



## Thermoguard® UFH Control Pack

### OVERVIEW

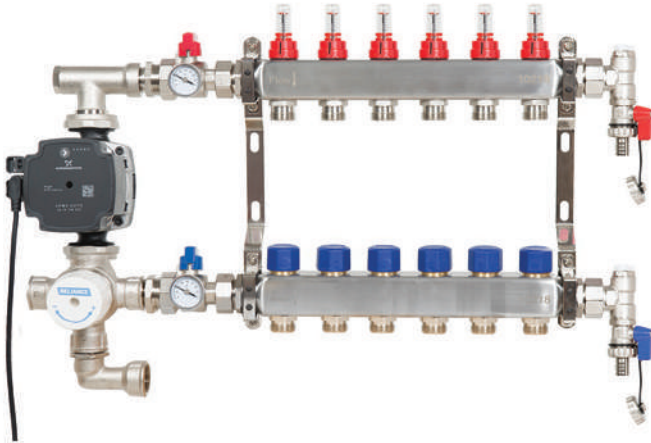
A compact prefabricated pack designed to thermostatically control the temperature of water within an underfloor heating system. The kit includes the thermostatic mixing valve, an ERP rated 7 metre circulating pump, and a flow manifold connection tee piece which includes a ½" FBSP tapping that can be 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

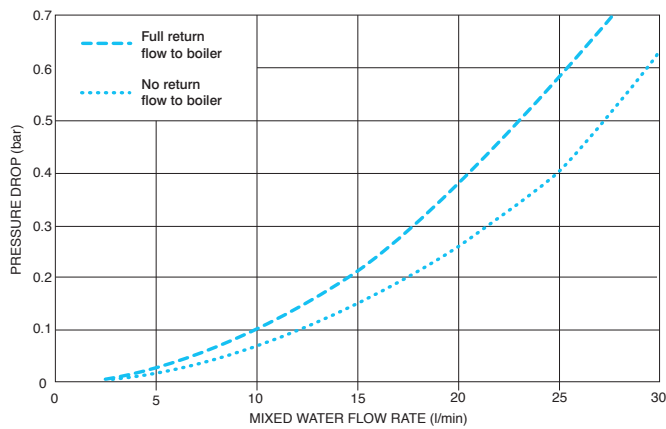
**TYPICAL INSTALLATION**



**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

