

Totaline® Thermostats



The new family of Totaline® thermostats has its own unique appearance, with a new, sleek, bold design. The new thermostats maintain the high quality and dependability that you expect from Totaline.

Learn more inside...



Totaline® Thermostats



Totaline® Commercial
Programmable
Commercial Thermostat



Totaline® Deluxe
Programmable
Residential Thermostat



Totaline® Smart
Programmable
Residential Thermostat



Totaline® Smart
Non-Programmable
Residential Thermostat



Totaline® Easy
Programmable
Residential Thermostat



Totaline® Easy
Non-Programmable
Residential Thermostat



Totaline® Basic
Programmable
Residential Thermostat



Totaline® Basic
Non-Programmable
Residential Thermostat

Totaline Basic

Programmable	Page 3
Non-Programmable	Page 4

Totaline Smart

Programmable	Page 5
Non-Programmable	Page 6

Totaline Easy

Programmable	Page 7
Non-Programmable	Page 8

Totaline Deluxe

Programmable	Page 9
--------------------	--------

Totaline Commercial

Programmable	Page 10
--------------------	---------

Totaline Thermostat Feature Reference Chart	Page 11
--	---------

Accessories	Page 12
--------------------------	---------

Totaline® Basic

Programmable / Residential Thermostat



Actual size is 1.75"H x 5.5"L x 3.38"D

P310-1210

- Heat Pump (2H/1C)
- 5-2 Day Programmable
- 1.73 Sq. Inches Display Size (viewable area)
- Early Recovery
- 2 Year Limited Warranty

P310-1110

- Single Stage (1H/1C)
- 5-2 Day Programmable
- 1.73 Sq. Inches Display Size (viewable area)
- Early Recovery
- 2 Year Limited Warranty

STANDARD FEATURES:

- Fan Operation (Electric or Fossil Fuel)
- Manual Changeover
- Clock Format (12/24 Hour)
- Temperature Indication Scale (°F/°C)
- 5 Minute Minimum Compressor Off Time
- Hardwired / Battery Powering Method
- Highly Accurate Temperature Control (+/- 1°F)
- On-Demand Backlighting
- Energy Star® Qualified
- Temporary Hold
- Permanent Hold
- Easy Access to Warmer (up) / Cooler (down) keys
- Permanent Memory Retention
- Cool On Indication - snowflake icon
- Heat On Indication - flame icon
- Stg. 2 Heat On Indication (P310-1210 Only)
- Minimum Compressor Off Time Indication
- "Replace Battery" Indication
- Packaged with Batteries



Totaline® Basic Non-Programmable / Residential Thermostat



Actual size is 1.75"H x 5.5"L x 3.38"D

P310-0210

- Heat Pump (2H/1C)
- 1.00 Sq. Inches Display Size (viewable area)
- Manual Changeover
- Fan Operation (Electric or Fossil Fuel)
- 2 Year Limited Warranty

P310-0110

- Single Stage (1H/1C)
- 1.00 Sq. Inches Display Size (viewable area)
- Manual Changeover
- Fan Operation (Electric or Fossil Fuel)
- 2 Year Limited Warranty

STANDARD FEATURES:

- Clock Format (12/24 Hour)
- Temperature Indication Scale (°F/°C)
- 5 Minute Minimum Compressor Off Time
- Hardwired / Battery Powering Method
- Highly Accurate Temperature Control (+/- 1°F)
- On-Demand Backlighting
- Easy Access to Warmer (up) / Cooler (down) keys

- Permanent Memory Retention
- Cool On Indication - snowflake icon
- Heat On Indication - flame icon
- Stg. 2 Heat On Indication (P310-0210 Only)
- "Replace Battery" Indication
- Packaged with Batteries



Totaline® Smart

Programmable / Residential Thermostat



Actual size is 2.38"H x 6.38"L x 4.63"D

P330-1220

- Multistage & Heat Pump (up to 2H/2C)
- 5-1-1 or 5-2 Programmable
- 3.75 Sq. Inches Display Size (viewable area)
- Selectable Changeover - Manual or Auto
- Highly Accurate Temperature Control (+/- 1°F)
- 5 Year Limited Warranty

