

Thermostats

RESIDENTIAL & COMMERCIAL ACCESSORY THERMOSTATS

Source 1 CTS-Series Color Touchscreen Thermostats



Source 1 CTS-Series thermostats are suitable for residential gas/electric, heat pump, or multistage systems. They feature a high-resolution color touchscreen user interface that can be customized to provide simple thermostat operation or to take advantage of a full range of programmability and display options, including personalized screen savers and wallpaper.

Features:

- 8.1 sq. in. (4.3 in. diagonal) high-resolution color display with touchscreen control
- Simple, plain text menus guide through setup and programming steps
- Personalized screensavers and wallpaper*
- Meets California Title 24 specifications
- Up to 4 stages heating and 2 stages cooling
- Up to 7-day installer selectable programming
- Auto changeover (switchable to manual)
- Built-in compressor protection (defeatable for zoning applications)
- Adjustable timers and deadbands
- Setpoint limiting
- Programmable fan
- Auxiliary heat indicator
- Auxiliary heat lockout
- Fahrenheit/Celsius display
- Choice of English, Spanish, or French
- Service filter reminder
- UV lamp replacement reminder
- Energy usage information
- Remote (hardwired) outdoor temperature sensor ready
- Dual fuel capable

Specifications:

Power Method	: Hardwired
Electrical Ratings	: 24 VAC +/-15%
Frequency	: 60Hz; 50Hz
Terminal Load	: Y1, Y2, G 1.5A per terminal, all others 0.5A per terminal
Setpoint Temperature Range (heating)	: 35-99F (1.5-37C)
Setpoint Temperature Range (cooling)	: 35-99F (1.5-37C)
Deadband Differential	: 1-6F (0.5-3C)
Operating Ambient	: 35-105F (1.5-41C)
Operating Humidity	: 5-90% RH, non-condensing
Dimensions	: 5.375" W x 4.0" H
Mounting	: Horizontal

SOURCE 1 PART NO.	STAGES		PROGRAMMING OPTIONS	CONTROL	TERMINALS	BRANDS	MLP \$
	HEAT	COOL					
S1-TBPU32HP7S	3 (4 FOR HEATPUMP)	2	365-DAY, 7-DAY, 5+2 DAY, 1-DAY, NONE	COMMERCIAL MULTI-STAGE HEATPUMP, GAS/ELECTRIC, AND DUAL FUEL WITH HUMIDITY CONTROL	W3, W2, W1/O/B, Y2, Y1, G, R, C, OUTDOOR (2 POSITION)	SOURCE 1, YORK	Á
S1-TBPU32P7S	3 (4 FOR HEATPUMP)	2	365-DAY, 7-DAY, 5+2 DAY, 1-DAY, NONE	COMMERCIAL MULTI-STAGE HEATPUMP, GAS/ELECTRIC, AND DUAL FUEL	W3, W2, W1/O/B, Y2, Y1, G, R, C, OUTDOOR (2 POSITION)	SOURCE 1, YORKÁ	Á
S1-THPU32HP7S	3 (4 FOR HEATPUMP)	2	7-DAY, 5+2 DAY, 1-DAY, NONE	RESIDENTIAL MULTI-STAGE HEATPUMP, GAS/ELECTRIC, AND DUAL FUEL WITH HUMIDITY CONTROL	W3, W2, W1/O/B, Y2, Y1, G, R, C, OUTDOOR (2 POSITION)	SOURCE 1, YORK, COLEMAN, LUXAIRE	Á
S1-THPU32P7S	3 (4 FOR HEATPUMP)	2	7-DAY, 5+2 DAY, 1-DAY, NONE	RESIDENTIAL MULTI-STAGE HEATPUMP, GAS/ELECTRIC, AND DUAL FUEL	W3, W2, W1/O/B, Y2, Y1, G, R, C, OUTDOOR (2 POSITION)	SOURCE 1, YORK, COLEMAN, LUXAIRE	Á

*Requires optional SD card for setup

CTS Series Thermostat Accessories

Indoor/Outdoor Hardwired Temperature Sensor for CTS Series Thermostats



- Use for either indoor or outdoor temperature sensing
- Hardwired

SOURCE 1 PART NO.	DESCRIPTION	MLP \$
S1-CTSHTS	INDOOR/OUTDOOR HARDWIRED TEMPERATURE SENSOR FOR CTS SERIES THERMOSTATS	

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CTS Series Thermostat Accessories

Wall Plate for CTS Series Thermostats



Easily cover paint discrepancies or wall blemishes left after removal of old thermostats. Slim, attractive design.

SOURCE 1 PART NO.	DESCRIPTION	MLP \$
S1-CTSPLATE	WALL PLATE FOR CTS SERIES THERMOSTATS	

Internet Access Module for CTS Series Thermostats



Compatible with Apple iPhone®, iPod Touch®, iPad®, Blackberry®, Android®, Mac and PC devices

Benefits:

- Monitor thermostat information, including system run time and current usage
- View incoming alerts based on pre-configured notifications, such as important updates on the health of the system or simply if the home's inside temperature has gone above or below pre-set limits
- View a pictorial display of the current weather and weather forecast for all thermostat locations
- Send text messages from the mobile device to the thermostat display, such as reminders and notes to family members
- Receive vital updates from their HVAC professionals on the health of their systems right on the thermostat display

SOURCE 1 PART NO.	DESCRIPTION	MLP \$
S1-CTSIAM	INTERNET ACCESS MODULE FOR CTS SERIES THERMOSTATS	

Duct Temperature Sensor



Features:

- Sensor includes 20 feet of plenum-rated cable and can be installed in the supply/return duct
- Can be used as a supply air or return duct sensor with a CTS Series thermostat
- If used outdoor, this sensor can provide outside temperature for a CTS Series thermostat
- A small grommet is included to protect cable from sheet metal edges
- Two wire nuts are provided for wire connections
- For wire distances over 20 feet use 18 – 22 gauge 2 conductor unshielded thermostat wire
- Maximum distance between sensor and thermostat is 200ft • Measurement range is -40F ~ 131F

SOURCE 1 PART NO.	DESCRIPTION	MLP \$
S1-CTSPTS	SENSOR, TEMP, WIRED, DUCT, FOR CTS TSTATS	

Source 1 LX-Series Thermostats

Residential Models



SOURCE 1 PART NO.	STAGES		PROGRAMMING OPTIONS	CONTROL	BRANDS	TERMINALS	MLP \$
	HEAT	COOL					
S1-THSU21P1S	2	1	1-DAY, NONE	HEAT PUMP, GAS/ELECTRIC	SOURCE 1, YORK, COLEMAN, LUXAIRE, FRASER-JOHNSTON	R, C, G, W1/O/B, W2, Y1, OUTDOOR SENSOR, DRY CONTACT, FAULT	À
S1-THSU32HP7S	3 (4 FOR HEAT-PUMP)	2	7-DAY, 5+2 DAY, 1-DAY, NONE	MULTI-STAGE HEAT PUMP, GAS/ELECTRIC, HUMIDIFICATION, DEHUMIDIFICATION, REHEAT, AND DUAL FUEL	SOURCE 1, YORK, COLEMAN, LUXAIRE, FRASER-JOHNSTON	R, C, G, W1/O/B, W2, W3, Y1, Y2, HUM, DEHUM, AUX, OUTDOOR SENSOR, REMOTE SENSOR, DRY CONTACT, FAULT	À
S1-THSU32P7S	3 (4 FOR HEAT-PUMP)	2	7-DAY, 5+2 DAY, 1-DAY, NONE	MULTI-STAGE HEAT PUMP, GAS/ELECTRIC	SOURCE 1, YORK, COLEMAN, LUXAIRE, FRASER-JOHNSTON	R, C, G, W1/O/B, W2, W3, Y1, Y2, OUTDOOR SENSOR, REMOTE SENSOR, DRY CONTACT, FAULT	À

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LX-Series Thermostat Accessories

Comfort Call Accessory for LX-Series Thermostats



- Requires wireless transceiver module.
- Allows simple remote control of the thermostat from any phone.
- Voice recognition or touch-tone entry.
- Announces indoor and outdoor temperatures/ indoor humidity.
- Announces system status.
- Controls up to four thermostats.
- Can control one auxiliary output.
- Easy to install.

