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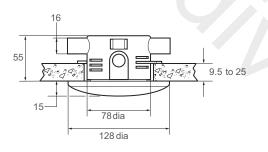
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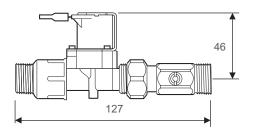
# RADA MONO-CONTROL SYSTEM MC124

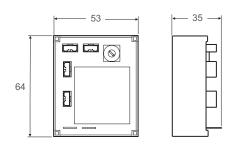
- WRAS Approved
- Hygiene 'non-touch' control
- Ceiling mounted sensor for 'non-touch' control of individual washbasins
- Economy and flexibility timing can be programmed to suit application
- All elements linked via safe extra low voltage (12 Volts) supply



## Dimensions (mm)







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 Specify as: Mono-Control System MC124 (1.1495.011)

Each washbasin to be served by one Rada Mono-Control System MC124 ceiling mounted flow control. Complete with concealed passive infra-red sensor, control module and  $\frac{1}{2}$ " solenoid valve with isolator and filter.



# **TECHNICAL SPECIFICATION**

#### Installation and Maintenance

Please refer to the appropriate Product Manual .

When the design of today's washrooms require higher levels of hygiene and energy savings, Rada provide the solution.

Rada Mono-Control systems enable precise control of showering, hand washing and urinal flushing systems.

The ceiling sensor is recessed into false ceilings or ceiling tiles and is supplied with a conduit box, front fixings, plate and cover screws.

The solenoid valve should be accessible for maintenance purposes. Supplied complete with integral isolator and filter.

## Approvals

WRAS approved (Water Regulations Advisory Scheme). CE Approved.

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

When the sensor is activated, a signal is sent to the Rada Mono-Control module, which, in turn, energises the solenoid valve.

The solenoid valve opens - allowing water to flow through the outlet.

The duration of the flow for each outlet can be individually preset, via the Rada Mono-Control module, ensuring optimum saving of water and energy.

#### Materials

Ceiling Sensor: Base - ABS, cover - polycarbonate. Solenoid Valve: Body material fibreglass polymide.

## **Cycle Timing**

Flow duration can be pre-selected during commissioning by the adjustment of an integral timing dial in steps from 1 second upto 16 seconds.

The Control Module attaches directly onto the solenoid valve.

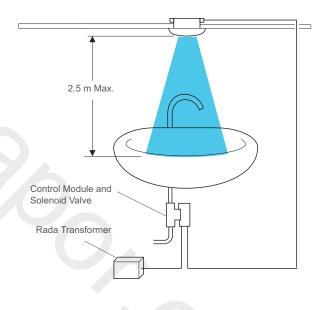
## Pressures

Solenoid valve: 0.2 - 10 bar (20 - 1000 kPa).

#### **Electrical Specification**

Protection class for control module: IP55. Protection class for sensor: IP00. Supply voltage: 12V AC + 10% 50/60 HZ, via Rada 302, 308 or 316 transformer (not included). Power consumption: 6 VA. Operating ambient temperature range: 5°C - 40°C. Maximum humidity: 80%. Wiring from sensor to control module: 2 core PVC covered cable, 3.0 m supplied. Sensor range: minimum 0.5 m, maximum 2.5 m.

## **Operation Schematic**



**Specification Enquiries** 

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