pipe piece for heat meter**

Pipe threads according to ISO 228.

DN *	D	d	L1	L2	H	q (bei 10 kPa) [l/h]	Kg	EAN	Article No
15	G3/4	G1	220	182	204	300	2,5	5902276898372	326040-10402
20	G3/4	G1	220	180	204	840	2,6	5902276898396	326040-10502
25 **	G1	G1	236	209	204	1500	3,4	5902276898419	326040-10602

\*) DN refers to TA-COMPACT-DP

\*\*) DN 25, ball valve with connection M10x1



**Thermostatic mixing valve for radiant heating**

Pump connection with ball valve

Temperature 25 - 55 °C

DN	Kvs	EAN	Article No
25	3,2	5902276805547	9339-15.800

\*) 130 mm pump + 2x2 mm gasket



The products, texts, photographs, graphics and diagrams in this document may be subject to alteration by IMI without prior notice or reasons being given. For the most up to date information about our products and specifications, please visit [climatecontrol.imiplc.com](http://climatecontrol.imiplc.com).