SOURCE 1 PART NO.	DESCRIPTION	MLP \$
S1-LXCC	COMFORT CALL ACCESSORY FOR LX-SERIES THERMOSTATS	

Plug-In USB Port Programmer For LX-Series Thermostats



- Program on your computer with intuitive software.
- Works with PC or MAC.
- Customize messages to appear on thermostat display.
- Quick and easy copying from one thermostat to the next.
- Battery backup maintains current time and day of the week.
- Stores data from several models simultaneously.

SOURCE 1 PART NO.	DESCRIPTION	MLP \$
S1-LXPROG	PLUG-IN USB PORT PROGRAMMER FOR LX-SERIES THERMOSTATS	

900 Mhz Wireless Transceiver Module For LX-Series Thermostats



- Two way wireless communication.
- Links multiple sensors and accessories to the thermostat.
- Frequency hopper to avoid interference.
- Easy two minute installation

SOURCE 1 PART NO.	DESCRIPTION	MLP \$
S1-LXRFM	900 MHZ WIRELESS TRANSCEIVER MODULE FOR LX-SERIES THERMOSTATS	

Indoor/Outdoor Wireless Temperature Sensor for LX-Series Thermostats



- Requires wireless transceiver module.
- Automatic remote sensor averaging when using more than one (indoor) sensor.
- Can link with up to four thermostats.
- Long battery life

SOURCE 1 PART NO.	DESCRIPTION	MLP \$
S1-LXRFTS	INDOOR/OUTDOOR WIRELESS TEMPERATURE SENSOR FOR LX-SERIES THERMOSTATS	

Source 1 LX-Series Thermostats

Commercial Models



SOURCE 1 PART NO.	STAGES		PROGRAMMING OPTIONS	CONTROL	BRANDS	TERMINALS	MLP \$
	HEAT	COOL					
S1-TBSU22HNS	2	2	NON-PROGRAMMABLE	MULTI-STAGE HEAT PUMP, GAS/ELECTRIC HUMIDIFICATION, DEHUMIDIFICATION	SOURCE 1, YORK, COLEMAN, LUXAIRE, FRASER-JOHNSTON	R, C, G, W1/O/B, W2, Y1, Y2, HUM, DEHUM, OUTDOOR SENSOR, DRY CONTACT, FAULT	À
S1-TBSU32HP7S	3 (4 FOR HEAT-PUMP)	2	7-DAY, 5+1+1 DAY, 1-DAY, NONE	MULTI-STAGE HEAT PUMP, GAS/ELECTRIC, HUMIDIFICATION, DEHUMIDIFICATION, AND REHEAT	SOURCE 1, YORK, COLEMAN, LUXAIRE, FRASER-JOHNSTON	R, C, G, W1/O/B, W2, W3, Y1, Y2, AUX, HUM, DEHUM, OUTDOOR SENSOR, REMOTE SENSOR, DRY CONTACT, FAULT	À
S1-TBSU32P7S	3 (4 FOR HEAT-PUMP)	2	7-DAY, 5+1+1 DAY, 1-DAY, NONE	MULTI-STAGE HEAT PUMP, GAS/ELECTRIC	SOURCE 1, YORK, COLEMAN, LUXAIRE, FRASER-JOHNSTON	R, C, G, W1/O/B, W2, W3, Y1, Y2, OUTDOOR SENSOR, DRY CONTACT	À

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LX-Series Thermostat Accessories

Hardwired Outdoor Temperature Sensor

SOURCE 1 PART NO.	DESCRIPTION	MLP \$
S1-8052	HARDWIRED OUTDOOR TEMPERATURE SENSOR	

Hardwired Indoor Temperature Sensor

SOURCE 1 PART NO.	DESCRIPTION	MLP \$
S1-8053	HARDWIRED INDOOR TEMPERATURE SENSOR	

Locking Ring for LX-Series Thermostats



- Designed for easy tool-less slip-on installation and slip-off removal.
- Thermostat removal or wiring disconnection not required for installation.
- Can be combined with keypad lockout or setpoint limits.
- Locks both front and back thermostat housings to the wall.
- Elegant style and security at an affordable price.

SOURCE 1 PART NO.	DESCRIPTION	MLP \$
S1-LXLOCK	LOCKING RING FOR LX-SERIES THERMOSTATS	

Wall Plate for LX-Series Thermostats



- Easily cover paint discrepancies or wall blemishes left after removal of old thermostats.
- Slim, attractive design.

SOURCE 1 PART NO.	DESCRIPTION	MLP \$
S1-LXPLATE	WALL PLATE FOR LX-SERIES THERMOSTATS	

Add-A-Wire Accessory for All Conventional Thermostats



- One wire to run two wires worth of communication in applications where additional wire cannot be run.

SOURCE 1 PART NO.	DESCRIPTION	MLP \$
S1-ADDWIRE	ADD-A-WIRE ACCESSORY FOR ALL CONVENTIONAL THERMOSTATS	

RESIDENTIAL ACCESSORY THERMOSTATS

Source 1 Value Series Thermostats



Features:

- Large digital display; programmable models are backlit
- Up to 2 stages heating and 2 stages cooling
- Battery or system powered
- Auxiliary heat indicator for heat pump models
- Fahrenheit or Celsius
- Separate mounting plate
- Manual changeover (except S1-THEM22P7S)
- Custom contractor logo available on battery covers for battery-powered models. Order S1-THEBATTCVR.
- Commercial model includes auto changeover, clock backup, up to 4-hour override, and keypad lockout

Accessories:

- Locking cover ring (S1-THELOCK)
- Decorative wall mounting back plate (S1-THEPLATE)
- Add-a-Wire Accessory (S1-ADDWIRE)

SOURCE 1 PART NO.	STAGES		PROGRAM	APPLICATIONS	BRANDS	POWER SOURCE	MLP \$
	HEAT	COOL					
S1-TBEU22P7S	2	2	7 DAY	COMMERCIAL MULTI-STAGE HEAT PUMP, GAS/OIL/ELECTRIC	SOURCE 1, YORK, COLEMAN, LUXAIRE, FRASER-JOHNSTON	HARDWIRED	Á
S1-THEC11NS	1	1	N/A	SINGLE-STAGE HEAT PUMP, GAS/OIL/ELECTRIC, MILLIVOLT	SOURCE 1, FRASER-JOHNSTON	HARDWIRED OR BATTERY	Á
S1-THEC11P5S	1	1	5-2 DAY	SINGLE-STAGE HEAT PUMP, GAS/OIL/ELECTRIC, MILLIVOLT	SOURCE 1, YORK, COLEMAN, LUXAIRE, FRASER-JOHNSTON	HARDWIRED OR BATTERY	Á
S1-THEH21NS	2	1	N/A	HEAT PUMP	SOURCE 1, YORK, COLEMAN, LUXAIRE	HARDWIRED OR BATTERY	Á
S1-THEH21P5S	2	1	5-2 DAY	HEAT PUMP	SOURCE 1, YORK, COLEMAN, LUXAIRE	HARDWIRED OR BATTERY	Á
S1-THEU22P7S	2	2	7 DAY	MULTI-STAGE HEAT PUMP, GAS/OIL/ELECTRIC	SOURCE 1, YORK, COLEMAN, LUXAIRE, FRASER-JOHNSTON	HARDWIRED	Á