P330-1110

- Single Stage, 1H/1C
- 5-1-1 or 5-2 Programmable
- 3.75 Sq. Inches Display Size (viewable area)
- Selectable Changeover - Manual or Auto
- Highly Accurate Temperature Control (+/- 1°F)
- 5 Year Limited Warranty

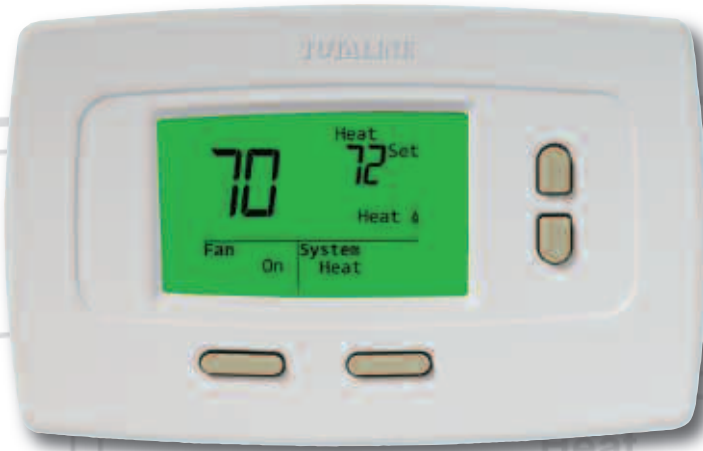
STANDARD FEATURES:

- Fan Operation (Electric or Fossil Fuel)
- Heating Cycle Rate
- Compressor Cycle Rate
- Early Recovery
- Temperature Range Stops
- Temperature Indication Scale (°F/°C)
- 0 - 5 Minute Minimum Compressor Off Time
- Shows Room Temperature and Program Temperature at the Same Time
- Hardwired / Battery Powering Method
- On-Demand Backlighting
- Armchair Programming
- Energy Star® Qualified
- Temporary Hold
- Permanent Hold
- Easy Access to Warmer (up) / Cooler (down) keys
- Permanent Memory Retention



Totaline® Smart

Non-Programmable / Residential Thermostat



P330-0220: Actual size is 2.38"H x 6.38"L x 4.63"D

P330-0110: Actual size is 2.5"H x 6.5"L x 4.6"D

P330-0220

- Multistage and Heat Pump (up to 2H/2C)
- 3.75 Sq. Inches Display Size (viewable area)
- Selectable Changeover - Manual or Auto
- Highly Accurate Temperature Control (+/- 1°F)
- 5 Year Limited Warranty

P330-0110

- Single Stage (1H/1C)
- 1.95 Sq. Inches Display Size (viewable area)
- Selectable Changeover - Manual or Auto
- Highly Accurate Temperature Control (+/- 1°F)
- 5 Year Limited Warranty

STANDARD FEATURES:

- Fan Operation (Electric or Fossil Fuel)
- Temperature Range Stops
- Temperature Indication Scale (°F/°C)
- 0 - 5 Minutes Minimum Compressor Off Time
- Shows Room Temperature and Program Temperature at the Same Time
- Hardwired / Battery Powering Method
- On-Demand Backlighting
- Armchair Programming
- Easy Access to Warmer (up) / Cooler (down) keys
- Permanent Memory Retention
- Cool On Indication - snowflake icon
- Heat On Indication - flame icon
- Stg. 2 Heat On Indication (P330-0220 Only)
- Minimum Compressor Off Time Indication
- "Replace Battery" Indication
- Installer System Test
- Packaged with Batteries



Totaline® Easy

Programmable / Residential Thermostat



Actual size is 2.25"H x 5.5"L x 4.0"D

P320-1210

- Heat Pump (2H/1C)
- 5-2 Day Programmable
- 1.73 Sq. Inches Display (viewable area)
- Manual Changeover
- Cool On / Heat On Indication
- 5 Year Limited Warranty

P320-1110

- Single Stage (1H/1C)
- 5-2 Day Programmable
- 1.73 Sq. Inches Display (viewable area)
- Manual Changeover
- Cool On / Heat On Indication
- 5 Year Limited Warranty

STANDARD FEATURES:

- Fan Operation (Electric or Fossil Fuel) (P320-1210 Only)
- Early Recovery
- Temperature Indication Scale (°F/°C)
- 5 Minute Minimum Compressor Off Time

