## 24 Volt Thermostats - Mechanical - Heat Only

## Heat Only - Mercury Free - The Round®



- For control of gas or oil heating systems Warm air, hot water, high efficiency furnaces, heat pumps, steam, gravity and power open and close 2 wire & 3 wire hot water valves
- Electronic switch
- 5 year warranty

Temperature Range	Color	Brand	Part Number	
4.5 to 32°C	White	Honeywell	T87K1015	

## Honeywell

#### Heat Only - Mercury Free











T822K1059

1E50N-303

## Honeywell



•	For control of gas or oil heating systems - Warm air, hot water, high
	efficiency furnaces, heat pumps, steam, gravity and normally
	opened hot water valves

- Bi-metal snap action switch
- No leveling required
- Adjustable heat anticipator
- 5 year warranty

Temperature Range	Color	Brand	Part Number						
No Fan Switch									
10 to 30°C	White	Honeywell	T822K1034						
10 to 30°C	White	White Rodgers	1E30N-311						
	With Fan Switch								
7 to 32°C	White	Honeywell	T822K1059						
10 to 32°C	White	White Rodgers	1E50N-303*						

\*Replaces White Rodgers 1E50W-303 and Honeywell T834H mercury thermostats. Includes subbase & additional heat only wall plate. Millivolt compatible.

## 24 Volt Thermostats - Mechanical - Heat Only Or Cool Only

#### Heat Only or Cool Only - Mercury Free



- For control of single stage gas, oil or electric heating or cooling
- Adjustable heat anticipator
- Dual scale
- Bi-metal snap action switch
- 5 year warranty

Temperature Range	Description	Color	Brand	Part Number
10 to 30°C 50 to 90°F	Cool Only or Heat Only (Normally Open Hot Water Valves)	White	Honeywell	T822L1000

### Honeywell

#### Cool Only - Mercury Free



- For control of single stage gas, oil or electric cooling systems
- Adjustable anticipator
- Dual scale
- Bi-metal snap action switch
- 5 year warranty

Temperature Range	Switches		Color	Brand	Part Number	
	System	Fan	Coloi	Dianu	Part Number	
10 to 30°C 50 to 90°F	Off-Cool	Auto-On	White	Honeywell	T834L1004	

## Honeywell

### Heat Only, Cool Only or Zone - Mercury Free - 3 Wire



- **SPDT**
- N.O. or N.C. zone valve application

Temperature Range	Color	Brand	Part Number
10 to 30°C	White	Erie	31-100

invensys

08/06/18 A166

## 24 Volt Thermostats - Mechanical - Heat/Cool

#### Heat/Cool - Mercury Free

- For control of single stage gas, oil or electric heat with air conditioning Warm air, hot water, high efficiency furnaces, heat pumps, steam, gravity, heat only, heat only with fan or cool only applications
- Adjustable heat anticipator
- Bi-metal snap action switch
- 5 year warranty

Temperature Switches		Colon	Orientation	Brand	Part Number	
Range	System	Fan	Color Orientation		Dranu	rart Number
10 to 32°C	Heat-Off-Cool	Auto-On	White	Horizontal	White Rodgers	1F56N-361
10 to 30°C	Heat-Off-Cool	Auto-On	White	Vertical	Honeywell	T834N1010
10 to 32°C	Heat-Off-Cool	Auto-On	White	Vertical	White Rodgers	1E56N-361



1F56N-361



T834N1010



1E56N-361





# 24 Volt Thermostats - Mechanical - Heat/Cool

#### Heat or Cool - Proportioning



Honeywell

- Provides proportional control for Series 90 (135 ohm) valve motors, damper motors, and balancing relays in heating or cooling system applications
- Bellows element adjusts the potentiometer slider to regulate motor operation
- Includes an adapter and faceplate for horizontal or vertical mounting on a horizontal conduit box

