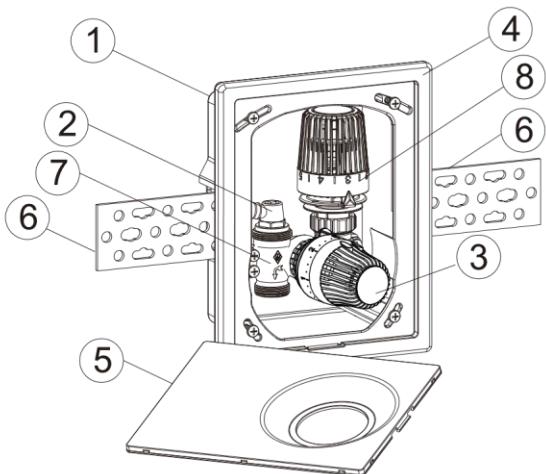


# Temperature Control Box - TCB - 3

## PRODUCT DATA

### Description

TCB-3 is used for the individual room temperature control and maximum limitation of the return temperature with, for instance, combined floor/ radiator heating systems. TCB-3 is also used in wall heating systems.

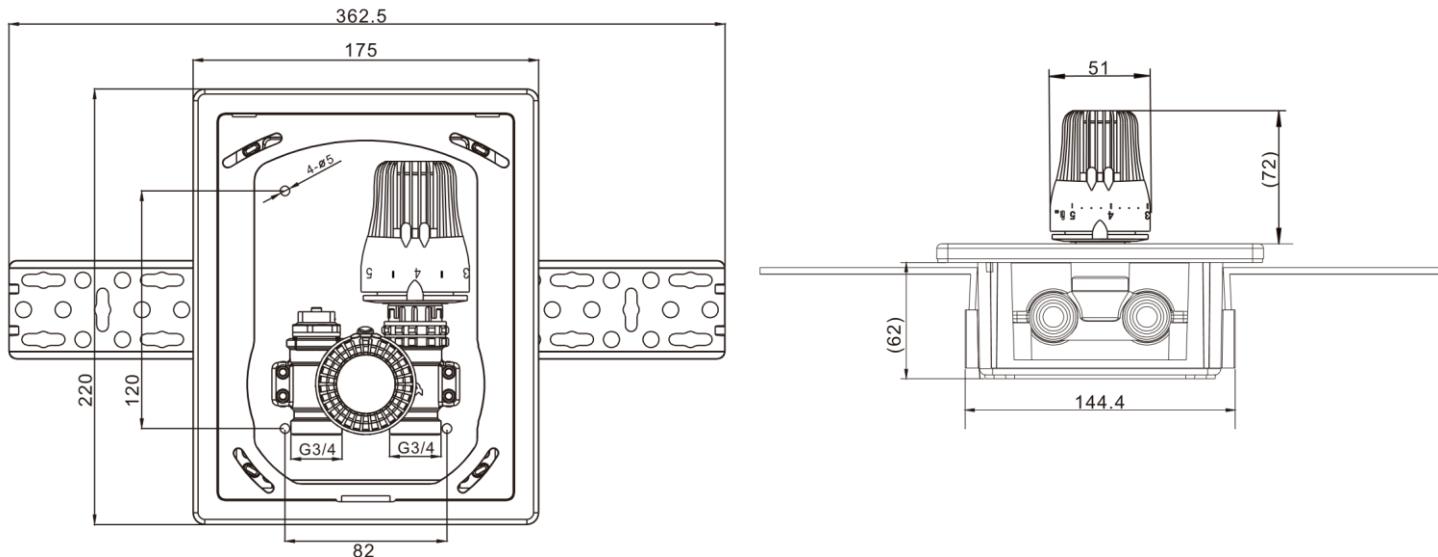


1. Flush Mounting Box
2. Air Venting Valve
3. Thermostatic Head TF-6
4. Frame
5. Front Cover Plate
6. Fixing Bracket
7. Gunmetal Valve Bodies for Corrosion Resistance
8. Return Temperature Limiter TF-23

### Specification

Temperature range (TF-6 head)	Temperature range (TF-23 head)	Max. admissible static pressure	Max. admissible differential pressure	Installation depth	Connection size	Kvs
6~28 °C	10~50 °C	1.0 MPa	0.1 MPa	(62)mm	G 3/4"	1.35

### Dimensions



## Planning

- For all Multibox models, ensure that system delivery temperature is suitable for setting floor heating system.
- All Multibox models are connected to a reverse tube at the end of the floor heating loop
- Notice the direction of flow (see Example for use)
- Depending on the loss of pressure from the pipeline, all Multibox models are suitable for the heating area up to approximately 20 m<sup>2</sup>. The length of the 12 mm inner diameter tube in any heat chain must not exceed 100 m.
- For heating areas > 20 m<sup>2</sup>/tube length > 100 m, T-piece should be used to connect two equally long heating circuits, on Multibox.
- In order to ensure the operation of the low noise system, the differential pressure in the valve must not exceed 0.2 bar.
- Heating on floor coverings of the floor should lie spirally.
- Value setting RTL must not be below ambient temperature, otherwise it does not open.