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Value Series Thermostat Accessories



SOURCE 1 PART NO.	DESCRIPTION	MLP \$
S1-ADDWIRE	ADD-A-WIRE ACCESSORY FOR ALL CONVENTIONAL THERMOSTATS	
S1-THELOCK	LOCKING COVER FOR S1-THE SERIES THERMOSTATS	
S1-THEPLATE	WALL MOUNTING PLATE FOR S1-THE SERIES THERMOSTATS	

Universal 4-Wire Thermostat Solution



Features:

- Upgrade single stage applications to premium high-efficiency systems (staging, heat pump or heat pump with dual fuel) – using existing 4 wires
- Dual fuel heat pump control (requires outdoor remote sensor)

SOURCE 1 PART NO.	DISPLAY SIZE	STAGES		HEAT PUMP	PROGRAM	APPLICATIONS	POWER	MLP \$
		SINGLE	MULTI					
S1-1F98EZ-1421	12	1/1	2/2	4/2	7-DAY, NO	GAS/OIL/ELECTRIC	HARDWIRED	

Emerson Blue™ Universal Touchscreen Thermostats



Features:

- Automatic heat/cool changeover option
- Installer-selectable system applications and programs
- 12-square-inch lighted display is the largest in the industry
- 4 time and 4 temperature settings per program (2 setbacks) heat and cool, or selectable— 2 time and 2 temperature settings (1 setback)
- Selectable Energy Management Recovery
- Permanent program retention during power outages
- Compressor lockout protection
- Maintains room temperature to within $\pm 1^\circ$
- Programmable Fan and Remote Sensing available for S1-1F95-1277 and S1-1F97- 1277

Specifications:

- **Dimensions:** 4.6"H x 5.9"W x 1.2"D
- **Setpoint Temperature Range:** 45°–99°F (7–32°C)
- **Rated Differential:** Heat 0.6°F; Cool 1.2°F
- **Operating Ambient Temperature:** 32°–105°F (0°–41°C)
- **Operating Humidity Range:** 90% non-condensing maximum
- **Battery:** mV to 30 VAC, NEC Class II, 50/60 Hz or DC
- **Input-Hardware:** 20–30 VAC 1.5A load per terminal; 2.5A maximum load (all terminals combined)

SOURCE 1 PART NO.	DISPLAY SIZE (SQ. IN.)	APPLICATIONS	SYSTEM/STAGES (HEAT/COOL)			PROGRAM	MLP \$
			SINGLE STAGE	MULTI STAGE	HEAT PUMP		
S1-1F95-1277	12.0	GAS/OIL/ELECTRIC, MILLIVOLT 3-WIRE ZONE VALVE	1/1	2/2	3/2	7, 5/1/1, 0	
S1-1F95-1280	12.0	COMMERCIAL GAS/OIL/ELECTRIC, MILLIVOLT 3-WIRE ZONE VALVE	1/1	2/2	4/2	7, 5/1/1, 0	
S1-1F95-1291	12.0	GAS/OIL/ELECTRIC, MILLIVOLT 3-WIRE ZONE VALVE, HUMIDIFY/DEHUMIDIFY	1/1	2/2	4/2	7, 5/1/1, 0	
S1-1F97-1277	12.0	SINGLE-STAGE HEAT PUMP, GAS/OIL/ELECTRIC, MILLIVOLT	1/1	--	1/1	7, 5/1/1, 0	

Thermostats

EMERSON DIGITAL THERMOSTATS

Emerson Blue™ Universal Touchscreen Thermostats

Indoor Temperature Sensor

SOURCE 1 PART NO.	DESCRIPTION	MLP \$
S1-F145-1328	INDOOR TEMPERATURE SENSOR	

Outdoor Temperature Sensor

SOURCE 1 PART NO.	DESCRIPTION	MLP \$
S1-F145-1378	OUTDOOR TEMPERATURE SENSOR	

Emerson Sensi Thermostats

with Wi-Fi



Universal Thermostat with Remote Access

- Connect your customers to their home comfort - anytime and anywhere.
- Easy to Install
- No "C wire" required for most HVAC applications - works with existing wiring.
- Simple to connect
- Commissioning and operating thermostat is through easy-to-use Sensi app.
- Thermostat controls heating and cooling with or without Wi-Fi connection.
- Puts you in touch
- Keeps your contact information in your customer's smart phone or tablet - so you are just a tap away when service is needed.
- Backed by experience
- Controls to +/- 1 degree - a difference you will feel!
- Industry leading 5-Year Limited Warranty

Specifications:

- Universal Application | 4 Heat / 2 Cool
- Choice of battery-powered with optional power stealing assist or hardwired with battery backup (2 AA batteries included)
- Multiple thermostats / multiple programs easily managed within Sensi app from multiple devices
- Location based temperature & weather display and automatic Daylight Savings adjustment
- Auto heat/cool changeover option
- Permanent program retention during power loss
- A/C compressor protection
- Installing contractor contact information resides in the Sensi App

SOURCE 1 PART NO.	DESCRIPTION	MLP \$
S1-1F86U-42WF	TSTAT,SENSI,WIFI,UNIVERSAL,7 DAY,2H/4C	

Thermostats

EMERSON DIGITAL THERMOSTATS

Emerson Blue™ 4-Inch & 6-Inch Thermostats



Features:

- Configures as manual heat/cool, auto changeover, heat only or cool only
- Exclusive Cool Savings feature saves energy during peak A/C demand periods
- Hydronic 2- or 3-wire applications
- Three anticipation settings
- Exclusive battery power monitor
- Easy access battery compartment
- Permanent program retention during power loss

Specifications:

- **Dimensions:** 4.5"W x 3.5"H x 1.1"D
- **Electrical:** Rating 0–30 VAC, 50/60 Hz or DC
- **Load (per terminal):** 0.05–1.0 A
- **Load (all terminals combined):** 1.5 A maximum
- **Setpoint Temperature Range:** 45°–90°F (7°–32°C)
- **Differential:** 0.4°–1.7°F with adjustable anticipation
- **Operating Ambient Temperature:** 32°–105°F (0°–40°C)
- **Operating Humidity Range:** 90% non-condensing maximum
- **Accessories:** Wall plate, 6.5"W x 5"H (vendor part number F61-2634) included with S1-1F80-0471