Temperat	ture Ratings	Color	Duand	Daut Numbau	
Operating Range	Fixed Throttling Range	Color	Brand	Part Number	
10 to 30°C	2.5°C	Beige	Honeywell	T921A1522	

(306) 933-2433

13/12/13 A168

## 24 Volt Thermostats - Digital Non-Programmable - Heat Only

#### Heat Only - Non-Programmable - PRO 1000



TH1100DV1000

- For control of single stage heating systems (gas, oil, electric or 750mV) and steam and gravity systems with or without pump
- Clear back lit display
- Hardwired or battery powered (2 AAA batteries included)
- 2 year warranty

Screen Size	Temperature Range	System Switch	Color	Brand	Part Number
1.00 square inch	4.5 to 32°C (40 to 90°F) or 1.5 to 32°C (35 to 90°F)	Off-Heat	White	Honeywell	TH1100DV1000
1.00 square inch	4.5 to 32°C (40 to 90°F) or 1.5 to 32°C (35 to 90°F)	Off-Heat	White	Honeywell	TH1100DH1004

### Honeywell



TH1100DH1004

### Heat Only - Non-Programmable - 70 Series



- For control of single stage heating systems (gas, oil, electric or 750 mV)
- Clear back lit display
- Battery powered (2 AAA batteries included)
- 5 year warranty

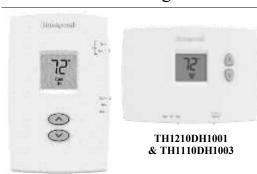
Screen Size	Temperature Range	System Switch	Color	Brand	Part Number
1.2 square inch	7 to 32°C (45 to 90°F)	Off-Heat	White	White Rodgers	1E78-140

#### White <sub>v</sub> Rodgers

13/12/13 A169

## 24 Volt Thermostats - Digital Non-Programmable - Heat/Cool

#### Heat/Cool - Non-Programmable - PRO 1000



- For control of single stage heating systems with or without air conditioning (gas, oil or electric), 750mV heating systems, steam and gravity systems with or without pump and central air conditioners
- Clear back lit display
- Hardwired or battery powered (2 AAA batteries included)
- 2 year warranty

## Honeywell

TH1110DV1009

Screen	Temperature	Sta	ages	Switches		Color	Brand	Part Number
Size	Range	Heating	Cooling	System	Fan	Color	Brand	1 art Number
1.00 square inch	4.5 to 32°C (40 to 90°F)	1	1	Cool-Off-Heat	Auto-On	White	Honeywell	TH1110DV1009
1.00 square inch	4.5 to 32°C (40 to 90°F)	1	1	Heat-Off-Cool	Auto-On	White	Honeywell	TH1110DH1003
1.00 square inch	4.5 to 32°C (40 to 90°F)	2	1	Heat-Off-Cool-Em.Ht	Auto-On	White	Honeywell	TH1210DH1001

### Heat/Cool - Non-Programmable - 70 Series



- For control of single stage heating systems with or without air conditioning (gas, oil or electric), 750mV heating systems and central air conditioners
- LCD display with backlight
- Battery powered (2 AAA batteries included)
- 5 Year warranty (1E78-144 model)

### White <sub>▼</sub> Rodgers

1E78-144

Screen	Temperature	Sta	ges	Switches		Color	Dwond	Part Number
Size	Range	Heating	Cooling	System	Fan	Color	Brand	Part Number
1.0 inch	7 to 32°C (45 to 90°F)	1	1	Heat-Off-Cool	Auto-On	White	White Rodgers	1F78-144
1.2 square inch	7 to 32°C (45 to 90°F)	1	1	Heat-Off-Cool	Auto-On	White	White Rodgers	1E78-144

02/06/17 A170

# 24 Volt Thermostats - Digital Non-Programmable - Heat/Cool

#### Heat/Cool - Non-Programmable - PRO 3000



- For control of single stage heating systems with or without air conditioning (gas, oil or electric), 750mV heating systems, steam and gravity systems with or without pump and central air conditioners
- Displays both room and set temperature at the same time
- Permanent program retention during power loss
- Hardwired or battery powered (2 AA batteries included)
- 5 year warranty

