# RADA 15TF / 15TFW

- Pre-plumbed shower panel with integral (concealed) TMV3 approved thermostatic mixing valve, push button timed flow control & vandal resistant shower head

- WRAS Approved

- Safe temperature control

- Concealed pipe-work which protects users from high surface temperatures

- Long, sleek design – suitable for all ages and abilities

- Robust & durable materials used throughout

- Easy to install and maintain - Integral isolators & flexible connections provided

- Satin stainless steel or white powder coated panel finish

- For connection to hot & cold supplies
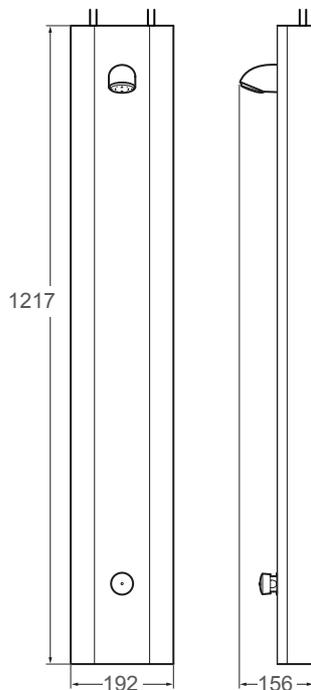
Specify as: Rada PA-15TF Shower Panel Assembly (1.1613.044)
Ready to install satin finish stainless steel panel with hot and cold water pipe entry connecting to a concealed Meynell 15/3 TMV3 approved thermostatic mixing valve feeding a Rada TF503 push button timed flow control and Rada VR105 vandal resistant chrome plated shower head with integral strainer, flow regulator and with adjustable spray angle option.

Specify as: Rada PA-15TFW Shower Panel Assembly (1.1613.045)
Ready to install white powder coated stainless steel panel with hot and cold water pipe entry connecting to a concealed Meynell 15/3 TMV3 approved thermostatic mixing valve feeding a Rada TF503 push button timed flow control and Rada VR105 vandal resistant chrome plated shower head with integral strainer, flow regulator and with adjustable spray angle option..

Dimensions (mm)

1217

192   156

TECHNICAL SPECIFICATION

Installation and Maintenance

Please refer to the appropriate Product Manual.

Quick and easy to install and service. Each panel supplied with 15mm isolating ball valves on inlets as standard. All components that require routine test and maintenance are easily accessible.

Connections

Inlet: 15mm compression to both hot and cold water inlet pipe.

Approvals

Buildcert TMV3 Thermostatic Mixing Valve Scheme approved:-

LP-S   Low Pressure Shower

HP-S   High Pressure Shower

Certificate No. ETC/200/1202

Complies with the technical requirements of BS7942 for the same designations.

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 flow cycle is activated by pressing the flow button. The flow rate is constant and is automatically turned off after approximately 30 seconds. Further economy of water usage can be achieved by means of an internal flow rate adjuster.

Materials

Panel Case: Brushed stainless steel or white powder coated finish.

Stainless steel braided flexible hoses with EPDM liner used throughout.

Meynell 15/3 thermostatic mixing valve: DZR brass

Timed flow control: Body and some internal components are manufactured from copper alloys.

Other internal components are made from engineering plastics

Shower head: Chromium plated copper alloy body and engineering plastic spray plate.

Temperature Range

Factory pre-set maximum outlet temperature: 42 °C

Optimum thermostatic control range: 35 °C - 45 °C

Recommended hot: 55 °C - 65 °C

Recommended cold: 5 °C - 20 °C

Maximum hot: 85 °C

Pressures

Minimum maintained pressure with 9 l/min flow regulator fitted in shower head: 0.5 bar

Minimum maintained pressure with flow regulators removed: 0.2 bar

Maximum static pressure: 7.0 bar

Application

For leisure centres, sports clubs, schools, healthcare facilities, factories, prisons, military establishments, etc, where safe fixed temperature control, vandal resistance and water economy are prime requirements.

Long slim line panel aids wall coverage. Particularly suitable for upgrading existing surface mounted shower installations as no chasing out of walls or breaking of tiles is required.

Flow Diagram

— With flow regulators
— Without flow regulators
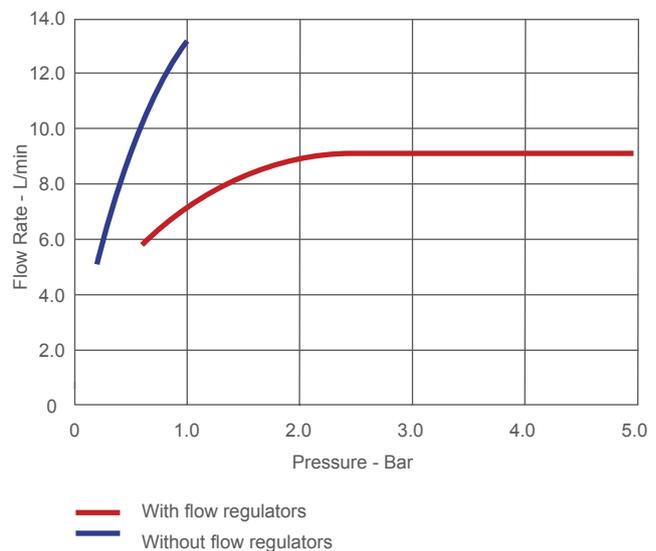
Weight

Product	Gross Weight (Kgs)	Total Packaged Weight (Kgs)
Rada PA - 15TF/TFW	8.60	10.20

BSI
FM 14648

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