SOURCE 1 PART NO.	DISPLAY SIZE (SQ. IN.)	SYSTEM/STAGES (HEAT/COOL)			PROGRAM	APPLICATIONS	POWER	MLP \$
		SINGLE STAGE	MULTI STAGE	HEAT PUMP				
S1-1F80-0471	4.0	1/1	--	1/1	5/1/1, 5/2, 0	GAS/OIL/ELECTRIC, MILLIVOLT 3-WIRE ZONE VALVE	BATTERY,HARDWIRED	
S1-1F80ST-0471	4.0	1/1	--	1/1	5/1/1, 5/2, 0	GAS/OIL/ELECTRIC, MILLIVOLT 3-WIRE ZONE VALVE	BATTERY,HARDWIRED	
S1-1F83-0422	4.0	1/1	2/2	2/1	--	GAS/OIL/ELECTRIC, MILLIVOLT 3-WIRE ZONE VALVE	BATTERY,HARDWIRED	
S1-1F85-0422	4.0	1/1	2/2	2/1	5/1/1, 5/2, 0	GAS/OIL/ELECTRIC,SINGLE STAGE HEAT PUMP, MULTI STAGE HEAT PUMP,MILLIVOLT, 3-WIRE ZONE VALVE	BATTERY,HARDWIRED	
S1-1F85-0477	4.0	1/1	2/2	3/2	7.5/1/1, 5/2	GAS/OIL/ELECTRIC, MILLIVOLT 3-WIREZONE VALVE	BATTERY,HARDWIRED	
S1-1F85ST-0422	4.0	1/1	2/2	2/1	5/1/1, 5/2, 0	GAS/OIL/ELECTRIC, MILLIVOLT 3-WIREZONE VALVE	BATTERY,HARDWIRED	
S1-1F86-0471	4.0	1/1	--	1/1	--	GAS/OIL/ELECTRIC, MILLIVOLT 3-WIREZONE VALVE	BATTERY,HARDWIRED	
S1-1F86ST-0471	4.0	1/1	--	1/1	--	GAS/OIL/ELECTRIC, MILLIVOLT 3-WIREZONE VALVE	BATTERY,HARDWIRED	
S1-1F95-0671	6.0	1/1	2/2	4/2	7, 5/1/1, 0	GAS/OIL/ELECTRIC, MILLIVOLT 3-WIREZONE VALVE	BATTERY,HARDWIRED POWER ASSIST	À
S1-1F95EZ-0671	6.0	1/1	2/2	4/2	0, 7	GAS/OIL/ELECTRIC, MILLIVOLT 3-WIREZONE VALVE	BATTERY,HARDWIRED POWER ASSIST	

Thermostats

EMERSON DIGITAL THERMOSTATS

Emerson Blue™ 2-Inch Thermostats

For Single-Stage & Heat Pump Applications



Features:

- Easy-to-read lighted LCD display
- Dual-powered—choice of battery-powered or hardwired for all applications
- Fast (FA) or slow (SL) heating cycle anticipation
- Easy-to-wire push-connect color-coded terminals
- Compressor lockout protection
- Millivolt compatible
- Electric heat option

Programmable Model Features:

- 4 time and 4 temperature settings per program (heat and cool)
- Energy savings up to 33%
- Permanent program retention during power loss
- Setpoint Hold
- Temporary temperature override two-hour minimum or until next program period
- Selectable Energy Management Recovery
- Meet Energy Star specifications (S1-1F82- 0261 & S1-1F80-0261)
- Meets California Building Code, Title 24

Specifications:

- **Dimensions:** 4.8"W x 3.8"H x 1.5"D
- **Electrical Rating:** 0–30 VAC, 50/60 Hz or DC, 0.05–1.5 Amps (load per terminal), 1.5 Amps maximum load (all terminals combined)
- **Standard Systems:** gas, oil, electric, single stage/heat pump, millivolt
- **Setpoint Temperature Range:** 45°F–90°F (7°–32°C)
- **Rated Differential:** 0.6°–1.7°F with adjustable anticipation
- **Operating Ambient Temperature:** 32°–105°F (0°–40°C)
- **Operating Humidity Range:** 90% non-condensing maximum
- **Shipping Temperature Range:** –40°–150°F (–40°–65°C)

SOURCE 1 PART NO.	DISPLAY SIZE (SQ. IN.)	APPLICATIONS	STAGES		PROGRAM	POWER	ENERGY MANAGEMENT RECOVERY	TERMINATIONS	MLP \$
			HEAT	COOL					
S1-1F80-0224	2.0	GAS/OIL/ELECTRIC, MILLIVOLT	1	1	24-HOUR	BATTERY, HARDWIRED	YES	R, C, Y, W, G, O/B	
S1-1F80-0261	2.0	GAS/OIL/ELECTRIC, MILLIVOLT	1	1	5/1/1	BATTERY, HARDWIRED	YES	R, C, Y, W, G, O/B	
S1-1F82-0261	2.0	HEAT PUMP	2	1	5/1/1	BATTERY, HARDWIRED	YES	R, C, Y, W2, G, O/B, L	
S1-1F86-0244	2.0	GAS/OIL/ELECTRIC, MILLIVOLT	1	1	--	BATTERY, HARDWIRED	NO	R, C, Y, W, G, O/B	
S1-1F86EZ-0251	2.0	GAS/OIL/ELECTRIC, MILLIVOLT	1	1	NO	BATTERY, HARDWIRED	NO	R, C, Y, W, G, O/B	
S1-1F89-0211	2.0	HEAT PUMP	2	1	--	BATTERY, HARDWIRED	NO	R, C, Y, W2, G, O/B, L	

Thermostats

HONEYWELL DIGITAL THERMOSTATS

THM5320R1000 Equipment Interface Module



Easily relocate thermostat or upgrade equipment without running new wires using this module and a wireless FocusPRO® thermostat.

Features:

- Powered by RedLINK™ reliability
- No interference with other wireless devices in the home
- Works with TH5320R1002 Wireless FocusPRO® thermostats
- Input for Return Air Sensor
- Quick-connect terminal blocks
- LEDs for power and system status

SOURCE 1 PART NO.	DESCRIPTION	MLP \$
S1-THM5320R1000	RF EQUIPMENT INTERFACE MODULE	

THM6000R1002 RedLINK Internet Gateway



Product Specifications:

- Application - Internet control of RedLINK thermostats; Up to 4 Heat/2 Cool Heat Pumps
- Dimensions (in.) - 3 15/16 in. High, 6 7/8 in. Wide, 1 1/2 in. Deep; 6 in. long X 5 in. tall X 2 1/2 in. wide
- Includes 3 Foot Ethernet Cable and Plug in Power Adapter
- Used With RedLINK™ enabled thermostats and accessories
- Electrical Ratings - 20 to 30 Vac
- Stages - See Equipment Interface Module
- Electrical Connections - Screw terminals; 24 Volt plug in transformer
- Operating Humidity Range (% RH) - 5 to 90% RH, non-condensing
- Supply Voltage - 18 to 30 Vac
- Switch Positions (System) - HEAT-OFF-COOL-AUTO-EM.HEAT
- Operating Temperature Range (F) - 32 F to 120 F
- Operating Temperature Range (C) - 0 C to 48.9 C
- Power Method - 24 Volt Plug In Transformer; Hardwired
- Terminal Designations - R, C then RedLINK to Equipment Interface Module
- External Sensors Available - Outdoor (optional)

SOURCE 1 PART NO.	DESCRIPTION	MLP \$
S1-THM6000R1002	RF EQUIPMENT INTERFACE MODULE	

C7089 Outdoor Sensor for TH8000 Thermostats



Specifications:

Display Range: -40° to 127°F (-40° to 53°C)

Sensor Accuracy: ±1.5°F at 70°F (±0.84°C at 21°C)

Dimensions: 2-1/4" x 3/8" with 60" leadwires (57mm x 10mm with 1524mm leadwires)

SOURCE 1 PART NO.	APPLICATIONS	OPERATING RELATIVE HUMIDITY	OPERATING TEMPERATURE RANGE (AMBIENT)	MLP \$
S1-C7089U1006	USED WITH TH9000 AND TH8000 THERMOSTAT FAMILIES ALSO SUITABLE FOR USE WITH SOURCE 1 COLOR TOUCHSCREEN THERMOSTAT S1-THPU32P7S.	5% TO 95% NON-CONDENSING	-40° TO 120°F (-40° TO 49°C)	