### Honeywell

	Screen	Temperature	St	Stages Swi		Switches		tches		Brand	Part Number
	Size	Range	Heating	Cooling	System	Fan	Color	Dianu	1 art Number		
	1.32 square inch	4.5 to 32°C (40 to 90°F)	1	1	Cool-Off-Heat	Auto-on	White	Honeywell	TH3110D1008		

#### Heat/Cool - Non-Programmable - FocusPRO 5000



- For automatic or manual control of single or multi-stage heating systems with or without air conditioning (gas, oil or electric), 750mV heating systems, steam and gravity systems with or without pump, heat only systems (2 wire systems & normally open zone valves. Series 20 also controls 3 wire zone valves) and central air conditioners
- Displays both room and set temperature at the same time
- Compressor protection Selectable from 0-5 min. in cooling or heating
- Battery powered and/or hardwired (2 AA batteries included)
- 5 year warranty

Screen	Temperature	St	Stages			Color	Brand	Part Number
Size	Range	Heating	Cooling	System	Fan	Coloi	Dianu	1 at t Number
1.95 square inch		1	1					TH5110D1006
2.98 square inch	4.5 to 32°C (40 to 90°F)	1	1	Heat-Off-Cool-Auto	Auto-on	White	Honeywell	TH5110D1022
3.75 square inch		2	2					TH5220D1003
		Cover Plat	e Assembly for	TH5000 Thermostats				
Incl	Includes small cover plate, medium cover plate, bracket & mounting hardware							50001137-001
Inc	ludes medium cover plate, la	White	Honeywell	50002883-001				

15/04/16 A170-1

### 24 Volt Thermostats - Digital Programmable/Non-Programmable - Heat/Cool

## Heat/Cool - Programmable & Non-Programmable - 80 Series™



1F83C Model



80 Series Programmable and Non-Programmable models cover Universal, Heat Pump and Conventional Applications

- Sensi thermostat styling for non-Wi-Fi applications
- Large Display, bright backlight, high contrast screen
- Selectable Programming: choice of 7 Day, 5+1+1 Day or Off Standard on all programmable models
- Dual Fuel Control, no outdoor sensor required, standard on all staging models. Industry proven algorithms adjust automatically to satisfy a call for heat the most efficient way based on the system configuration. Fossil fuel kit may be added if user selectable balance point settings are desired
- Auto changeover on Universal models, keypad lockout, temperature limits
- Easy to Install, built-in level indicator, simple set-up menu, terminal block connection on subbase
- Battery or Hardwired (24V), permanent program retention during power loss, backlit display (continuous with common)
- Horizontal, white





\*Energy Aware qualified with energy savings up to 30%

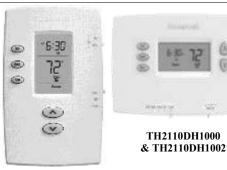
1F85U Model

Screen		Duaguam	Temp.	Max Stages Heat/Cool		Switches			
Size	Application	Program Options	Range	Conventional	Heat Pump	System	Fan	Brand	Part Number
4.5"	Single Stage	Non-Prg		1H/1C	1H/1C	Heat-Off-Cool	Auto-On	White Rodgers	1F83C-11NP
4.5"	Single Stage	7, 5+1+1 or Off	7 to 37°C	1H/1C	1H/1C	Heat-Off-Cool	Auto-On	White Rodgers	1F83C-11PR*
5"	Universal	Non-Prg	(45 to 99° F)	2H/2C	2H/1C	Heat-Off-Cool-Auto Changeover-Aux/Emer.	Auto-On	White Rodgers	1F85U-22NP
5"	Universal	7, 5+1+1 or Off		2H/2C	2H/1C	Heat-Off-Cool-Auto Changeover-Aux/Emer.	Auto-On	White Rodgers	1F85U-22PR*

