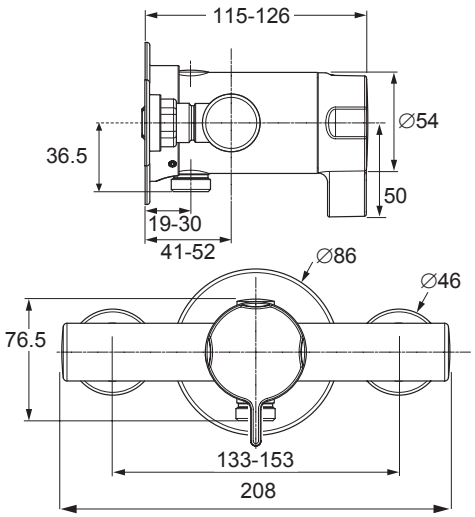
RADA V10 CONTRACT PACK

- TMV2 approved thermostatic shower valve suitable for commercial and semi-domestic applications
- Supplied with vandal resistant shower head and rigid riser pipe
- Adjustable inlet fixing centres for easy replacement of most existing installations
- Sequential operation from off - cold - warm
- Easy grip handle complete with durable, clear graphics
- Robust construction to withstand heavy usage in public areas
- Optional 6 l/min flow regulator for increased water saving. A 9 l/min flow regulator is also supplied

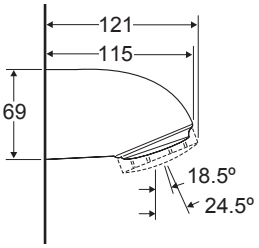
Specify as: Rada V10 Contract Pack (1.1651.008)
Surface mounted, single sequential thermostatic shower valve with VR145 vandal resistant shower head and rigid riser pipe. Supplied complete with adjustable elbow kit, flow regulators and integral strainers.

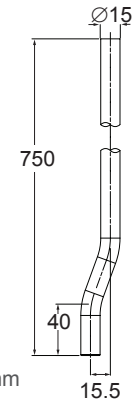
Dimensions (mm)

Surface Mounted



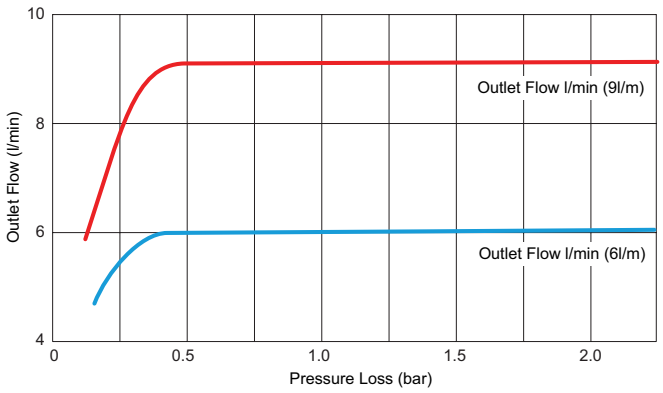
VR145 Shower Head and Rigid Riser Pipe





The height of assembled V10 Contract Pack is 800 mm

Flow Diagram



Kohler Mira Limited
Cromwell Road
Cheltenham
Gloucestershire
GL52 5EP

Specification Enquiries
Tel: 0844 571 1777
Fax: 0844 472 3076
Email: rada_technical@mirashowers.com
www.radacontrols.com

TECHNICAL SPECIFICATION

This contract pack includes the V10 Thermostatic mixer, VR145 vandal resistant showerhead and rigid riser pipe. It is designed for mounting on a vertical wall surface with rising, falling or rear entry pipework.

Installation and Maintenance
Please refer to the appropriate Product Manual.
This product has been designed for straightforward installation on both existing and new installations. The inlets can be adjusted between 133 - 153 mm centres to minimise disruption when replacing an existing product.

Connections
Inlets: 15 mm Compression.
Outlet: ½" BSP Flat Face / 15 mm Compression.
Standard connections are: **hot - left, cold - right, top outlet.**

Approvals
Buildcert TMV2 Thermostatic Mixing Valve Scheme approved
HP-S High Pressure Showering
LP-S Low Pressure Showering
WRAS listed (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 V10 is operated via a single sequential control which when rotated initially opens the valve, then increases temperature from cold to a pre-set maximum.

Materials
Body: Chrome Plated DZR Brass.
Lever: Chrome Plated Zinc Die Casting.
Riser: Polished Stainless Steel.
Showerhead Body: Polished Chrome Plated Brass.
Spray Plate: Engineering Plastic .

Temperature Control
Temperature range from cold to preset maximum.
The maximum temperature that can be selected is factory set at approximately 41°C when despatched, but this can be reset on site if required (by an authorised person).
Thermostatic control ± 1°C within the range 35°C - 45°C (assuming supplies of 15°C cold, 65°C hot at nominally equal pressures).
Note! In the event of loss of either supply, the valve will automatically shut off.
Minimum temperature differential of blend to either supply 12°C.

Temperature Range
Cold water temperature range 5°C to 20°C.
Hot water temperature range (recommended) 55°C - 65°C.
Maximum hot water temperature 85°C.
Note! For reasons of general safety, hot water storage temperatures should be maintained at between 60°C - 65°C where serving ablutionary applications. The mixing valve can accept temporary excursions above 85°C without damage, however operation at such elevated temperatures is not recommended.

Pressures
Dynamic Supply Pressure (Running):
Minimum 0.15 Bar.
Maximum 5 Bar.
Maximum Static 10 Bar.
For optimum operation the inlet pressures should be nominally equal.
Maximum Pressure Loss Ratio*: should not exceed 10:1 in favour of either supply during flow.
** Pressure loss ratio is determined by subtracting the resistance to flow of the outlet pipework and outlet fittings (generally known as the '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.*

Flow Rates
Refer to the flow performance graph.
The minimum flow rate to achieve a full spray pattern with the VR145 showerhead is 6 l/min.
At supply pressures > 0.5 bar, we recommend fitting the 9 l/min flow regulator. For increased water saving the 6 l/min flow regulator should be fitted (both supplied).

Kohler Mira Limited
Cromwell Road, Cheltenham
Gloucestershire, GL52 5EP

Specification Enquiries
Tel: 0844 571 1777, Fax: 0844 472 3076
Email: rada_technical@mirashowers.com
www.radacontrols.com

A KOHLER COMPANY

FM 14648

P6243