



Thermoguard® UFH Control Pack

OVERVIEW

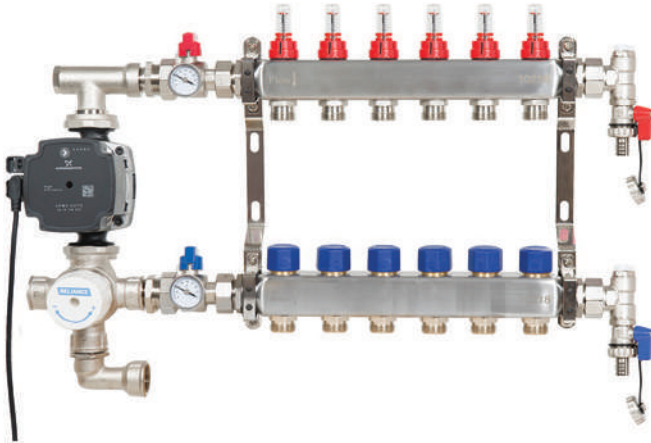
A compact prefabricated pack designed to thermostatically control the temperature of water within an underfloor heating system. The kit includes the thermostatic mixing valve, an ERP rated 7 metre circulating pump, and a flow manifold connection tee piece which includes a ½" FBSP tapping that can be used for reading temperatures and pressures or as a connection point for the UFH Overheat Thermostat (see page 20).

FEATURES AND BENEFITS

- The thermostatic unit gives excellent temperature stability particularly when return temperatures and mixed water temperatures are close to equal
- The system is designed to be fully flexible and can be fitted on either left or right sides of the manifold, with the return at top or bottom
- The mixing valve will function down to 25°C to ensure that initial warm-up and commissioning can be correctly carried out
- The side profile of the valve is reduced to allow easy fitting of the pack inside cabinets
- Features a temperature range from 25°C up to 60°C to cater for all types of floor constructions

| Product | Inlet/Outlet | Code |
|-------------------------------|-------------------|------------|
| Thermoguard® UFH Control Pack | ¾" FBSP x 1" MBSP | UFHC970360 |

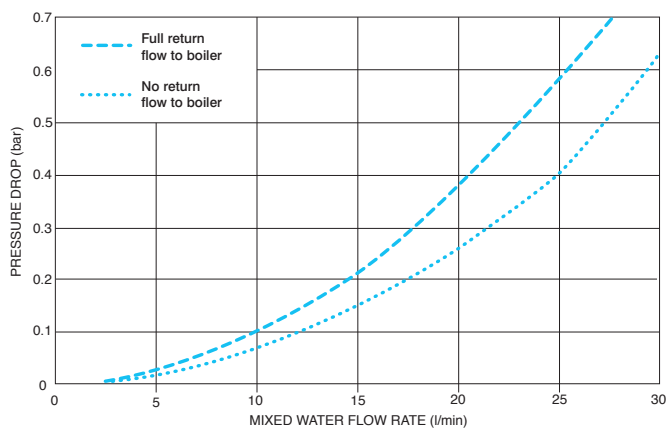
TYPICAL INSTALLATION



MATERIALS

| | |
|-----------------------|-----------------|
| Body: | Gunmetal |
| Seals: | Fibre |
| O-Rings: | Viton |
| Spring: | Stainless Steel |
| Machined brass parts: | DZR Brass |
| Piston: | Acudel |

FLOW RATES



SPECIFICATIONS

| | |
|--------------------------------|---|
| Hot temperature supply range: | 60°C - 85°C |
| Adjustable temperature range: | 25°C - 60°C |
| Maximum supply pressure: | 6 bar |
| Factory set temperature range: | 45°C +/- 2°C |
| Temperature stability: | +/- 2°C |
| Connections: | Mixing valve inlets 3/4" FBSP Manifold connections 1" MBSP |

SPARES AND ACCESSORIES

| Product | Inlet/Outlet | Code |
|---|---------------------|------------|
| Thermoguard with Kit, 25°C - 60°C | 3/4" FBSP x 1" MBSP | HEAT970366 |
| Service Kit for Thermoguard Valve | N/A | SKIT970360 |
| UFH Nickel Elbow with 1/2" plug | 1" MBSP | ZKIT970215 |
| UPM3 Flex 'A' rated pump | 1 1/2" MBSP | PUMP950270 |
| Headwork for Thermomix UFH Valves | N/A | ZEAD970360 |
| Isolating Ball Valve | 3/4" | BVAL900001 |
| 63mm dial Pressure/Temperature Gauge, up to 4 bar/120°C | 1/2" | GAGE600001 |
| Pocket 50mm dial Temperature Gauge 0 - 120°C | 1/2" | GAGE600005 |
| UFH Overheat Thermostat | 1/4" MBSP | STAT970300 |
| Pump Connecting Wire | N/A | WIRE950200 |

DIMENSIONS

All dimensions in mm unless specified otherwise