13/12/13 A171

# 24 Volt Thermostats - Digital Programmable - Heat/Cool

#### Heat/Cool - 5+2 Day Programmable - PRO 2000



TH2110DV1008

- For control of single stage heating systems with or without air conditioning (gas, oil or electric), 750mV heating systems, steam and gravity systems with or without pump and central air conditioners
- Clear back lit display
- Permanent program retention during power loss
- Temporary override
- Hardwired or battery powered (2 AAA batteries included)
- 2 year warranty





Screen	Temperature	Stages		Switches	Color	Brand	Part Number		
Size	Range	Heating	Cooling	System	Fan	Color	Dianu	r ar t Number	
1.73 square inch	4.5 to 32°C (40 to 90°F)	1	1	Cool-Off-Heat	Auto-on	White	Honeywell	TH2110DV1008	
1.73 square inch	4.5 to 32°C (40 to 90°F)	2	1	Heat-Off-Cool-Em. Ht	Auto-on	White	Honeywell	TH2210DH1000	
1.73 square inch	4.5 to 32°C (40 to 90°F)	1	1	Heat-Off-Cool	Auto-on	White	Honeywell	TH2110DH1002	

#### Heat/Cool - 5+2 Day Programmable - 70 Series



- For control of single stage heating systems with or without air conditioning (gas, oil or electric), 750mV heating systems and central air conditioners
- Clear back lit display
- Battery powered (2 AAA batteries included)
- 5 Year warranty





1E78-151

Screen	Temperature	Temperature Stages		Switch	ies	Color	Duond	Daut Numbau	
Size	Range	Heating	Cooling	System	Fan	Color	Brand	Part Number	
1.2 square inch	7 to 32°C (45 to 90°F)	1	1	Heat-Off-Cool	Auto-On	White	White Rodgers	1E78-151	
1.0 inch	7 to 32°C (45 to 90°F)	1	1	Heat-Off-Cool	Auto-On	White	White Rodgers	1F78-151	

02/06/17 A172

## 24 Volt Thermostats - Digital Programmable - Heat/Cool

#### Heat/Cool - 5+2 Day Programmable - PRO 4000



- For control of single or multi-stage heating systems with or without air conditioning (gas, oil or electric), 750mV heating systems, steam and gravity systems with or without pump and central air conditioners
- Clear back lit display
- Displays both room and set temperature at the same time
- Permanent program retention during power loss
- Hardwired or battery powered (2 AA batteries included)
- 5 year warranty

## Honeywel



Screen	Temperature	Sta	ges	Switch	Switches				Brand	Part Number
Size	Range	Heating	Cooling	System	Fan	Color	Dranu	rart Number		
1.73 square inch	4.5 to 32°C (40 to 90°F)	1	1	Cool-Off-Heat	Auto-On	White	Honeywell	TH4110D1007		

### Heat/Cool - 5+2 & 5+1+1 Day Programmable - FocusPRO® 6000



- For automatic or manual control of single or multi-stage heating systems with or without air conditioning (gas, oil or electric), 750mV heating systems, steam and gravity systems with or without pump, heat only systems (2 wire systems & normally open zone valves. Series 20 also controls 3 wire zone valves) and central air conditioners
- Large, clear back lit display
- Displays both room and set temperature at the same time
- Hardwired or battery powered (2 AA batteries included)
- 5 year warranty

