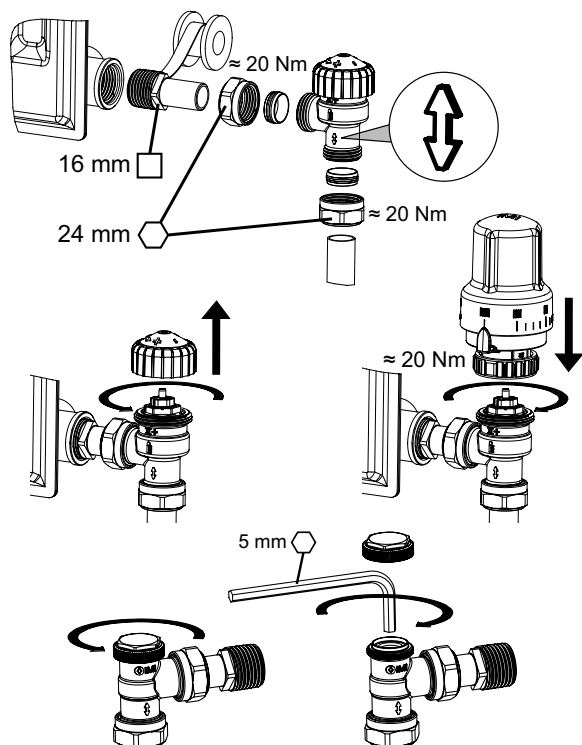


IMI Heimeier

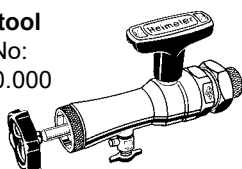
TRV pack Calypso exact GB

Bi-directional thermostatic radiator valve and lockshield

Installation and operating instructions



Fitting tool
Article No:
9721-00.000



Replacement insert
Article No:
3700-24.300



Installation thermostatic radiator valve

The IMI Heimeier Bi-directional thermostatic radiator valve can be fitted either vertically or horizontally in the flow or return and either end of a radiator giving the installer total flexibility. For the best performance we recommend fitting the valve with the head mounted horizontally.

Presetting (Balancing)

For presetting rotate the insert to the number of revolutions. Diagram see datasheet.

Installation thermostatic head

Remove the protection cap from the valve body. Before installing, check that the thermostatic head is turned to number **IIIIII**. Position the thermostatic head onto the thermostatic valve body, screw on and tighten with a rubber jawed wrench (do not overtighten). Adjust the head to the setting you want (see Temperature settings).

Lockshield

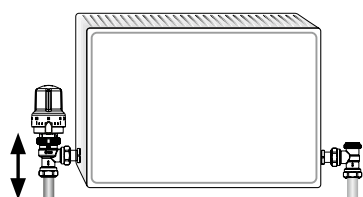
Shut-off

To isolate the lockshield remove the cap and rotate the insert clockwise with a 5 mm allen key.

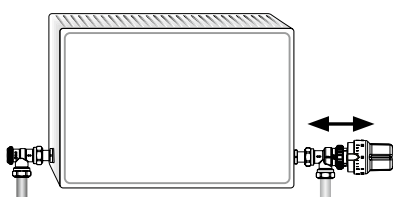
Fitting tool

Replacement of the insert is possible whilst the system is still live by using the IMI Heimeier fitting tool. It is also possible to measure available pressure to retrieve diagnostic information that can also help optimize the system pressures (Article no: 9790-01.890).

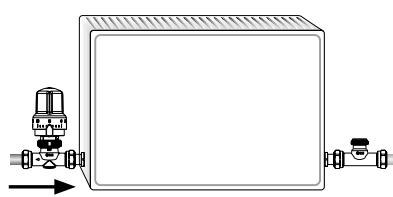
Angle connection



Reversed connection



Straight connection



Function of a thermostatic radiator valve (TRV) – Homeowner guide

TRVs are autonomously operating temperature controllers which do not require any electric power supply or connection or any other kind of external energy. They serve to control the individual room temperature and, thus, save energy.

They consist of the thermostatic head and the thermostatic valve body. The thermostatic head allow different temperature settings which can be limited.

If temperature rises e.g. due to insolation, electric appliances or people in the room, the liquid in the temperature sensor of the thermostatic head will expand and so throttles the water supply to the radiator by means of the valve spindle.

Should the room temperature drop the described procedure will be reversed. Therefore, the thermostatic head only needs actuation in order to change the individual setting of the room temperature (see „Temperature settings“).