C7089R Wireless Outdoor Temperature Sensor



Senses outdoor temperature and humidity to display on RedLINK™ enabled thermostats and accessories

Features:

- Powered by RedLINK™ reliability
- No interference with other wireless devices in the home
- Reliable performance in all climates
- Installs in minutes
- Up to 5 year battery life
- 2 month low battery warning
- Battery warning displayed on RedLINK™ enabled thermostats
- Includes 2 AA Lithium batteries and mounting hardware

SOURCE 1 PART NO.	DESCRIPTION	MLP \$
S1-C7089R1013	WIRELESS TEMP/HUM SENSOR	

C7189R Indoor Remote Temperature Sensor



Specifications:

• Operating Ambient Temperature Range: 45° to 88°F (7.2° to 32°C)

• Display Range: 0° to 99°F (-18° to 37°C)

• Sensor Accuracy: ±1.5°F at 70°F (±0.84° at 21°C)

• Operating Relative Humidity: 5% to 95% non-condensing

• Finish: White

- Resistance Characteristics: Negative temperature coefficient (NTC). Resistance decreases as the temperature increases.
- Dimensions in inches (mm): 1-1/2 (38) wide x 2-1/4 (57) high x 3/4 (19) deep.
- Distance: Maximum distance between thermostat and sensor is 200 feet.

SOURCE 1 PART NO.	DESCRIPTION	OPERATING TEMPERATURE RANGE	MLP \$
S1-C7189U1005	INDOOR REMOTE TEMPERATURE SENSORS FOR USE WITH TH9000 AND TH8000 THERMOSTAT FAMILIES	45° TO 88°F (7.2° TO 32°C)	

Thermostats

HONEYWELL DIGITAL THERMOSTATS

C7189R Wireless Indoor Temperature Sensor



Used to sense indoor temperature remotely

Features:

- Used to sense temperature if the thermostat is installed in a poor temperature sensing location.
- Small remote temperature sensor to match any room decor.
- Easy to install and use.
- Factory calibrated; no field calibration required.
- Works with a maximum 200 foot wire run.

SOURCE 1 PART NO.	DESCRIPTION	MLP \$
S1-C7189R1004	WIRELESS INDOOR TEMPERATURE SENSOR	

10 K ohm NTC non-linear Temperature Wall Module

For Averaging Only



Features:

- Models available with user selectable setpoint adjustment dials in Fahrenheit, Celsius and Relative Scales
- Models available with occupied/unoccupied override (bypass) with LED
- Models available with 3-position (auto/0/1) or 5-position (auto/0/1/2/3 speed) fan switch
- LONWORKS network jack on all models except the TR21 and TR21-A models
- Models available with on board humidity sensor, humidity output: 0-10Vdc, 0-5 Vdc, 4-20ma selectable

SOURCE 1 PART NO.	DESCRIPTION	MLP \$
S1-TR21-A	SENSOR,TEMPERATURE,AVERAGING,INDOOR RMTE	

Digital Non-Programmable VisionPRO® TH5110, TH5220 & TH5320 Thermostats



FocusPRO non-programmable digital thermostats provide electronic control of 24 VAC conventional and heat pump systems or 750mV heating systems.

Features:

- Non-programmable digital thermostat.
- Large, clear, backlit display - easy to read in various lighting conditions.
- Display size options - available in large screen or standard.
- Precise comfort control ($\pm 1^{\circ}\text{F}$) – maintains consistent comfort to the highest level of accuracy.
- Easy change battery door - flip out door allows for easy battery replacement without removing or disassembling the thermostat.

Specifications:

Mounting: Horizontal

Changeover: Automatic/Manual Selectable

Color: Premier White

Power Method: Battery or Hardwired

Fan Switch Positions: AUTO-ON

Switch Type: Relay

Setting Temperature Range: Heat: 40°F– 90°F; Cool: 50°F–99°F (Heat: 4.5°C–32°C; Cool: 10°C–37°C)

Electrical Ratings: 20 to 30 VAC

Frequency: 60 Hz; 50 Hz

Sensor Element: Thermistor

Ambient Temperature Range: 32°F–120°F (0°C–48.9°C)

Operating Humidity Range: 5 to 90% RH, non-condensing

SOURCE 1 PART NO.	APPLICATIONS	TERMINAL DESIGNATIONS	SWITCH POSITIONS (SYSTEM)	DIMENSIONS	STAGES		MLP \$
					HEAT	COOL	
S1-TH5110D1022	24 VAC CONVENTIONAL & HEAT PUMP SYSTEMS;750 MV HEATING SYSTEMS	R, RC, C, W (O/B), Y, G	HEAT-OFF COOL-AUTO	3-7/16"H X 4-1/2"W X 1-5/16"D (88MM H X 114MM W X 33MM D)	1	1	
S1-TH5220D1029	24 VAC CONVENTIONAL & HEAT PUMP SYSTEMS;750 MV HEATING SYSTEMS	RC, R, W (O/B),W2 (AUX), Y,Y2 (E), G, L, C	HEAT-OFF-COOL AUTOEM. HEAT	3-9/16"H X 5-13/16"W X 1-1/2"D (99MM H X 147MM W X 38MM D)	2	2	
S1-TH5320U1001	24 VAC CONVENTIONAL & HEAT PUMP SYSTEMS;750 MV HEATING SYSTEMS	R, RC, W(O/B), W2(Aux/E), Y, Y2, G, L, C	HEAT-OFF-COOL AUTOEM. HEAT	3-9/16"H X 5-13/16"W X 1-1/2"D (99MM H X 147MM W X 38MM D)	2	2	

Thermostats

HONEYWELL DIGITAL THERMOSTATS

Digital Round Thermostat



Provides single-stage temperature control for 24V heating-cooling systems with manual changeover from heat to cool.

Features:

- Attractive styling complements any decor.
- Large easy-to-read display.
- Backlit display. On-demand backlighting makes it easy to read the display in a dark room or hallway.
- No batteries required.
- Easy installation, set up and 5-minute compressor bypass saves time and increases installer productivity.
- The temperature setting is held permanently in memory in the event of a power failure.
- Powered through heating-cooling system controls.
- System and Fan switches, Manual changeover from heat to cool.
- Easily configurable by the use of DIP switches, F or C temperature display.
- Selectable heating cycle rates (1, 3, 6, 9 cph) for a variety of applications.
- Cooling cycle rate is fixed at 3 cph. This is the standard compressor setting for quick installations.
- Minimum off-time for compressors in the cooling mode. Protects and extends the life of the equipment.