- Shows Room Temperature and Program Temperature at the Same Time
- Hardwired / Battery Powering Method
- Highly Accurate Temperature Control (+/- 1°F)
- On-Demand Backlighting
- Armchair Programming
- Energy Star® Qualified
- Temporary Hold
- Permanent Hold
- Easy Access to Warmer (up) / Cooler (down) keys
- Permanent Memory Retention
- Cool On Indication - snowflake icon
- Heat On Indication - flame icon
- Stg. 2 Heat On Indication (P320-0210 Only)
- Minimum Compressor Off Time Indication
- "Replace Battery" Indication
- Installer System Test
- Packaged with Batteries



Totaline® Easy Non-Programmable / Residential Thermostat



Actual size is 2.25"H x 5.5"L x 4.0"D

P320-0210

- Heat Pump (2H/1C)
- 1.32 Sq. Inches Display (viewable area)
- Manual Changeover
- Cool On / Heat On Indication
- 5 Year Limited Warranty

P320-0110

- Single Stage (1H/1C)
- 1.32 Sq. Inches Display (viewable area)
- Manual Changeover
- Cool On / Heat On Indication
- 5 Year Limited Warranty

STANDARD FEATURES:

- Fan Operation (Electric or Fossil Fuel) (P320-0210 Only)
- Temperature Indication Scale (°F/°C)
- 5 Minute Minimum Compressor Off Time
- Shows Room Temperature and Program Temperature at the Same Time
- Hardwired / Battery Powering Method
- Highly Accurate Temperature Control (+/- 1°F)
- On-Demand Backlighting

- Easy Access to Warmer (up) / Cooler (down) keys
- Permanent Memory Retention
- Cool On Indication - snowflake icon
- Heat On Indication - flame icon
- Stg. 2 Heat On Indication (P320-0210 Only)
- Minimum Compressor Off Time Indication
- "Replace Battery" Indication
- Installer System Test
- Packaged with Batteries



Totaline® Deluxe

Programmable / Residential Thermostats

**Coming Early
Summer 2009**



Actual size is 2.3"H x 7.4"L x 5.5"D

P340-1320

- Multistage and Heat Pump (up to 3H/2C)
- 7-Day or Non-programmable
- Easy, Interactive Touchscreen Programming
- Dual Fuel Heat Pump Operation
- 5 Year Limited Warranty

P340-1110

- Single Stage, 1H/1C
- 7 Day or Non-programmable
- Easy, Interactive Touchscreen Programming
- 5 Year Limited Warranty

STANDARD FEATURES:

- Fan Operation (Electric or Fossil Fuel)
- Auto or Manual Changeover Selectable
- 10 Sq. Inches Display Size (viewable area)
- Early Recovery
- Outdoor or Indoor Remote Temperature Sensing
- Compressor and Auxiliary Heat Lockouts for Heat Pumps
- Dual Fuel Heat Pump Operation
- Temperature Range Stops
- Keypad Lockouts
- Extended Fan On Time (Heat and Cool)

- Clock Format (12/24 Hour)
- Temperature Indication Scale (°F/°C)
- 0 – 5 Minute Minimum Compressor Off Time
- Shows Room Temperature and Program Temperature at the Same Time
- Hardwired / Battery Powering Method
- Highly Accurate Temperature Control (+/- 1°F)
- On-Demand Backlighting
- Continuous Backlighting (with 24Vac Common Connection)
- Energy Star® Qualified
- Temporary and Permanent Hold
- Automatic Daylight Savings
- Filter Timer and Humidifier Pad Replacement Reminder
- UV Lamp Replacement Reminder
- Permanent Memory Retention
- Cool On Indication - snowflake icon
- Heat On Indication - flame icon
- Stg. 2 Heat On Indication
- Heat Pump System Fault Light
- Minimum Compressor Off Time Indication
- "Replace Battery" Indication



