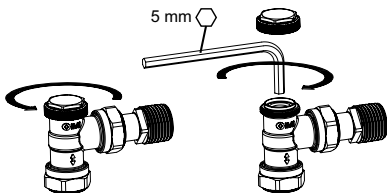
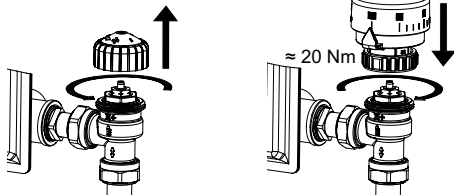
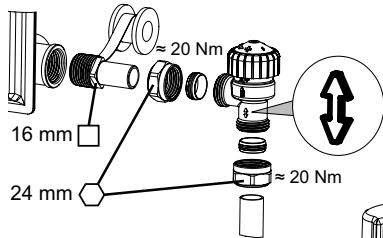


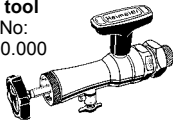
## TRV pack Calypso GB

### Bi-directional thermostatic radiator valve and lockshield

#### Installation and operating instructions



**Fitting tool**  
Article No:  
9721-00.000



**Replacement insert**  
Article No:  
3850-02.300



#### Installation thermostatic radiator valve

The IMI 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.

#### Installation thermostatic head

Remove the protection cap from the valve body. Before installing, check that the thermostatic head is turned to number IIIII. 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. If the lockshield has been set for hydraulic balancing, the appropriate number of revolutions during closing has to be determined. It can then be ensured that the initial setting can be set again.

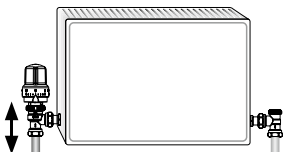
##### Presetting (Balancing)

For presetting the lockshield is closed and then opened by the required number of revolutions. Diagram see datasheet.

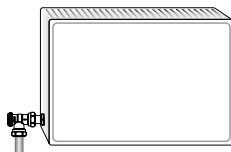
#### Fitting tool

Replacement of the insert is possible whilst the system is still live by using the IMI 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).

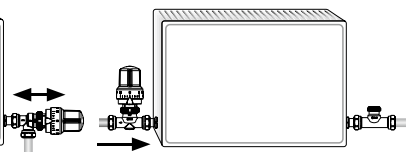
#### Angle connection



#### 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 insulation, 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

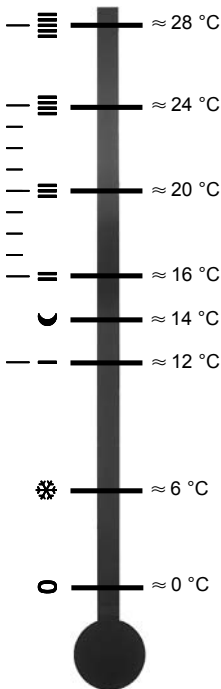
room temperature drop the described procedure will be reversed. Therefore, the thermostatic head only needs actuation in order to change the individual setting of the room temperature (see „Temperature settings“).

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.

### Temperature settings



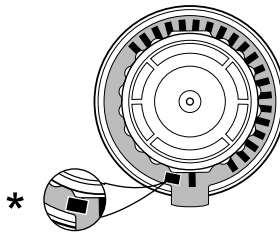
### Limiting the setting

#### 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.



**Thermostatic Efficiency Label**  
TELL

**KEYMARK certified and tested according to EN 215**