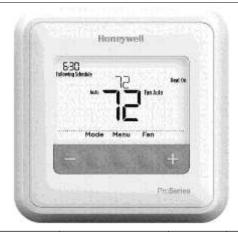


				CONTRA	SMA						
Screen	Temperature	Stages		Switches		Color	Brand	Part Number			
Size	Range	Heating	Cooling	System	Fan	Color	Brand	Part Number			
3.75 square inch	4.5 to 32°C	1	1	Heat-Off-Cool- Auto				TH6110D1005			
5.09 square inch		1	1		Auto-on	White	Honeywell	TH6110D1021			
3.75 square inch	(40 to 90°F)	2	2					TH6220D1002			
5.09 square inch		2	2					TH6220D1028			
	Cover Plate Assembly for TH6000 Thermostats										
Includ	les medium cover plate,		White	Honeywell	50002883-001						

02/06/17 A173

## 24 Volt Thermostats - Digital Programmable - Heat/Cool

#### Heat/Cool - 7 day, 5+2 & 5+1+1 Day Programmable - T4 Pro Series



- Push button programmable or non-programmable
- Flexible scheduling
- Easy installation and setup
- All T series thermostats use the same UWP mounting system
- Filter change reminder
- Temp control mode selections: Ambient air temperature
- Hardwired or battery powered
- Simple upsell: Snap-together design enables you to easily move customers from a non-connected to a connected thermostat when they're ready for Wi-Fi without having to remove the connector and cover plate (C-wire is required)

## Honeywell



Display size	Stages	Dual Fuel	Wired Indoor/Outdoor Sensors	Replaces this FocusPRO or PRO model	Brand	Part Number
3.93 sq. in.	1H/1C Conventional 1H/1C Heat Pump	No	No	TH2110DV1008 TH2110DH1002 TH4110D1007, TH5110D1006 TH5110D1022, TH6110D1005 TH6110D1021	Honeywell	TH4110U2005

#### Heat/Cool - 7 day, 5+2 & 5+1+1 Day Programmable - T6 Pro Series



- Push button programmable or non-programmable
- Flexible scheduling
- Easy installation and setup
- Optional dual fuel
- All T series thermostats use the same UWP mounting system
- Filter change reminder
- Temp control mode selections: Ambient air temperature
- Hardwired or battery powered
- Simple upsell: Snap-together design enables you to easily move customers from a non-connected to a connected thermostat when they're ready for Wi-Fi without having to remove the connector and cover plate (C-wire is required)

### Honeywell



	Display size	Stages	Dual Fuel	Wired Indoor/Outdoor Sensors	Replaces this FocusPRO or PRO model	Brand	Part Number
		2H/2C Conventional 3H/2C Heat Pump	Yes	Yes	TH6320U1000 TH5320U1001	Honeywell	TH6320U2008
5	5.44 sq. in.	2H/2C Conventional 2H/1C Heat Pump			TH6220D1028 TH6220D1002 TH5220D1029 TH5220D1003	Honeywell	TH6220U2000
		1H/1C Conventional 2H/1C Heat Pump	No	No	TH4210D1005 TH2210DV1006 TH2210DH1000 TH3210D1004 TH1210DV1007 TH1210DH1001	Honeywell	TH6210U2001

#### Cover Plate Assembly For T1 Pro, T4 Pro, T6 Pro & Lyric T6 Pro Thermostats

Description	Brand	Part Number
Includes a small and large cover plate, one bracket and mounting hardware. Use to cover marks on the wall or to mount the thermostat to a 2" x 4" electrical box.	Honeywell	THP2400A1068

13/06/14 A174

# 24 Volt Thermostats - Digital Programmable - Heat/Cool

## Heat/Cool - 7 Day or Non-Programmable - BLUE<sup>™</sup> Easy Reader



- For control of single or multi-stage stage heating systems with or without air conditioning (gas, oil or electric), 750mV heating systems, 2 or 3 wire zone systems and central air conditioners
- Choice of non-programmable or 7-day program
- Easy to use and easy to read with 1 inch letters and numbers
- Furnace filter change reminder
- Intuitive menu-driven setup, programming and operation, with audio prompt to confirm entries
- Selectable Celsius or Fahrenheit display and Energy Management Recovery (EMR)
- Permanent program retention during power loss
- Hardwired or battery powered (2 AA included) with power stealing assist





