

Technical Data & Fitting Instructions

Euro 50 Valve Set

Technical Data

- Nominal flow rate: 150kg/h
- Max flow rate: 470kg/h
- Maximum working pressure: 10 bar
- Maximum pressure differential: 1 bar
- Maximum water temperature: 100°C
- Maximum ambient temperature: 50°C
- Temperature adjustment range: 7 to 28°C
- Response time: 24 min
- Water temperature effect: 1.40 K
- Hysteresis at nominal flow rate: 0.80 K

Temperature Settings

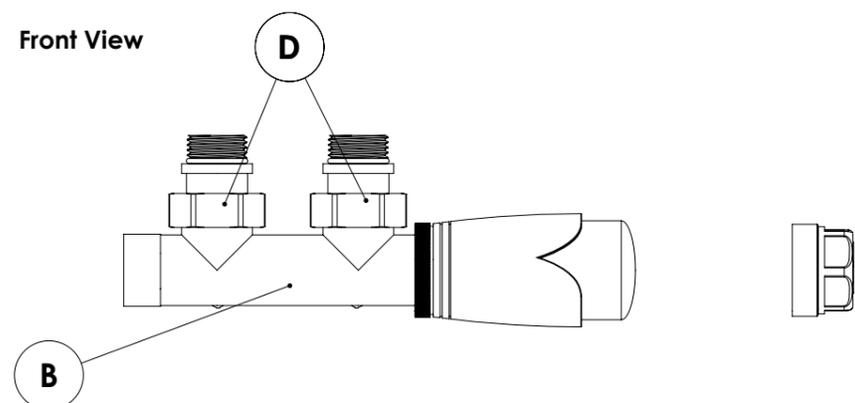
- * Anti-frost setting
- 1 to 6 Approx. range 12°C to 30°C

Please note:

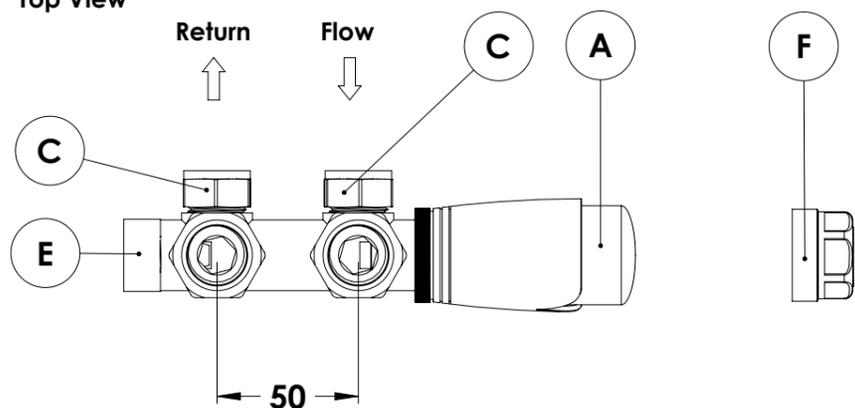
The TRV is only suitable for use as a reverse flow valve when the system differential pressure across the valve does not exceed 0.25 bar

ITEM	DESCRIPTION	QTY
A	Thermostatic head	1
B	Thermostatic Valve body	1
C	15mm compression fitting	2
D	Valve tail 1/2" BSP	2
E	Lock shield cover cap	1
F	Manual cap	1

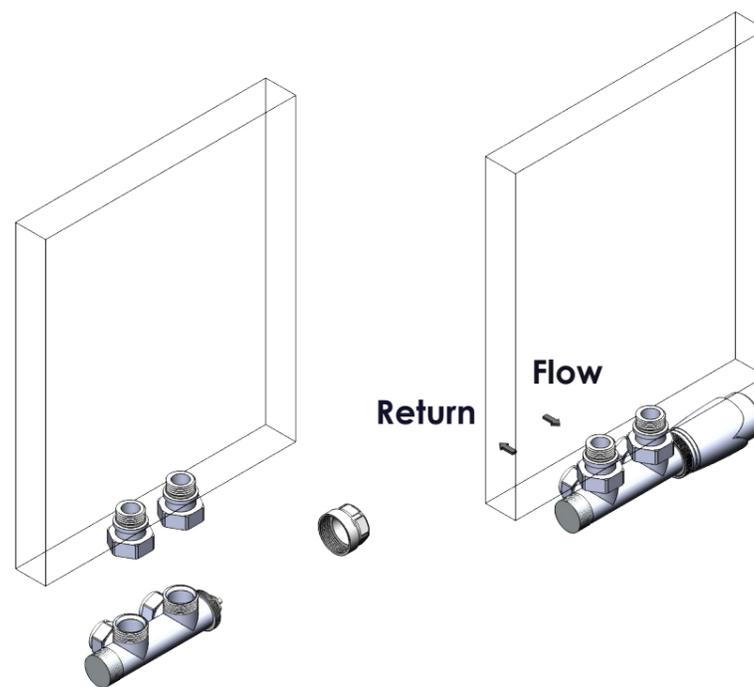
Front View



Top View



All measurements are given in mm



Fitting Instructions

Please note the thermostatic valve must be installed on the flow side of the system.

1. Attach Manual Isolation Cap (F) to Valve Body (B)
2. Fit Valve Tails (D) to radiator flow and return using a hex key and a suitable thread sealer
3. Fit Valve Body (B) to Valve Tails and tighten nuts on Valve Tails (D)
4. Make connections to central heating pipework
5. Fully tighten all Compression Fittings (C)
6. Remove Manual Isolation Cap (F)
7. Set reading on Thermostatic Head (A) to 6 and tighten fully onto Valve Body (B)
8. After filling and venting the radiator, remove Cover Cap (E) and adjust the balance of the system