Specifications:

Mounting: Front wired

Changeover: Manual

Color: Premier White

Power Method: Powered through heating-cooling system controls

Switch Type: Electronic

Accuracy (F): 0.5°C

Accuracy (C): 1°F

Dimensions (in.): 3-11/16" diameter x 1-7/16"D

Dimensions (mm): 94 mm diameter x 37 mm D

Setting Temperature Range (F): 40°F to 90°F in heating; 45°F to 99°F in cooling

Setting Temperature Range (C): 4.5°C to 32°C in heating; 7°C to 37°C in cooling

Electrical Ratings: 20 to 30 VAC

Cycles per Hour Adj.: 1,3,6,9

Ambient Temperature Range (F): 40°F to 110°F

Ambient Temperature Range (C): 4.5°C to 43.3°C

Humidity Ratings (%RH): 5 to 90% RH Includes Wallplate, 4074FAB resistor, mounting screws and wall anchors

SOURCE 1 PART NO.	APPLICATIONS	STAGES		TERMINAL DESIGNATIONS	SWITCH POSITIONS		MLP \$
		HEAT	COOL		FAN	SYSTEM	
S1-T8775C1005	24 VAC GAS, OIL AND ELECTRIC HEATING WITH COOLING, INCLUDING 1 HEAT/1 COOL HEAT PUMPS	1	1	R, RC, O, B, G, Y, W	AUTO-ON	OFF-HEAT-COOL	

Thermostats

HONEYWELL DIGITAL THERMOSTATS

Honeywell 2-Wire IAQ HD Color Touchscreen White Front/White Side Thermostat with RedLINK™ Technology



The Prestige® IAQ thermostat is a 2 wire high definition color touch screen thermostat, 7 day programmable and selectable for residential or light commercial use. Controls up to 4-stages of heat and 2-stages of cool in a heat pump system and up to 3-stages of heat and 2-stages of cool in a conventional system. Three sets of Universal IAQ contacts to control humidification, dehumidification, and ventilation. Four sensor inputs for wired sensors or dry contact devices. Works with the Equipment Interface Module and RedLINK® accessories including the RedLINK® Internet Gateway, Portable Comfort Control, Wireless Outdoor Sensor and Wireless Indoor Sensor.

Features:

- Control heating, cooling and IAQ equipment with only 2 wires at the thermostat. Heating, cooling and IAQ equipment wires to the Equipment Interface Module.
- Smart Schedule - programs in seconds for any lifestyle
- Patented interview based programming and installer setup.
- RedLINK™ wireless communication.
- Increase profit per job by including RedLINK™ accessories that provide comfort and convenience. RedLINK™ accessories include the RedLINK™ Internet Gateway, Portable Comfort Control (PCC), Wireless Outdoor Sensor, Wireless Indoor Sensor, Wireless Entry/Exit Remote, Wireless Vent and Filter Boost Remote, TrueSTEAM™ humidifier with Wireless Adapter and TrueZONE® zoning panel with Wireless Adapter.
- Selectable for residential and light commercial applications. Meets commercial code and is title 24 compliant.
- Light commercial - commercial language (occupied and unoccupied), schedule holidays and custom events, remote setback, economizer and time of day.
- Delta T Alerts and Diagnostics informs customers when their system is not performing as expected with instructions to contact the dealer. Provides a sense of security and greater comfort while generating repeat business.
- Performance Logs - Keeps a history of heating and cooling performance. The performance log includes Minimum and Maximum
- Delta T, Minimum and Maximum Discharge Temperature, Minimum and Maximum Return Temperature, Minimum and Maximum
- Indoor Temperature/Humidity, Minimum and Maximum Outdoor Temperature/Humidity and Run Time. Quickly determine if the system is performing as expected and reduces service time on the job.
- Customizable Service Reminders allow dealers to remind their customers when its time to call for service, when their warranty is expiring and to provide customized alerts.
- USB port for transferring Installer Setup, Customizable Reminders, Custom Events and Holidays to multiple thermostats.
- 3 assignable outputs to control humidification, dehumidification, ventilation and a stage of heating or cooling.
- 4 assignable inputs on the Equipment Interface Module can be used with wired outdoor, indoor or discharge sensors, occupancy sensor for remote setback and dry contact devices to trip pre-packaged or custom alerts such as a full drain pan or water leak.
- Extend wireless range of the Equipment Interface Module by connecting a THM4000R1000 Wireless Adapter to the ABCD terminals.
- Tri-lingual - English, French and Spanish display options.
- Precise temperature control (+/- 1° F) for reliable and consistent temperature.
- Multiple staging options to provide comfort or energy savings

SOURCE 1 PART NO.	DESCRIPTION	MLP \$
S1-THX9421R5021WW	2-WIRE IAQ HIGH DEFINITION COLOR TOUCHSCREEN	

Honeywell C7772 Temperature Sensors



C7772 Temperature Sensors are designed for the Excel 5000 family and other Honeywell controllers. They provide a resistive output signal and are well suited for low profile wall mounted applications.

Features:

- Low profile when mounted on industry standard utility conduit box
- Rugged, brushed stainless steel wallplate
- Integral foam pad isolates wallplate sensor from conduit box
- Insulated screw terminals ensure reliable field wiring connection
- Models available with a variety of resistive temperature sensor elements

SOURCE 1 PART NO.	DESCRIPTION	MLP \$
S1-C7772A1004	20 K OHM NTC FLUSH WALL MOUNT TEMPERATURE SENSOR	

Honeywell C7770 Temperature Sensors



Direct wired temperature sensor used to discharge or return air temperature in a duct controlled by an Excel 10 Series 2000 Controller. 20K ohm NTC Duct Temp Sensor, 6 in. probe/6 ft plenum cable, 45-99F

Features:

- Primary and/or secondary sensor for use with electronic control systems
- Integral 20 K ohm non-linear NTC thermistor
- Rugged aluminum insertion probe

SOURCE 1 PART NO.	DESCRIPTION	MLP \$
S1-C7770A1040	20 K OHM NTC DUCTL MOUNT TEMPERATURE SENSOR	

Thermostats

HONEYWELL DIGITAL THERMOSTATS

Honeywell RedLINK Wireless Entry/Exit Remote



Product Specifications:

- Hazmat Information: UN 3091 Lithium metal batteries packed in/with equipment
- Application: Heating and Cooling systems, RedLINK Thermostat Accessory
- Dimensions (in.): 6 1/4 in. high x 3 1/8 in. wide x 1 5/8 in. deep
- Used With: RedLINK™ enabled thermostats and accessories
- Operating Humidity Range (% RH): 5 to 90% RH, non-condensing
- Operating Temperature Range (F): 35 F to 114 F for optimal battery life
- Operating Temperature Range (C): 1.7 C to 45.6 C for optimal battery life
- Sensor Element: Thermistor
- Color: White
- Power Method: Battery, Lithium Coin Cell

SOURCE 1 PART NO.	DESCRIPTION	MLP \$
S1-REM1000R1003	REDLINK WIRELESS ENTRY/EXIT REMOTE	

Honeywell REM5000R Portable Comfort Control



Use the Portable Comfort Control anywhere in the home to experience a new level of comfort and convenience. Works in both zoned and non-zoned applications.

Features:

- Powered by RedLINK™ reliability
 - No interference with other wireless devices in the home
 - Works with compatible RedLINK™ enabled thermostats and accessories
 - Installs in minutes
 - Touchscreen interface with backlit display
 - Can display outdoor temperature and humidity
 - Built-in pager with an audible noise helps locate the device in the home
 - Screen-lock feature helps prevent accidental changes
 - 1 year battery life
 - 2 month low battery warning
- In Non-Zoned Applications:**
- Bring it with you anywhere in the home to sense and control temperature from the room that you are in.
- In Zoned Applications:**
- View and adjust all RedLINK™ enabled thermostats from a single control.
 - Controls up to 16 thermostats

SOURCE 1 PART NO.	DESCRIPTION	MLP \$
S1-REM5000R1001	PORTABLE COMFORT CONTROL FOR REDLINK TSTATS	

Honeywell Lyric T6 Pro Wi-Fi Programmable Thermostats



The T Series programmable thermostat streamlines everything from product selection and installation to customer service and support. With a standard footprint and simple interface, the T Series will enhance the entire thermostat experience for you and your customers alike.

Features

- Color: White
- Power Method: Hardwired
- Screen: LED Back Light, Touch Screen
- Display Size: 6.89 sq in.

