



## Clare Controls Wi-Fi Touchscreen Thermostat

CH-TSM10-WF

Clare Controls Wi-Fi thermostats are designed to work with most major brand residential HVAC units. This thermostat offers control of heating, cooling, humidification, dehumidification, and fresh air return. The TH-TSM10-WF features a touchscreen backlit display and auto-discovers in the ClareHome App making for a quick, easy installation.



- Touchscreen backlit display
- Local indoor and outdoor (optional) temperature display
- Auto-Discovered in the ClareHome App once added to your Wi-Fi network
- View and modify temperature from anywhere with the ClareHome App
- Easily create custom schedules
- Doesn't require separate account for setup
- Real-time clock automatically adjusts for daylight savings time
- Temporary heat boost button "Heat Blast" rapidly raises temperature by 3° - 5° F
- Temperature, humidifier & dehumidifier control

### Technical Specifications

#### Temperature Control

HVAC Control	2H/2C Conventional, 4H/2C Heat Pump
Change Over	Auto Changeover with deadband adjustment
Emergency Heat:	"Heat Blast" rapidly raises room temperature
Compressor:	Built in compressor protection prevents damage to your equipment
Air Cleaning	Event Based Air Cleaning (On, Circ, 3hr, 24hr)
Ventilation	Timed Ventilation Temperature and Humidity Limits Notification when Active ASHRAE Set Up

#### Indoor Air Quality Controls

Type	Humidification automatic or manual control Dehumidification Event-Based™ air cleaning Ventilation with temperature and humidity limits
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#### Technical Specifications

Service Reminders	Service, Water Pan, Dehumidifier, Air Cleaner, Ventilation
Network	Wi-Fi Enrollment through Graphical Display or WAP
Power Requirements	24VAC Note: Requires both R and C wires from the HVAC System
Dimensions	6" x 4.88" x 1.34"

By making home technology simple, Clare provides exclusive benefits to integrators, builders, and homeowners. We offer innovative home automation solutions, Class D amplifiers, media distribution, controllable lighting, and IP CCTV components. For more information, visit [clarecontrols.com](http://clarecontrols.com).