Totaline® Commercial Programmable Thermostat



Actual size is 5.375"H x 7.25"L x 2.125"D

P340-2220

- 7-day Programmable
 - Multistage and Heat Pump (up to 3H/2C)
 - 4.0 Sq. Inches Display Size (viewable area)
 - Title 24 Energy/Air Quality Compliance
 - Configurable Recovery Ramps
 - Commercial Comfort Control
 - 2 Year Limited Warranty
- STANDARD FEATURES:**
- 0 - 5 Minute Minimum Compressor Off Time
 - Schedule Options
 - Hardwired / Battery Powering Method
 - Fan Operation (Electric or Fossil Fuel)
 - Auto or Manual Changeover Selectable
 - Outdoor or Indoor Remote Temperature Sensing
 - Compressor and Auxiliary Heat Lockouts for Heat Pumps
 - Temperature Range Stops
 - Keypad Lockouts
 - Clock Format (12/24 Hour)
 - Temperature Indication Scale (°F/°C)
 - Shows Room Temperature and Program Temperature at the Same Time
 - Highly Accurate Temperature Control (+/- 1°F)
 - On-Demand Backlighting
 - Continuous Backlighting (with 24Vac Common Connection)
 - Armchair Programming
 - Energy Star® Qualified
 - Temporary Hold
 - Permanent Hold
 - Automatic Daylight Savings
 - Easy Access to Warmer (up) / Cooler (down) keys
 - Permanent Memory Retention
 - Cool On Indication - snowflake icon
 - Heat On Indication - flame icon
 - Stg. 2 Heat On Indication
 - Minimum Compressor Off Time Indication
 - "Replace Battery" Indication
 - Installer System Test
 - Packaged with Batteries

Totaline® Thermostats Feature Reference Chart

Part Number	Type	Stages	Programming	Fan Operation (Electric or Fossil Fuel)	Auto or Manual Changeover Selectable	Early Recovery	Outdoor or Indoor Remote Temperature Sensing	Compressor and Auxiliary Heat Lockouts	Dual Fuel Heat Pump Operation	Temperature Range Stops	Keypad Lockouts	Extended Fan On Time (Heat and Cool)	Clock Format (12/24 Hour)	Temperature Indication Scale (F/C)	Highly Accurate Temperature Control (+/- 1°F)	Continuous Backlighting	Armchair Programming	Energy Star® Qualified	Temporary & Permanent Hold	Automatic Daylight Savings	Filter Timer Reminder	Humidifier Pad Replacement Reminder	UV Lamp Replacement Remind	Stage 2 On Indication	Heat Pump System Fault Light	Installer System Test				
Totaline® Deluxe																														
P340-1320	Multistage and Heat Pump Prog.	Up to 3H/2C	7 Day or Non	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
P340-1110	Single Stage Prog.	1H/1C	7 Day or Non	•	•	•	•	•	N/A	N/A	•	•	•	•	•	•	•	•	•	•	•	•	•	N/A	N/A	•	•	•		
Totaline® Smart																														
P330-1220	Multistage and Heat Pump Prog.	Up to 2H/2C	5-1-1 or 5-2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
P330-1110	Single Stage Prog.	1H/1C	5-1-1 or 5-2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	N/A	N/A	•	•	•		
P330-0220	Multistage and Heat Pump Non-Prog.	Up to 2H/2C	Non	•	•	N/A	•	•	•	•	•	•	•	•	•	N/A	N/A	N/A	N/A	•	•	•	•	•	•	•	•	•		
P330-0110	Single Stage Non-Prog.	1H/1C	Non	•	•	N/A	•	•	•	•	•	•	•	•	•	N/A	N/A	N/A	N/A	•	•	•	•	•	•	•	•	•		
Totaline® Easy																														
P320-1210	Heat Pump Prog.	2H/1C Heat Pump Only	5-2	N/A	Man.	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
P320-1110	Single Stage Prog.	1H/1C	5-2	•	Man.	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
P320-0210	Heat Pump Non-Prog.	2H/1C Heat Pump Only	Non	N/A	Man.	N/A	•	•	•	•	•	•	•	•	•	N/A	N/A	N/A	N/A	•	•	•	•	•	•	•	•	•	•	
P320-0110	Single Stage Non-Prog.	1H/1C	Non	•	Man.	N/A	•	•	•	•	•	•	•	•	•	N/A	N/A	N/A	N/A	•	•	•	•	•	•	•	•	•	•	
Totaline® Basic																														
P310-1210	Heat Pump Prog.	2H/1C Heat Pump Only	5-2	•	Man.	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
P310-1110	Single Stage Prog.	1H/1C	5-2	•	Man.	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
P310-0210	Heat Pump Non-Prog.	2H/1C Heat Pump Only	Non	•	Man.	N/A	•	•	•	•	•	•	•	•	•	N/A	N/A	N/A	N/A	•	•	•	•	•	•	•	•	•	•	•
P310-0110	Single Stage Non-Prog.	1H/1C	Non	•	Man.	N/A	•	•	•	•	•	•	•	•	•	N/A	N/A	N/A	N/A	•	•	•	•	•	•	•	•	•	•	•
Totaline® Commercial																														
P340-2220	Multistage and Heat Pump	Up to 3H/2C	7-day	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Minimum Compressor Off Time Indication																														
0-5																														
Temperature Indication Scale (F/C)																														
•																														
Clock Format (12/24 Hour)																														
•																														
Keypad Lockouts																														
•																														
Temperature Range Stops																														
•																														
Dual Fuel Heat Pump Operation																														
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Compressor and Auxiliary Heat Lockouts																														
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Outdoor or Indoor Remote Temperature Sensing																														
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Configurable Recovery Ramps																														
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Fan Operation (Electric or Fossil Fuel)																														
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Programming																														
7-day																														
Stages																														
Up to 3H/2C																														
Type																														
Multistage and Heat Pump																														
Part Number																														
P340-2220																														