Product Specifications:

- Application: 24 VAC systems; Gas, Oil Electric Warm Air; Hot water Coil; Gas, Oil, Electric Hydronic; or Steam/Gravity Systems
- Dimensions (in.): 4 1/16 in. high x 4 1/16 in. wide x 1 3/32 in. deep
- Electrical Ratings: 20 to 30 VAC
- Operating Humidity Range (% RH): 5 to 90% RH, non-condensing
- Operating Temperature Range (F): 35 F to 102 F
- Operating Temperature Range (C): 2.7 C to 39 C
- Programmability: 7day, 5-1-1 day, 5-2 day, 1 day, Geolocation or Non-programmable

SOURCE 1 PART NO.	DESCRIPTION	MLP \$
S1-TH6220WF2006/U	TSTAT,PRGRM,7DAY,2H/1(2)C,LYRIC T6	
S1-TH6320WF2003/U	TSTAT,PRGRM,7DAY,3(2)H/2C,LYRIC T6	

Thermostats

HONEYWELL DIGITAL THERMOSTATS

Honeywell VisionPRO® 8000 with RedLINK™ Technology for Residential or Commercial Use



VisionPRO® 8000 with RedLINK™ is a 7 day programmable touchscreen thermostat that is selectable for residential or light commercial use. The thermostat can be wired directly to the equipment, used with the THM5421R1021 Equipment Interface Module or used with the THM4000R1000 TrueZONE Wireless Adapter. Works with the RedLINK™ accessories including the RedLINK™ Internet Gateway, Portable Comfort Control, Wireless Outdoor Sensor, Wireless Indoor Sensor, Wireless Entry/Exit Remote and Wireless Vent and Filter Boost Remote.

Features:

- Thermostat works standalone or with the THM5421R1021 Equipment Interface Module or with the TrueZONE Wireless Adapter.
- Smart Schedule - programs in seconds for any lifestyle.
- Patented interview based programming and installer setup.
- RedLINK™ wireless communication.
- Increase profit per job by including RedLINK™ accessories that provide comfort and convenience. RedLINK™ accessories include the RedLINK™ Internet Gateway, Portable Comfort Control (PCC), Wireless Outdoor Sensor, Wireless Indoor Sensor, Wireless.
- Entry/Exit Remote, Wireless Vent and Filter Boost Remote, TrueSTEAM™ humidifier with Wireless Adapter and TrueZONE® zoning panel with Wireless Adapter.
- Selectable for residential and light commercial applications. Meets commercial code and is title 24 compliant.
- Light commercial - commercial language (occupied and unoccupied), schedule holidays and custom events, remote setback, economizer and time of day. Remote Setback requires the THM5421R1021 Equipment Interface Module.
- Plain language setup, no manual needed.
- Alerts and User Interactions Log - Keeps a searchable history of alerts and setting changes to the thermostat to determine if there is a system malfunction or if the issue was caused by a user error. Saves time in troubleshooting and points the technician in the right direction. The Alert and User Interaction Logs are viewable on a computer after you download them from the thermostat to a microSD card.
- Customizable Service Reminders allow dealers to remind their customers when its time to call for service, when their warranty is expiring and to provide customized alerts.
- MicroSD port for copying the Installer Setup, Customizable Reminders, Custom Events and Holidays to multiple thermostats.
- MicroSD port for adding the dealer's contact information on the screen.
- One assignable output on the TH8321 model to control humidification, dehumidification, ventilation or a stage of heating/cooling.
- Three assignable outputs on the Equipment Interface Module to control humidification, dehumidification, ventilation or a stage of heating/cooling. The TH8110 and TH8320 models require the use of a Wireless Indoor Sensor to control humidification and dehumidification.
- One assignable input can be used with a wired outdoor, indoor or discharge sensor.
- Four assignable inputs on the Equipment Interface Module can be used with wired outdoor, indoor or discharge sensors, occupancy sensor for remote setback and dry contact devices to trip pre-packaged or custom alerts such as a full drain pan or water leak.
- Extend wireless range of the Equipment Interface Module by connecting a THM4000R1000 Wireless Adapter to the ABCD terminals.
- Dual powered - battery or hardwired (C wire).
- Precise temperature control (+/- 1° F) for reliable and consistent temperature.
- Multiple staging options to provide comfort or energy savings.

SOURCE 1 PART NO.	DESCRIPTION	MLP \$
S1-TH8110R1008	VISIONPRO® 8000 WITH REDLINK - STAGES UP TO 1 HEAT / 1 COOL	
S1-TH8320R1003	VISIONPRO® 8000 WITH REDLINK - STAGES UP TO 3 HEAT / 2 COOL	
S1-TH8321R1001	VISIONPRO® 8000 WITH REDLINK - STAGES UP TO 3 HEAT / 2 COOL	

Honeywell Wireless FocusPro® System Kit



Everything you need to relocate thermostat or upgrade equipment without running new wires!

Features:

- Same great features of the FocusPRO thermostats—now wireless
- Can display outdoor temperature and humidity
- 1-year battery life; 2-month low battery warning
- Installs in minutes

SOURCE 1 PART NO.	DESCRIPTION	INCLUDES	MLP \$
S1-YTH5320R1000	WIRELESS THERMOSTAT KIT-NON-PROGRAMMABLE	TH5320R1002 WIRELESS FOCUSPRO THERMOSTAT, THM5320R1000 EQUIPMENT INTERFACE MODULE, AND C7735A1000 RETURN AIR SENSOR	

Thermostats

HONEYWELL DIGITAL THERMOSTATS

TH3000 Series Digital Thermostats



Honeywell's PRO 3000 Series offers a basic, non-programmable thermostat with the convenience of an easy-to-read digital display.

SOURCE 1 PART NO.	APPLICATIONS	TERMINAL DESIGNATIONS	POWER SOURCE	STAGES		MLP \$
				HEAT	COOL	
S1-TH3110D1008	24 VAC SINGLE-STAGE HEATING AND COOLING SYSTEMS OR 750MV HEATING SYSTEM	R, RC, C, W, Y, G, O, B	HARDWIRED OR BATTERY	2	1	
S1-TH3210D1004	24 VAC HEAT PUMP SYSTEMS WITH AUXILIARY HEAT	R, C, Y, AUX, E, G, O, B, L	HARDWIRED OR BATTERY	1	1	

TH4000 Series Digital Thermostats



Features:

- Separately programmable weekday/weekend schedules
- One-touch temperature control overrides program schedule at any time
- Built-in compressor protection

Specifications:

Temperature Ranges: Heat 40°–90°F (4.5°– 32°C), Cool 50°–99°F (10°–37°C)

Operating Ambient Temperature: 32°–120°F (0°–48.9°C)

Operating Relative Humidity: 5%–90% (noncondensing)

Dimensions: 3-13/16"H x 5-3/8"W x 1-1/4"D (97mmH x 137mmW x 32mmD)

Electrical Ratings: 20–30 VAC, 0.02–1.0 A running current

SOURCE 1 PART NO.	APPLICATIONS	TERMINAL DESIGNATIONS	POWER SOURCE	PROGRAM	STAGES		MLP \$
					HEAT	COOL	
S1-TH4110D1007	24 VAC SINGLE-STAGE HEATING AND COOLING SYSTEMS, OR 750 MV HEATING SYSTEMS.	R, RC, C, W, Y, G, O, B	HARDWIRED OR BATTERY	5 + 2	2	1	
S1-TH4210D1005	24 VAC HEAT PUMP SYSTEMS WITH AUXILIARY HEAT (2 HEAT/1 COOL)	R, C, Y, Aux, E, G, O, B, L	HARDWIRED OR BATTERY	5 + 2	1	1	

T7350 Commercial Programmable Thermostat

For Single- or Multiple Conventional/Heat Pump Systems



The T7350 controls 24 VAC commercial single zone heating, ventilating and air conditioning equipment. The T7350 consists of a thermostat and subbase. The thermostat includes the keypad and display for 7-day programming. The subbase includes equipment control connections.

