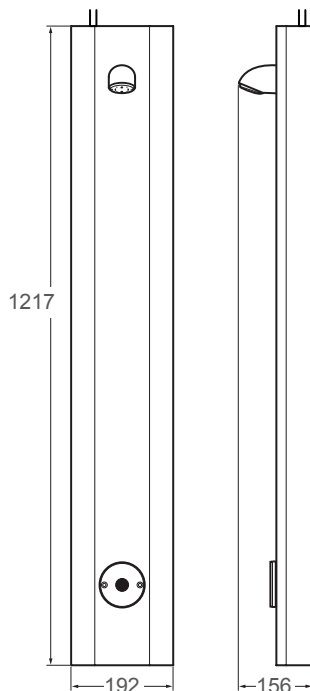


## RADA PA - ETF

- Pre-plumbed shower panel with hygienic “no-touch” electronic timed flow control & vandal resistant shower head
- 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 isolator & flexible connection provided
- Satin stainless steel panel finish
- For connection to pre-blended water supply & Rada Pulse electronic operating system

**Specify as: Rada PA-ETF Shower Panel Assembly (1.1613.042)**

Ready to install satin finish stainless steel panel with single pipe entry for connection to pre-blended supply, incorporating Rada Pulse 129 electronic timed flow operating system with hygienic “no-touch” sensor (for connection to Rada Pulse Control Box) and Rada VR105 vandal resistant chrome plated shower head with integral strainer, flow regulator and with adjustable spray angle option.

**Dimensions (mm)**

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

**Specification Enquiries**

Tel: 01242 282527  
Fax: 01242 282404  
Email: rada\_technical@mirashowers.com  
www.radacontrols.com



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: 15 mm compression to blended water inlet pipe.

**Approvals**

WRAS approved (Water Regulations Advisory Scheme).  
Designed, manufactured and supported in accordance with accredited BS EN ISO 9001:2000 Quality Management Systems and BS EN ISO 14001:1996 Environmental Management Systems.

**Operation**

The flow cycle is activated when the user passes a hand within the target range of the infra-red "no touch" sensor. The duration of each flow cycle can be pre-set via the Rada Pulse control box, ensuring optimum water and energy saving.

**Materials**

Panel Case: Brushed stainless steel finish.  
Stainless steel braided flexible hoses with EPDM liner used throughout.  
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**

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: 1 bar  
Minimum maintained pressure with flow regulators removed: 0.5 bar  
Maximum static pressure: 7.0 bar  
For further guidance on the correct choice of Rada thermostatic valve relative to the number of shower panels required phone 01242 282527.

**Application**

For leisure centres, schools, factories, prisons, military establishments, etc, where vandal resistance and water economy are prime requirements and where electronic "no-touch" operation is preferred.

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.

*For connection to a Rada Pulse control box – see technical data sheet P3790/2*

*Requires pre-blended water supplied from Rada group control thermostatic mixing valve.*

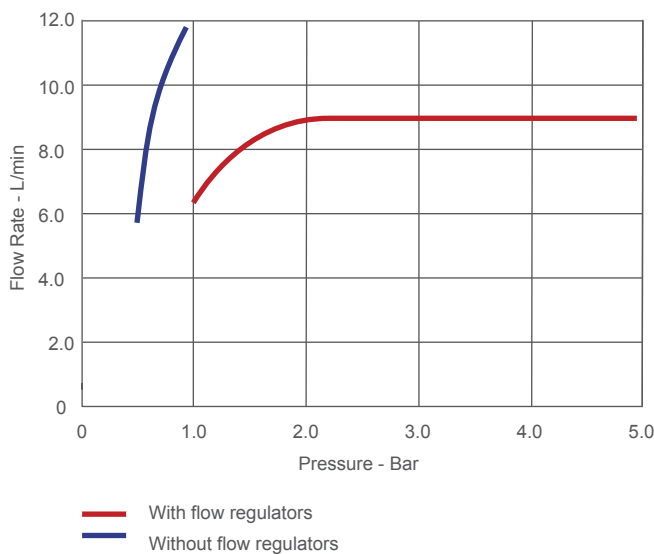
**Electrical**

Protection class: IP65  
Supply voltage: 12V AC + 10% 50/60Hz, via Rada Pulse Control Box

**Operating ambient temperature range: 0 - 40°C**

Maximum Humidity: 80%  
Wiring from sensor to Control Box: 2 core PVC covered cable: 3m (supplied).

**Flow Diagram**



**Weight**

Product	Gross Weight (Kgs)	Total Packaged Weight (Kgs)
Rada PA - ETF	7.40	9.00

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

**Specification Enquiries**  
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