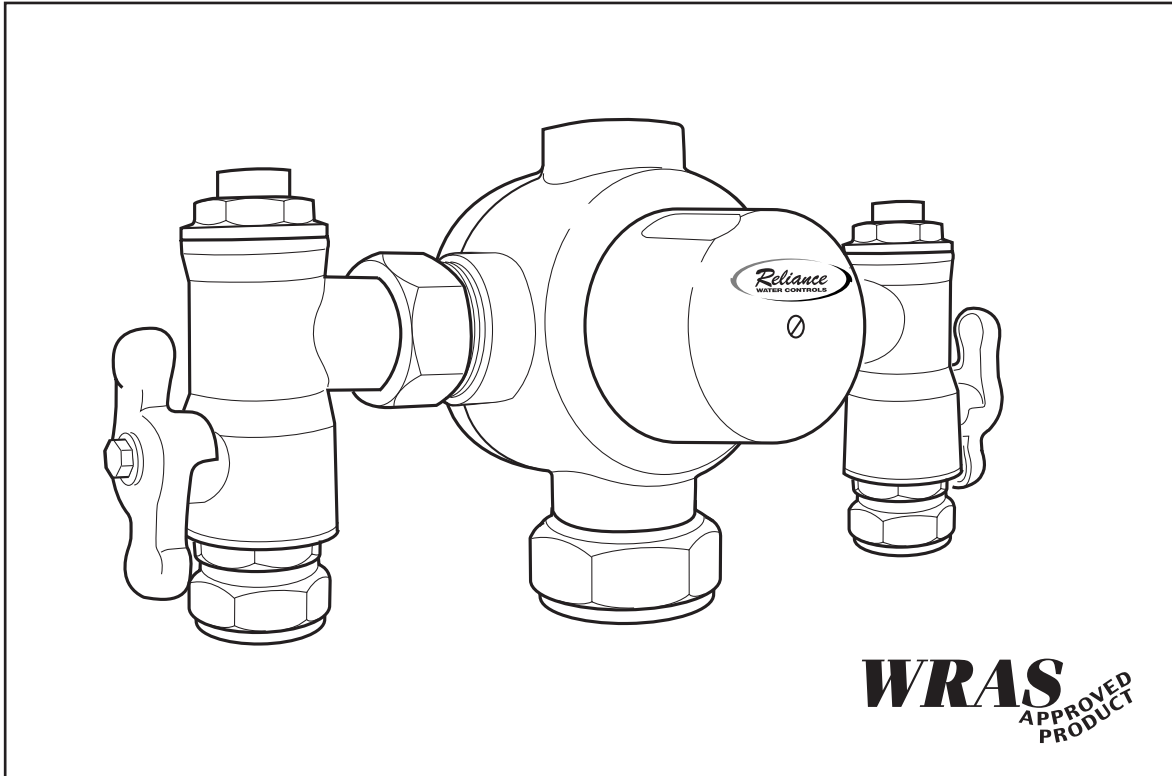




Product Specification Sheet

Heatguard Planar® Thermostatic Mixing Valves



Thermostatic mixing valves for use in group mixing applications.

Product Features and Benefits

- **Extremely stable** mixed water temperature even under extreme or unusual supply conditions.
- Two **quick reaction wax thermostats** provide **fine temperature control** even with varying outlet flow rates.
- **Optional user-adjustable or lockable** (and tamperproof) temperature control gives **complete flexibility** to the end user.
- **High flow rates** for valves in this class.
- **Compression connections** on the inlets and outlet for **ease of installation**.
- **4in1 service fittings** provide **isolation, filtration, cross-flow prevention, and a gauge port** for testing in a **single compact unit**.

