embue™
thermostat

Embue Thermostat™ is a smart thermostat that can operate wirelessly with Embue Super Dashboard™ and the Embue Remote™ smartphone app. It can be quickly enrolled onto the Embue Super Dashboard and seen by apartment staff for diagnosing comfort calls or gathering information to schedule maintenance and inform capital planning.

Apartment managers' teams can easily create setback schedules using Embue Super from anywhere and at any time. The setting of an individual unit or a global change to the entire building, community or portfolio is now fast and easy using the Embue Dashboard. Embue Super Dashboard provides the ability to manage energy and policies. Residents can be offered the Embue Remote app, which provides access to just their apartment unit so they can control the temperatures based on the ranges that managers provide within operational guidelines.

Highlights

Compatible with most multi-family heating/cooling systems

Continuously monitors both temperature and humidity

Hold-till time and date

Auto-Changeover between Heat and Cool modes

Graphic LCD Display

Daylight to Dim light display (ambient light auto sensing)

Installs with detachable wall-plate for easy replacement

Adaptive algorithm for accurate temperature control

Power amplified long range IEEE 802.15.4 low power wireless technology

Displays day and time

Installation is easy for retrofits, renovations and new construction. The Embue thermostat installs like a traditional thermostat. A "C" wire is required for 24V power. Embue can assist in providing an integrated solution should the existing wiring need to be augmented with the Embue Common Maker™ product. The thermostat can operate in stand-alone mode at any time necessary; for example during construction.

Communication

Embue Cloud™ components communicate via an IEEE 802.15.4 low power wireless technology. Using the mesh networking capabilities of this technology, the devices in an Embue Super Cloud are capable of relaying data to otherwise hard-to-reach areas of a building. The thermostat acts as a router/range extender to assist in building the Embue mesh network. As more devices are added to the network, the mesh becomes more robust.

Technical Specifications

Physical

Dimensions	4.375" x 1" x 3.375" (LxWxH)
Weight	4.0 oz
Mounting	Base plate is supplied with two screws

Environmental

Operating Temperature Range	32°F - 120°F
Operating Relative Humidity	0 - 90% (non-condensing)

Update Method Over-the-air (OTA) firmware support

HVAC System Support

Conventional heating and cooling systems
Single stage heat pumps
Hydronic heating and cooling systems
Ask Embue about equipment compatibility

Communication

Wireless Standard	Long range IEEE 802.15.4 mesh network
	Acts as a Router/Range Extender for Embue Super Cloud

Power 24VAC

Warranty 2 years

Approvals FCC, UL

embue™   617-314-6260 | embue.com

Smart Apartments for Residents + Building Intelligence for Owners™