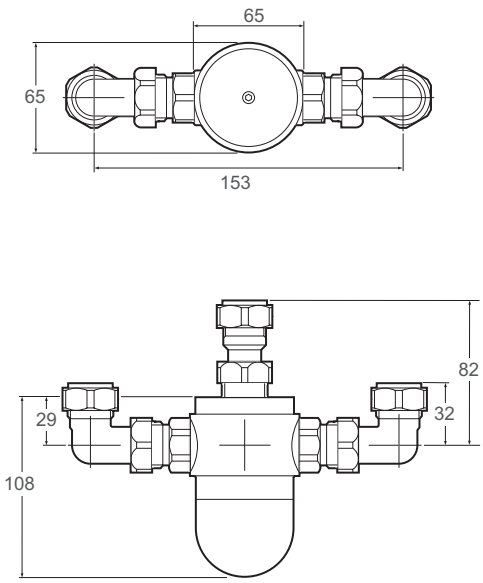
RADA 215-T3 DK THERMOSTATIC MIXING VALVE

- WRAS Approved
- Approved for use in all UK healthcare premises.
- Features the unique Patented “Radatherm” service-free cartridge.
- Unbeatable temperature control.
- Complete with check valves and strainers.
- Tamperproof temperature setting (locked cap).
- Suitable for ‘under-basin’ or duct installation.

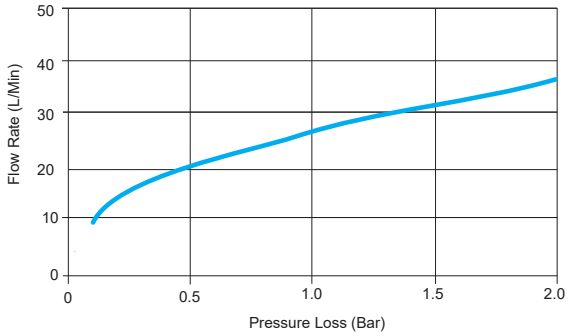
Specify as: Rada 215-t3 dk (1.0.407.06.3)

½” thermostatic mixing valve incorporating Radatherm service-free cartridge, check valves and strainers. Supplied with ½” flat faced union connectors terminating in 15 mm compression connections.

Dimensions



Flow Diagram



Kohler Mira Limited
Cromwell Road
Cheltenham
Gloucestershire
GL52 5EP

Rada Specification Enquiries
Tel: 0344 571 1777 (Option 1)
Email: rada_technical@mirashowers.com
www.radacontrols.com

TECHNICAL SPECIFICATION

Installation and Maintenance
Please refer to the appropriate product manual.

Connections
Inlet and Outlets: ½" flat-faced male union.
Note! 2 elbows and 1 straight union connectors are supplied, terminating in 15 mm compression connections.

Approvals
Designed to comply with European Standards EN1111 and EN1287.
WRAS approved (Water Regulations Advisory Scheme).
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
The Rada 215-t3 dk is designed to be concealed in a duct/cupboard and must be used with a separate outlet flow control such as a tap.

Materials
Body: DZR brass nickel plated.
Locking Shroud: White engineering plastic.

Temperature Control
Factory pre-set maximum outlet temperature: 43°C.
Minimum temperature differential, blend to either supply: 12°C.
Optimum thermostatic control range: 30 °C - 50 °C.
Minimum cold water temperature: 1°C.
Maximum hot water temperature: 85 °C.
Note! The mixing valve can accept temporary temperature excursions above 85°C without damage, however, operation of the mixing valve at such elevated temperatures is not recommended. For reasons of general safety, hot water storage supply temperatures should ideally be maintained at between 60°C - 65°C where serving ablutionary applications.

Pressures
Minimum dynamic supply pressure: 0.15 bar.
Minimum flow rate:3 l/min at mid blend.
Maximum flow rate: 35 l/min at mid blend (which equates to a maximum pressure loss of 1.8 bar).
Maximum pressure loss ratio*: 10:1 (in favour of either supply).
Maximum dynamic supply pressure: 5 bar.
Maximum static pressure: 10 bar.
Note! Both hot and cold pressure should be nominally equal.
** Pressure loss ratio is determined by subtracting the resistance to flow of the outlet pipework and outlet fittings (generally known as 'back pressure', and measured at the outlet of the mixing valve) from the dynamic pressures of the hot and cold water at the inlets of the mixing valve. This is at its extreme when the mixing valve is being used at its lowest flow rate and when the maximum inequality occurs in the pressure of the hot and cold water supplies.*

Weight

Product	Gross Weight (Kgs)	Total Packaged Weight (Kgs)
Rada 215-t3 dk	1.700	2.00

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