✓ WRAS Approved

Heatguard Planar® Thermostatic Mixing Valves

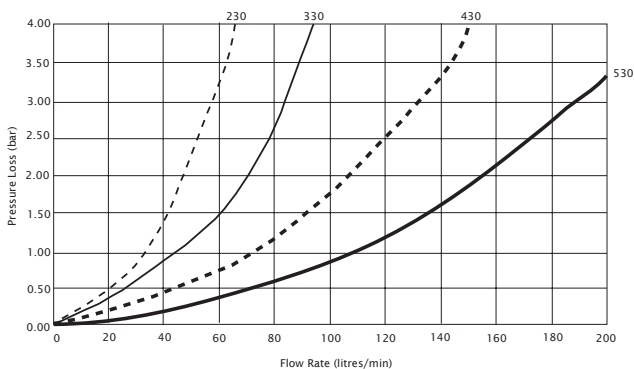
Description

A high flow rate thermostatic mixing valve for group mixing applications. Primarily used for multiple outlet shower or basin installations where stable outlet temperatures at varying flow rates are important. Comes complete with 4in1 fittings, consisting of a full flow, chrome-plated ball type isolating valve and high flow barrel type strainer protecting the check cartridge/non-return valve from any system contamination. Also includes a 1/4" BSP test point for monitoring system conditions such as temperature, pressure and cross-flow. For ease of installation the valve is supplied with compression connections on both the inlets and the outlet. Supplied with Allen keys for removal of the adjustment knob and backplate, and a fixing kit for wall mounting applications.

Product Range

- HEAT 230 100: Heatguard Planar 230 15mm 4in1
- HEAT 330 100: Heatguard Planar 330 22mm 4in1
- HEAT 430 100: Heatguard Planar 430 28mm 4in1
- HEAT 530 100: Heatguard Planar 530 28mm 4in1 with 35mm outlet.

Flow Characteristics



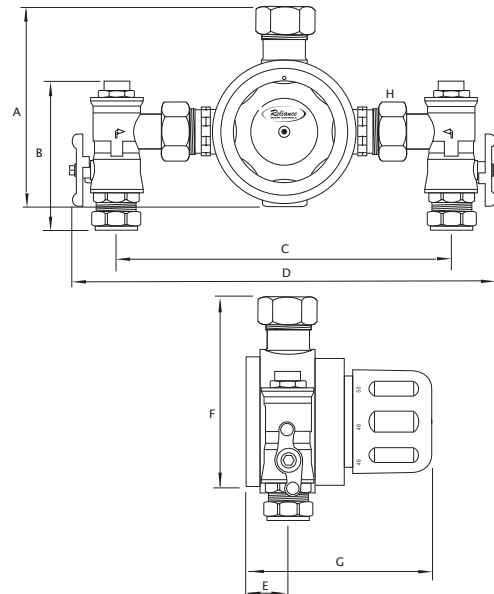
Approvals

WRAS Approval No: 0210044

How to Specify

A range of high flow thermostatic blending valves for use in applications where hot water temperature control for large group applications is required, and multiple outlet installations requiring exceptionally high flow rates. (Select appropriate range code).

Dimensions



	A	B	C	D	E	F	G	H
HEAT 230 100	100	85	185	250	25	70	125	3/4" BSP
HEAT 330 100	135	105	245	320	30	95	127	1" BSP
HEAT 430 100	170	125	275	355	40	105	127	1" BSP
HEAT 530 100	180	125	275	355	40	105	127	1.1/4" BSP

All dimensions in mm unless stated

Specifications

- Factory set temperature: 41°C
- Adjustable outlet temperature range: 38 - 46°C
- Hot water supply temperature: 52 - 85°C
- Must maintain a minimum hot-to-mix temperature differential of 15°C to ensure shut-off on cold supply failure.
- Cold water supply temperature: 5 - 20°C
- Temperature stability (nominal): + 3°C
- Static pressure: 16 bar max.
- Operating pressure: 0.2 - 3.5 bar
- Max pressure loss ratio (either supply): 2:1
- Pressure variation: +10% max.

Guarantee

All Reliance® products undergo strict performance tests prior to despatch, and are guaranteed against faulty materials and workmanship for one year from the date of purchase. This is in addition to any statutory rights.

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