Screen	Temperature	Stages Switches		ies	Color	Brand	Part Number	
Size	Range	Heating	Cooling	System	Fan	Color	Dranu	rart Number
6 square inch	7 to 37°C (45 to 99°F)	4	2	Heat-Off-Cool	Auto-On	White	White Rodgers	1F95EZ-0671

12/05/17 A175

# 24 Volt Thermostats - Digital Programmable - Heat/Cool

#### Heat/Cool - 7 Day Programmable - VisionPRO 8000 - Touchscreen



- Works in virtually any residential or light commercial setting
- RedLINK<sup>™</sup> technology, 7 day programmable or non-programmable
- Three Flexible Ways to Install: Wired directly to the equipment, 2-wire or wireless with and Equipment Interface Module or 2-wire or wireless with TrueZone wireless adapter
- Plain language, on-screen setup helps reduce install errors and eliminates the need for a manual
- MicroSD port for copying the installer setup and customizable reminders from one thermostat to another, also add dealer contact information on the screen
- Customizable service reminders to remind customers when its time to call for service, when their warranty is expiring and to provide customized alerts
- Hardwire or battery powered

## **Honeywel**



Screen	Temperature	Temperature Stages Sw		Switches	s	Color	Brand	Part Number		
Size	Range	Conventional		Heat Pump		System	Fan	Color	Dranu	rart Number
10 square inch	0 to 48.9°C (32 to 120°F)	1H	1C	1H	1C	Heat-Off-Cool-Auto	Auto-On-Circ- Follow Schedule	White	Honeywell	TH8110R1008
10 square inch	0 to 48.9°C (32 to 120°F)	2Н	2C	3Н	2C	Heat-Off-Cool-Auto- EM.Heat	Auto-On-Circ- Follow Schedule	White	Honeywell	TH8320R1003
10 square inch	0 to 48.9°C (32 to 120°F)	2Н	2C	3Н	2C	Heat-Off-Cool-Auto- EM.Heat	Auto-On-Circ- Follow Schedule	White	Honeywell	TH8321R1001*

\*Includes a set of universal IAQ contacts to control humidification, dehumidification or ventilation

	RedLINK Internet Gateway Connect homeywife RedLINK internet Gateway to any RedLINK thermostat to access Total Connect Comfort Services. Up to four thermostats/systems per Gateway.	THM6000R1002	Yes
	Indoor Air Sensor Sense and control indoor temperature and humidity. Up to six sensors per thermostat.	C7188R1004	Yes
	Outdoor Air Sensor Displays outdoor temperature and humidity on RedLRK thermostats and Portable Comfort Control. Up to sixteen thermostats per Outdoor Sensor."	C7089R1013	Yes
Les Coules	Portable Comfort Control Removely adjust temperature in up to 15 zones. Can be used to remotely sense temperature when paired with a single RedLINK thermostat.	REM5000R1001	Yes
HadLINK Comfort System Accessories	TrueZONE Wireless Adapter Allows easy addition of Rest.BN4 enabled thermostats to TrueZONE systems. Up to four thermostats per adapter.	THM4000F11000	Yes
Somfort Sys	Honeywell Steam Wireless Adapter Add a Wireless Adapter to Honeywell Steam to control humidity wirelessly using the Prestige or the VisionPRO 8000. One adapter per thermostat.	THM4000F1000	Yes
Hede.INK	Wireless Vent and Filter Boost Remote 20/40/90 Minute Ventilation and Filtration Times Up to six remotes per thermostat.	HVC20A1000	Yes
100	RedLINK Equipment Interface Module Easily upgrade equipment or add WQ accessories without running new wires to the thermostat. Heating, cooling and WQ equipment wires to the Equipment Interface Module. One Equipment Interface Module per thermostat.	YTHM5421R1010	Yes
1.800	Wireless Entry/Exit Remote A single touch changes the setting on all themostats in the RedURK system. Up to sixteen themostats per remote. Up to three remotes per themostat.	REM1000R1003	Yes

Davies

Calgary (800) 661-1346 Lethbridge (877) 595-7707 Saskatoon (877) 355-3377

Davies Supply Group Ltd.

