RADA MX1 20NCUK INTELLIGENT CARE BASIN TAP

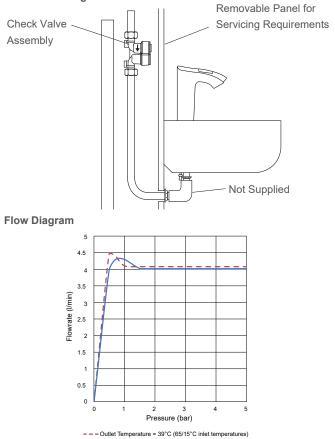
- Non Touch IR flow control
- Brass valve engine (no plastics)
- Integral smooth bore copper outlet pipe
- Open bore flow insert, removable for easy cleaning
- Copper inlet tails
- High internal valve flow velocity
- Air tested at factory
- Programmable duty flushing / Thermal disinfection
- Integral 12 month data log
- Networkable using modbus RTU over RS485
- HTM04-01 Compliant



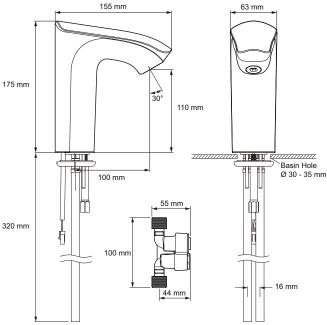
Specify as:

Rada MX1 20NCUK (72941-CP)

Intelligent thermostatic basin tap with non-touch flow (IR) control, smooth bore copper outlet pipe with open bore flow insert, copper tails, programmable temperatures, run time, automated blend duty flush and cold flush, thermal disinfection, integral 12 month data log and optional connection to building network systems.



Dimensions (mm)





Kohler Mira Limited Cromwell Road Cheltenham Gloucestershire GL52 5EP

- Full Cold

Specification Enquiries Tel: 0344 571 1777 (Option 1) Email: rada_technical@mirashowers.com www.radacontrols.com

Installation Diagram

TECHNICAL SPECIFICATION

Operation

Flow: Infra red non-touch activation

Approvals

WRAS KIWA UK TMV3 (HP-WE) BEAB EN 60730-2-8 EN 61558-2-16 (Power Supply)

Temperature

Factory pre-set: 39°C Programmable range - Min: 33°C Max: 45°C Note: Full cold can be selected during programming Maximum hot water: 55 - 65°C (80°C for thermal disinfection) Temperature check mode: Allows measurement of blend as well as hot and cold inlet supplies

Pressure Range

Note: Hot and cold supply pressures should be nominally equal. Maximum static pressure: 10 bar Minimum dynamic pressure: 1 bar Maximum dynamic pressure: 5 bar

Connections

Basin hole diameter range: 30 - 35 mm Ware thickness: Max 38 mm Copper tails: 10 mm Self-coloured and open ended to allow cutting to desired length Checkvalve / filter / flow regulator assembly with integral isolation:

Flow

Modes: On/Off (Timed, Blocking) Flow duration: Programmable (1 sec - 60 mins)

1/2" BSP / 15 mm compression

Electrical Specification

Power supply unit is supplied Power supply output:

Power supply input:

Rated voltage: 12 Vdc Rated current: 2.5 A Rated voltage: 100 Vac - 240 Vac Rated current: 1.0 A Frequency: 50/60 Hz

IP Ratings Tap: IP X4 Power supply unit: IP X4

Programming Options

Programming via Rada App using iOS tablet over Bluetooth Blend Duty Flushing: Operating modes: Off, Standard, Smart Activation time: Real time scheduling (hrs/mins) Interval period: 1 hr - 1 Week Flush duration: 1 sec - 25 mins Set temperature: Programmable

Cold Only Flushing: Activation time: Real time scheduling (hrs/mins) Interval period: 1 hr - 1 Week Flush duration: 5 sec - 10 mins

Thermal Disinfection: Operating modes: Off, Standard, Exponential Flush duration: 1 - 30 mins Minimum temperature: Programmable

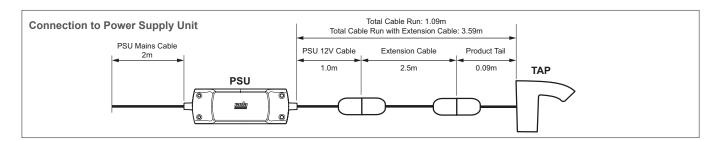
Networking

The MX1 Taps are networkable using modbus RTU over an RS485 connection. This enables the MX1 Taps to be linked to a Building Management System (Refer to seperate IC Networking Datasheet - P6480).

Accessory

Part no. 76705-NA: Rada (ACI 9) 2.5m extension cable

Part no. 1.1664.234.1: Pall Filter Adaptor



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