



## Specification

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### Rada Digital Faucet MX1-60

Category: Water Temperature Control – Single Point of Use

Type: Digital Faucet

Model: MX1-60

#### 1.0 DIGITAL FAUCET (MX1-60)

- 1.1 Digital Faucet shall have non-touch flow (IR) and temperature (capacitive) controls
- 1.2 Digital Faucet shall have smooth bore laminar flow copper outlet pipe with copper lined insert and flexible PEX lined hoses
- 1.3 Digital Faucet shall allow programmable temperatures, flow rates, run time, automated blend duty flush and cold flush, thermal disinfection
- 1.4 Digital Faucet shall be of 95% engineering metallics and lead free compliant and IP X4 rated

#### 2.0 MX1-60 SHALL HAVE THE FOLLOWING OPERATIONAL SPECIFICATIONS:

- 2.1 +/- 2°F water temperature control
- 2.2 Programmable flow rates from 1 – 2.2GPM (3.8 – 8.3LPM)
- 2.3 Programmable set point range of 91.4-113°F (33-45°C)
- 2.4 Programmable thermal disinfection range of 140-176°F (60-80°C)
- 2.5 Automatic safe closure of hot water inlet in response to inlet supply failure, power failure
- 2.6 Programmable automatic fixture flush to evacuate stagnant water
- 2.7 Operational water pressure range of 14psig (1barg) to 145psig (10barg)

#### 3.0 MX1-60 SHALL HAVE THE FOLLOWING CONNECTIVITY SPECIFICATIONS:

- 3.1 Bluetooth enabled for direct connectivity to the mobile app for field adjustments
- 3.2 MODBUS RTU RS485 port for connectivity to either a Local Area Network or integration with a Building Automation System (BAS)

#### 4.0 MX1-60 SHALL BE CERTIFIED TO ASSE 1070, CUPC, UL1951, UL1310, CAN/CSA C22.2 No. 223, FCC Part 16, NSF 61, NSF 372 (conforms to ASME B112.18.1/CSA

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B125.1), WaterSense®, DOE Energy Policy Act 1992, ADA, ICC/ANSI A117.1, CSA B651, OBC

## 5.0 WARRANTY

5.1 MX1-60 shall have a 3-year all mechanical and electrical parts and a 1 year all finish parts warranty



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