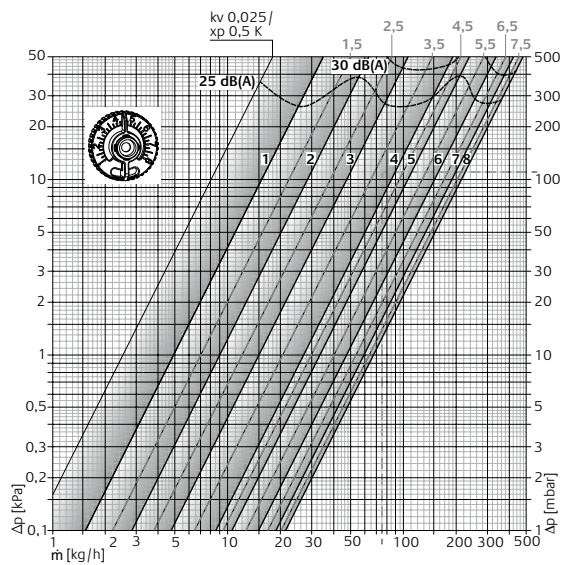
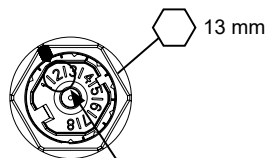
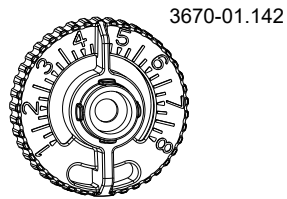
Thermostatic heads may not be covered by curtains, radiator facings, or other obstructions. Otherwise it will not be possible to precisely control the temperature.

TRVs do not control or turn off the boiler. The boiler is controlled by a room thermostat or timers etc..

For further information to your heating system please ask your installer.

We reserve the right to introduce technical alterations without previous notice.

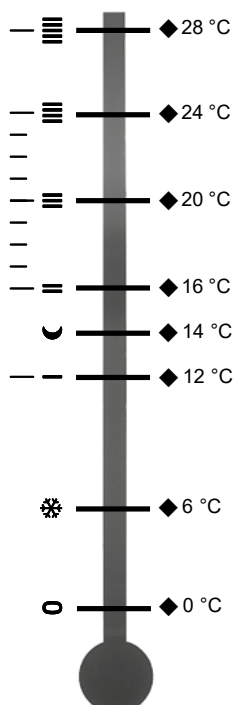
IMI Heimeier



Q [W]		200	250	300	400	500	600	700	800	900	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	3800	4000	4800	5300	6500	6800	8400	9000	12000							
ΔT [K]	Δp [kPa]																																							
10	5	2	3	3	4	4	4	5	5	6	6	6	7	8																										
	10	2	2	2	3	3	4	4	4	4	5	5	6	6	7	7	8	8																						
	15	2	2	2	3	3	3	4	4	4	4	5	5	6	6	6	6	7	7	7	8	8																		
15	5	2	2	2	3	3	4	4	4	4	4	5	6	6	6	7	7	7	8																					
	10	1	1	2	2	3	3	3	4	4	4	4	5	5	6	6	6	6	7	7	7	7	8	8																
	15	1	1	1	2	2	3	3	3	3	3	4	4	4	5	5	6	6	6	6	7	7	7	7	8															
20	5	1	1	2	2	3	3	3	4	4	4	4	5	6	6	6	6	7	7	7	7	8	8																	
	10	1	1	1	2	2	3	3	3	3	3	4	4	4	4	5	5	5	6	6	6	6	6	7	7	7	8	8												
	15	1	1	1	2	2	2	3	3	3	3	3	4	4	4	4	4	5	5	5	5	6	6	6	6	6	7	7	8											
40	5	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	4	4	5	5	5	5	6	6	6	6	6	7	7	8	8									
	10	1	1	1	2	2	2	2	2	3	3	3	3	4	4	4	4	4	4	4	4	4	5	5	5	6	6	6	7	7	7	8								
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100 mbar ≙ 10 kPa ≙ 1 mWS

Temperature settings



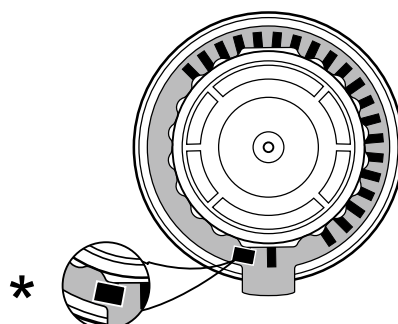
Limiting the setting

Max. temperature limit:

Set required max. temperature, e.g. setting number III. Remove stop pin (*) and insert in slot level with setting number IIIII. Or:

Min. temperature limit:

Set required min. temperature, e.g. setting number II. Remove stop pin (*). Count 4 slots above setting number IIIII and insert pin.



KEYMARK certified and tested according to EN 215