(403) 244-2161

(403) 381-7707

(306) 933-2433

13/06/14 A176

## 24 Volt Thermostats - Digital Programmable - Heat/Cool

#### Temperature Sensors - Indoor & Outdoor for VisionPRO 8000 Thermostats

- Converts temperature to a resistance that the thermostat can interpret
- Resistance decreases as the temperature increases. (Negative temperature coefficient, NTC)
- C7189U1005 indoor sensor can be used to provide one remote sensor input or as a temperature averaging network with multiple C7189 sensors connected
- C7189R1004 For NEW Prestige IAQ, Prestige IAQ 2.0, Prestige 2.0, RedLINK<sup>™</sup> VisionPRO 8000, up to 6 sensors C7735A1000 Mount on return duct for backup control of non-zoned RedLINK<sup>™</sup> enabled &FocusPRO<sup>®</sup> Wireless Systems and Thermostats
- C7089R1013 Displays outdoor temperature and humidity on the Wireless FocusPRO and the Portable Comfort Control

Operating Ambient Temp. Range	Display Range	Sensor Accuracy	Operating Relative humidity	Dimensions	Color	Brand	Part Number		
	Indoor Sensor (wall mount)								
7.2 to 32°C (45 to 88°F)	-18 to 37°C (0 to 99°F)	+/84 @ 21°C (+/- 1.5 @ 70°F)	5% to 95% Non-condensing	2 3/4" W x 4 5/8" H x 1 1/6" D	White	Honeywell	C7189U1005		
1.7 to 45°C (35 to 114°F)	-17C to 49C (0F to 120°F)	+/- 0.75 @ 21°C (+/- 1.5 @ 70°F)	5 to 90% Non-condensing	1 1 //X"W/ v 7 //X" H v 15/16"H		Honeywell	C7189R1004		
-17 to 93°C (0F to 200°F)	-	+/- 0.75 @ 21°C (+/- 1.5 @ 70°F)	5 to 90% Non-condensing	1 7/8"W x 2 7/8" H x 15/16"D	Gray	Honeywell	C7735A1000		
			Outdoor	Sensor					
-40 to 49°C (-40 to 120°F)	-40 to 53°C (-40 to 127°F)	+/84 @ 21°C (+/- 1.5 @ 70°F)	5% to 95% Non-condensing	2 1/4" x 3/8" with 60" (1524mm) lead wires	-	Honeywell	C7089U1006		
-40 to 60°C (-40 to 140°F)	-	+/- 0.75 @ 21°C (+/- 1.5 @ 70°F)	0% to 100% Condensing	3 1/2"W x 5" H x 1 1/16"D	Gray	Honeywell	C7089R1013		



## Heat/Cool - 7, 5+1+1or Non-Programmable - 90 Series BLUE<sup>™</sup> - Touchscreen

- For automatic control of single or multi-stage stage heating systems with or without air conditioning (gas, oil or electric), 750mV heating systems, 2 or 3 wire zone systems and central air conditioners
- Exclusive Cool Savings feature saves energy during peak A/C demand periods
- Intuitive menu-driven setup, programming and operation, with audio prompt to confirm entries
- Permanent program retention during power loss Indefinite setpoint hold or 4 hour temporary temperature override
- Selectable Energy Management Recovery
- Remote sensing indoor / outdoor
- Programmable fan / remote sensor
- Circulator fan cycling
- Furnace filter change reminder
- Hardwired or battery powered (batteries included) with power stealing assist
- 5 year warranty







