



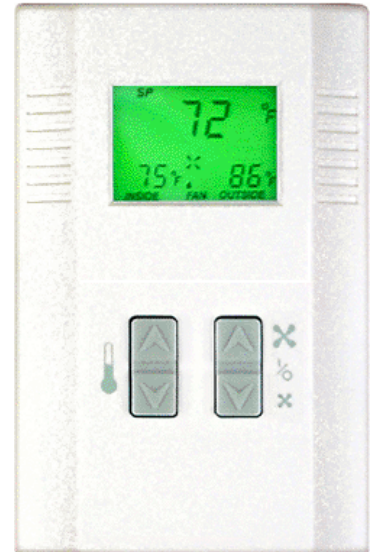
Micorset II Specification and Submittal Data

Microset II

The iWorX MS II is a digital thermostat module which measures room temperature, and transmits the readings and other input information to an iWorX HVAC controller such as the DXU-3 and DXU-4.

Overview

The MS II Series thermostat measures room temperature, and transmits the information to iWorX controllers via a protocol. The MS II uses a two-wire network connection for communications with the iWorX controller.



In addition to providing temperature readings to a controller, the module also displays current room temperature, and outside air temperature on its liquid crystal display (LCD). Additionally, the MS IIs display shows fan status, heat/cool status and the current time of day.

The front panel of the module also provides control buttons to override occupancy, adjust temperature setpoints and to enable the fan.

Features

- Outside temperature displayed at all times
- Space temperature displayed at all times
- Optional outside and room display
- Fan display/adjustment
- Setpoint display/adjustment
- After-hours time remaining displayed
- Optional time of day display
- Heating or cooling mode display
- English or metric units

Specifications

Electrical

Thermistor	The thermistor is integrated with the device. The unit is a microprocessor-based sensor with a built-in analog to digital converter for temperature, which is designed to communicate directly to iWorX controllers
Type	Uni-curve Type II
Resistance	10Kohm at 77 deg. F (22 C)
Accuracy	+/- 0.36 F (0.2 C) over range of 32-158 F (0-17 C)
Power	24VAC @ 25 mA for backlit display. Orange lead terminates to 24 VAC terminal on iWorX controller. Sensor draws 5 VDC @ 10 mA from iWorX controller.
Wiring	18-22 AWG, shielded, 3-conductor, 100 ft. max. Black wire to iWorX stat connection, white to iWorX common, orange is optional 24 VAC for backlit display.
Dimensions	4.6" (117mm)H X 3.0"(76mm)L X 0.7" (18mm)D.
Environmental	32-1558 F (0-17 C). 0-90% RH, non-condensing.
Ratings	UL FCC Part 15