Totaline® Thermostat Accessories

Wall Mount – Wall Modules

P350-ISEN-CM20 Indoor Sensor, 20K Ohm

P350-ISEN-CM10 Indoor Sensor, 10K Ohm, averaging only

Features: Designed to sense temperature at a remote location. The P350-ISEN-CM20 wall module is a 20K ohm NTC temperature sensor to be used in commercial applications along with the P340-2220 Commercial Thermostat. The P350-ISEN-CM10 is a 10K ohm averaging only sensor that can be used when multiple room temperature sensors are required.

Dimensions in inches (mm): 3 (76) wide x 4 9/16 (116) high x 7/8 (22) deep.

Distance: The maximum length of wire from a device to a wall module is 1000 ft. (305 m).

Built-In Features

- Space sensor, 20K ohms NTC and 10K ohms NTC
- Operating range 45° to 99° F (7° to 37° C)
- Sleek design with appealing white color

Duct Probe - P350-PRB01

Features: 20K ohm stainless steel sensor probe with an attached flange that can be mounted on a flat duct or plenum surface.

Dimensions in inches (mm): 15 (406) long and 1/4 in. (6 mm) in diameter.

Operating Range: 45° – 99° F

Insertion Length: 6.5 Inches

Cover Plates

Hide marks from old thermostats, paint, chipped plaster or dry wall

- Totaline® Basic series Cover Plate **Part No.: P350-CP-R310**
- Totaline® Smart series Cover Plate **Part No.: P350-CP-R330NP***
- Totaline® Easy series Cover Plate **Part No.: P350-CP-MULTI****
- Totaline® Deluxe series Cover Plate **Part No.: P350-CP-MULTI****

*Includes small and medium cover plate as well as bracket for mounting to vertical J-box.

**Includes medium and large cover plate as well as bracket for mounting to vertical J-box.

Outdoor Sensor - P350-OSEN-R340

This P350-OSEN-R340 Outdoor Sensor is used with the P340-1320 and P340-1110 Thermostats. When the outdoor sensor is installed, the current outdoor temperature is displayed. Used to manage dual fuel and lock-out expensive auxiliary heat in heat pump applications.

Operating Ambient Temperature Range: -40 to 120°F (-40 to 49°C).

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

Sensor Accuracy: +/-1.5°F at 70°F (+/- .84 at 21°C)

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

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

Indoor Sensor - P350-ISEN-R340

This indoor sensor is designed to sense temperature at a remote location and send this information to the P340-1320 and P340-1110 Totaline® Deluxe Thermostats. This sensor can be used as a stand alone sensor or as part of an averaging network. Once a remote indoor temperature sensor is connected to the thermostat, the thermostat's sensor is no longer used. The thermostat's installer setup should be modified to tell the thermostat that remote indoor temperature sensor(s) have been used. The Inside temperature reading on the thermostat's display will be the remote sensor(s) temperature location(s).

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 (+/- .84 at 21°C)

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

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.

TOTALINE®