

Product datasheet

FlowBox™ mixed station

The FlowBox™ mixed station is used for centralised pumping and mixing for multiple manifolds and removes the need for on-manifold mixers.

They are usually installed in the plant room or below the boiler.

The FlowBox™ mixed station controls the temperature of the water to the underfloor heating manifolds at the correct temperature, via the 3-way rotary mixing valve and actuator. This can be at either design temperature, or climate dependant, via the optional external weather compensation sensor.

Technical:

- Dimensions: 400mm x 254mm x 179mm
- Weight: 7kg
- Inlet connections: 1.5" / 38.1mm
- Outlet connections: 1.25" / 31.75mm
- Insulation: EPP λ 0.036W/mK
- Media: heating water in accordance with VDI2035
- Water / glycol mixtures: max 50% (above 20% admixture, the pump data must be checked)
- Water / ethanol mixtures: max 28%
- Working pressure: 6 bar

Materials in contact with water:

- Components: brass, cast iron, steel
- Sealing material: PTFE, aramid fibre, EPDM

Temperature:

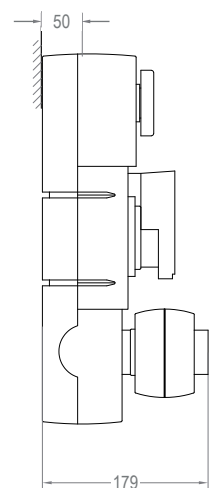
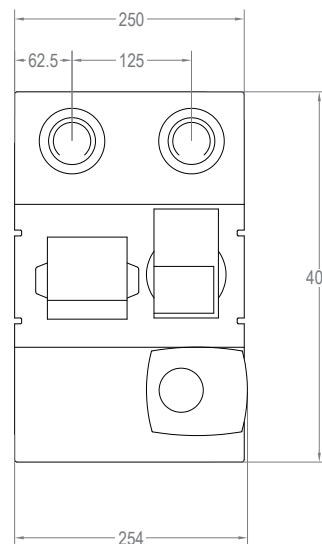
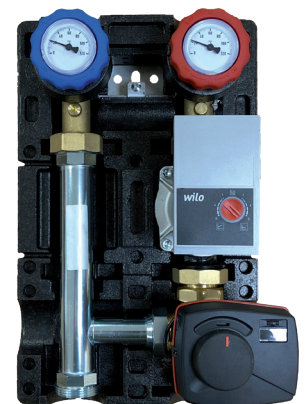
- Ambient temperature: 0°C to 50°C
- Media temperature: 0°C to 110°C max

Accreditations:

- PED 2014/68/EU, article 4.3

Features:

- High-efficiency circulation pump
- High-class insulation shell of hydronic parts
- Pre-tested and ready to use
- Accurate temperature control
- Balanced hydronic system control
- Rotary valve at set temperature or weather compensation
- Fully insulated



About us

No ifs, no buts. The award-winning Continental Underfloor® service means you get an underfloor heating system delivered to you on time, on site, every time, no compromise.

