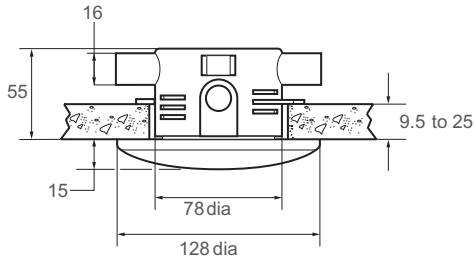
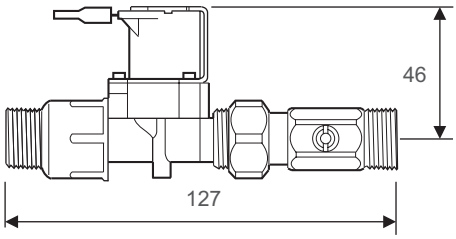
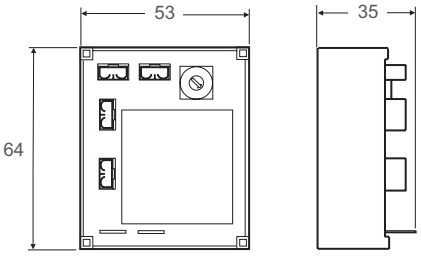
# RADA MONO-CONTROL MC124 FOR HANDWASHING

- Hygiene ‘no-touch’ control
- Ceiling mounted sensor for ‘no-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)**




**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 ½” solenoid valve with isolator and filter.

**Kohler Mira Limited**
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**Specification Enquiries**
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# 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 9001:2000 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.

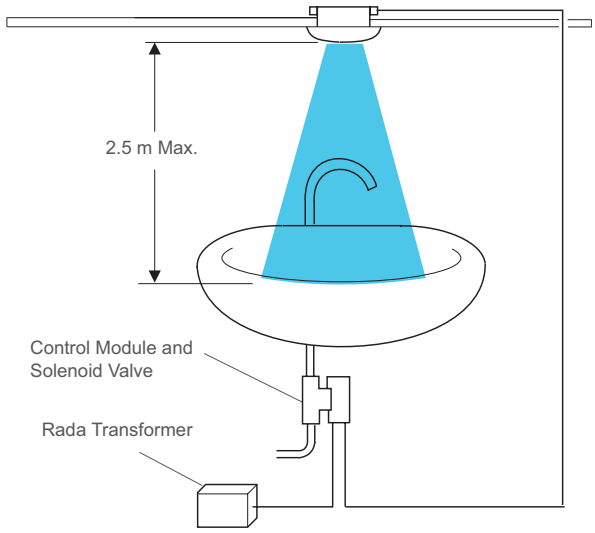
**Cycle Timing**
Flow duration can be pre-selected during commissioning by the adjustment of an integral timing dial in steps from 1 second upto 16 seconds.

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**

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