

MCMSENSE

Messana Mbox10 climate controller



Technical Specification

Mounting type: 0-in mounting technology (requires 2-inch hole in drywall cutout)

Programming: Dip-switch, near field communication (NFC), serial bus RS485 (Modbus or BACnet)

Colour and finish: Arctic white paintable plastic.

Operating abient temperature: 0C to 50C

Relative humidity: 0% to 100%

Operating altitude: up to 10,000 feet (3000m)

In the box: mSense, documentation. Installation kit to be ordered separately.

Lifetime: expected sensor lifetime is 10 years or more, in normal RH and temperature operating range. Over the years the accuracy of integrated sensors will decrease based on the long-term drift.



Application

The Messana Mbox10 climate controller is used in heating & cooling systems to control functionality of the system and is installed mostly in plant rooms.

Warranty

[Download the latest warranty statement](#)

Features

Revolutionizing room comfort sensing, Messana presents mSense, a cutting-edge, next-generation room comfort sensor designed to elevate indoor environmental monitoring. Departing from conventional room thermostats solely measuring air temperature, the Messana mSense measures the three fundamental indoor environmental parameters that influence the wellbeing and thermal conditions of occupants: operative temperature, relative humidity (dew-point) and air quality.