

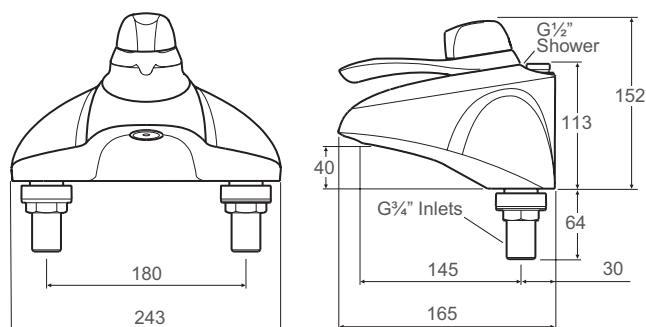
## RADA AUTOTHERM-3 BSM



- WRAS Approved.
- Approved for both high and low pressure use.
- The only bath shower mixer with the facility to deliver one maximum temperature for bathfill and another for showering.
- It will automatically reset a safe maximum showering temperature, where a higher bathfill temperature had already been set.
- Easy "above-the-bath maintenance", body removable from manifold for easy access to check valves and filters.
- Supplied complete with service-free temperature and flow cartridges, check valves and flexible tails.
- An optional range of three complementary shower fittings. Including a category 5 compliant option.

**Specify as: Rada Autotherm-3 BSM (1.1533.110)**

Fully thermostatic bath and shower mixer, TMV 3 approved for both low and high pressure installation and featuring a patented automatic safe temperature adjustment on the shower. Supplied complete with service-free temperature and flow cartridges, check valves, strainers, isolating ball valves and flexible tails.

**Dimensions****Specify as: Rada Autotherm-3 EV Shower Fittings (1.1533.117)**

Shower fittings including 3 mode adjustable chrome handset, slide bar, 1.5 m hose and soap dish. For more information please refer to the specific data sheet.

**Specify as: Rada Autotherm-3 EV - CAT 5 Shower Fittings (1.1533.118)**

Shower fittings including 3 mode adjustable chrome handset, slide bar, 1.5 m hose and soap dish. For more information please refer to the specific data sheet.

**Specify as: Rada BSM Shower Fittings (1.1533.247)**

Shower fittings including 3 mode adjustable chrome handset, slide bar, 1.5 m hose and soap dish. For more information please refer to the specific data sheet.

TECHNICAL SPECIFICATION

Installation and Maintenance

Please refer to the appropriate product manual.

Connections

Inlets to BSM body: ¾" BSP male at 180 mm centres.  
Hot left, cold right.  
Inlets supplied with 0.5 m long flexible hoses: 22 mm compression fitting with isolating valves.  
Shower outlet: ½" BSP male.

Approvals

Designed to comply with European Standards EN1111 and EN1287  
WRAS approved (Water Regulations Advisory Scheme)  
BEAB approved  
Designed to IEC 61508  
Designed, manufactured and supported in accordance with accredited  
BS EN ISO 9001:2008 Quality Management Systems and  
BS EN ISO 14001:2004 Environmental Management Systems.

Operation

A lever is used to divert between showering and bathfill modes. A separate temperature knob allows alternative temperature selection.

Materials

Body: DZR brass chrome plated.  
Lever and temperature knob: chrome plated zinc alloy.

Temperature Range

Factory preset to 41°C for shower and 44°C for bathfill.  
Optimum thermostatic control range: 35°C - 45°C.  
Recommended hot: 55°C - 65°C.  
Recommended cold: 5°C - 20°C.

Pressures

Maximum static pressure: 10 bar.  
Maintained inlet pressure range: 0.2 - 5.0 bar.  
Maximum pressure loss ratio: 10:1 in favour of either supply during flow.  
Note! Both hot and cold pressure should be nominally equal.

Flow Diagram

**Note!** A flow regulator is fitted to the shower outlet. The regulator should be removed if the inlet pressure is below 1 bar..

Weight

Product	Gross Weight (Kgs)	Total Packaged Weight (Kgs)
Rada Autotherm-3 BSM	8.0	9.0
EV Shower Fittings	1.170	1.850
EV-CAT5 Shower Fittings	1.170	1.850
BSM Shower Fittings	1.170	1.850