Features:

- Typically used in buildings under 55,000 square feet.
- For single zone rooftop units, split systems, heat pumps or hot/chilled water systems.
- 7-day programming includes 2 Occupied and 2 Not Occupied periods per day.
- Individual heat and cool setpoints available for Occupied and Not Occupied periods.
- Recovery ramp control automatically optimizes equipment start times based on building load.
- Convenient overrides allow temporary setpoint changes.
- Keypad multi-level lockout available with all models.
- The thermostat maintains programmed times and temperatures for the life of the product. Clock and day information is retained for a minimum of 48 hours in the event of a power outage.

Specifications:

Electrical Power: 24 VAC, 50/60 Hz; 20–30 VAC, 50/60 Hz

Operating Humidity: 5%–90% RH, noncondensing

Operating Ambient Temperatures: 30°– 110°F (-1°–43°C)

Display Accuracy: ±1°F (±1°C)

Setpoint Ranges:

Heating: 40°–90°F (4°–32°C)

Cooling: 45°–99°F (7°–37°C)

SOURCE 1 PART NO.	APPLICATIONS	STAGES		FEATURES	AUXILIARY RELAY	MLP \$
		HEAT	COOL			
S1-T7350B1002	CONVENTIONAL OR HEAT	2	1	OUTDOOR, DISCHARGE AIR CAPABILITY	YES	
S1-T7350H1009	CONVENTIONAL OR HEAT PUMP	1	1	HUMIDITY, OCCUPANCY, OUTDOOR, DISCHARGE AIR CAPABILITY	ISOLATED NORMALLY OPEN	

* All models are down-selectable; can be configured to control fewer stages than the maximum allowed.

† One extra stage (of either heat or cool) can be configured using the auxiliary relay.

** Heat pump applications for this model have a maximum of 2 heat stages and 2 cool stages.

Thermostats

HONEYWELL MECHANICAL THERMOSTATS

The Round Mercury-Free Thermostat



This thermostat features a precision electronic switch that completely eliminates the need for mercury, for environmentally-friendly performance. Precision, accuracy and reliability continue to be hallmarks of this popular, classic design.

SOURCE 1 PART NO.	DESCRIPTION	STAGES		MLP \$
		HEAT	COOL	
S1-T87K1007	THE ROUND® MERCURY-FREE THERMOSTAT	1	0	

THERMOSTAT GUARDS

Diversitech Thermostat Guards

Beige Steel w/ Ring Base



SOURCE 1 PART NO.	DESCRIPTION	MLP \$
S1-DT-585-TG8	BEIGE STEEL W/RING BASE, 5 IN. X 3 IN. X 2-3/4 IN.	
S1-DT-585-TG4	BEIGE STEEL W/RING BASE, 6 IN. X 4 IN. X 3 IN.	

Beige Steel w/ Solid Base



SOURCE 1 PART NO.	DESCRIPTION	MLP \$
S1-DT-585-TG7	BEIGE STEEL W/SOLID BASE, 5-1/2 IN. X 3-1/2 IN. X 2-3/4 IN.	
S1-DT-585-TG3	BEIGE STEEL W/SOLID BASE, 6 IN. X 4 IN. X 3 IN.	

Beige Steel w/ Two Bases



SOURCE 1 PART NO.	DESCRIPTION	MLP \$
S1-DT-585-TG9	BEIGE STEEL W/TWO BASES, 6 IN. X 4 IN. X 3 IN.	

Clear Plastic w/ Solid Base



SOURCE 1 PART NO.	DESCRIPTION	MLP \$
S1-DT-585-TG5	CLEAR PLASTIC W/SOLID BASE, 3-1/2 IN. X 3-1/4 IN. X 2-1/4 IN.	

Clear Plastic w/ Two Bases



SOURCE 1 PART NO.	DESCRIPTION	MLP \$
S1-DT-585-TG2	CLEAR PLASTIC W/TWO BASES, 4-3/4 IN. X 4-1/4 IN. X 2-3/4 IN.	
S1-DT-585-TG1	CLEAR PLASTIC W/TWO BASES, 5-3/4 IN. X 3-1/2 IN. X 2-3/4 IN.	
S1-DT-585-TG6	CLEAR PLASTIC W/TWO BASES, 6-1/4 IN. X 3-3/4 IN. X 1-3/4 IN.	
S1-DT-585-TG	PLASTIC THERMOSTAT GUARDS, CLEAR W/TWO BASES, 8-1/4 IN. X 4-1/2 IN. X 3-1/4 IN.	

Thermostats

THERMOSTAT GUARDS

Beko Thermostat Guards

Classic Series- Medium Size

SOURCE 1 PART NO.	DESCRIPTION	CTN. QTY.	MLP \$
S1-BTGK	CLEAR PLASTIC DUAL (2 BASES)	12	

Elite Series

SOURCE 1 PART NO.	DESCRIPTION	CTN. QTY.	MLP \$
S1-BTGEK	CLEAR PLASTIC (SOLID BASES)	12	

Sentinal Series

SOURCE 1 PART NO.	DESCRIPTION	CTN. QTY.	MLP \$
S1-BTG54VL	BEIGE METAL, SOLID	12	

Universal Series

SOURCE 1 PART NO.	DESCRIPTION	CTN. QTY.	MLP \$
S1-BTGUK2	CLEAR PLASTIC (2 BASES)	12	

RESIDENTIAL ACCESSORY THERMOSTATS

ICM Temporary Construction Thermostats



The SC045 to SC075 series thermostats are low-cost, single setpoint thermostats intended for use as temporary devices to provide heating or cooling to allow drywall to dry during construction. They also can be used as a low ambient cutoff switch.

Features:

- Two-wire installation
- Six fixed setpoint models to choose from: 45oF to 75oF
- Temporary use for dryout applications
- Can be used as a low ambient cutoff switch

Specifications:

Input: 18-30 VAC

Output: 2 amp maximum

Temperature Control Range: 45°F to 75°F (±5°F)

Mode Of Operation

Heat/Cool Thermostat- The heating models will close when the ambient temperature drops below the respective setpoint and open when the ambient temperature is above the respective setpoint. The cooling models will close when the ambient temperature is above the respective setpoint and open when the ambient temperature drops below the respective setpoint.

Low Ambient Cutoff: Condenser Fan Motor- The SC045 and SC055 models can be used as a low ambient cutoff switch for a condenser fan motor. When the ambient temperature drops below the setpoint, the unit will open the fan signal and turn the fan motor off. It will not allow the fan to turn back on until the temperature rises above the setpoint.

Low Ambient Cutoff: Compressor- The SC045 and SC055 models can also be used as a low ambient cutoff switch for the compressor when wired in series with the Y circuit from the thermostat. When using with the compressor circuit, an anti-short cycle timer is recommended to prevent possible damage to the compressor from short cycling.

SOURCE 1 PART NO.	TEMPERATURE RANGE*	2-WIRE	HEAT	COOL	MLP \$
S1-SC045	45°F ±5°	YES	NO	YES	
S1-SC055	55°F ±5°	YES	NO	YES	
S1-SC060	60°F ±5°	YES	YES	NO	
S1-SC065	65°F ±5°	YES	YES	NO	
S1-SC070	70°F ±5°	YES	YES	NO	
S1-SC075	75°F ±5°	YES	NO	YES	