Screen	Screen Temperature		Stages			Switches		Color	Brand	Part Number
Size	Range	Conven	tional	Heat	Pump	System Fan		Color	Dranu	rart Number
12 square inch	7 to 32°C (45 to 99°F)	1H	1C	1H	1C	Heat-Off-Cool Single Stage Heat Pump	Auto-On	White	White Rodgers	1F97-1277
12 square inch	7 to 32°C (45 to 99°F)	2Н	2C	3Н	2C	Heat-Off-Cool EM Heat for Heat Pumps	Auto-On	White	White Rodgers	1F95-1277
12 square inch	7 to 32°C (45 to 99°F)	2Н	2C	4H	2C	Heat-Off-Cool EM Heat for Heat Pumps	Auto-On	White	White Rodgers	1F95-1291*

## 24 Volt Thermostats - Digital Programmable - Heat/Cool

#### VisionPRO IAQ Total Home Comfort System - Universal Programming - Touchscreen



#### Includes Thermostat (#TH9421C1004) and Equipment Interface Module (#THM5421C1008)

- For automatic or manual control of single or multi-stage heating systems with or without air conditioning (gas, oil or electric), 750mV heating systems, steam and gravity systems with or without pump, heat only systems (2 wire systems, normally open zone valves, 3 wire zone valves) and central air conditioners
- Contains all features of Standard VisionPRO, except arm chair programming
- Thermostat connects with Equipment Interface Module to control temperature, humidification, dehumidification and ventilation from a single point in the home
- Automatically raises or lowers humidity levels throughout all rooms in the home depending on conditions
- Removes air pollutants by exchanging the air
- Remote temperature sensing. Compatible with C7189U1005 (indoor) & C7089U1006 (outdoor) sensors
- 5 year warranty



Temperature	Stages		Switches		Power	Color	Brand	Part Number
Range	Heat	Cool	System	Fan	Method	Color	Dianu	r art Number
4.5 to 32°C (40 to 90°F)	4	2	Heat-Off-Cool-Auto -EM Heat	Auto-On-Circ	Common Wire Only	White	Honeywell	YTH9421C1002

#### VisionPRO IAQ Total Home Comfort System Compatibility

Recommend the following products for use with the VisionPRO® IAQ.

E440A1005—Powered Steam Humidifier with 13 gpd capacity	
E365A1006—Powered Bypass Flow-through humidifier with 18 gpd ca	pacity
E265A1007—Bypass Flow-through humidifier with 17 gpd capacity	
HE225A1006—Bypass Flow-through humidifier with 12 gpd capacity	
DH90A100790 Pint Whole House Dehumidifier	
IR150B1005—heat recovery ventilator 150cfm with built in defrost	
R200B1005—heat recovery ventilator 200cfm with built in defrost	
R150B2006—energy recovery ventilator 150cfm with built in defrost	
R150C2004—energy recovery ventilator 150cfm with no defrost	
R200B2006—heat recovery ventilator 200cfm with built in defrost	
R200C2004—heat recovery ventilator 200cfm with no defrost	
ARD5—5" round damper NC Power Open/Spring Close	
ARD6—6" round damper NC Power Open/Spring Close	
ARD7—7" round damper NC Power Open/Spring Close	
ARD8—8" round damper NC Power Open/Spring Close	

Following is a list of compatible communicating products

THM5421C—Equipment Interface Mor	dule Universal up to 4H2C systems
T8635L1013*—3H3C communicating	
W8635A1006—Equipment Interface M	lodule for 2H2C conventional systems
W8635B1004—Equipment Interface N	fodule for 2H2C heat pump systems
W8735A1005—EnviraCOM Serial Por	t Adapter
W8735B1003—Telephone Access Mo	dule
W8735D1009—Telephone Access Mo	dule two Channel communicating
W8735D1017Telephone Access Mo	dule four channel communicating
W8835A1004—Envirazone Zone Pane	al .
C7835A1009—Communicating Discha	rge Air Sensor
W8703A1003—Damper Interface Mod	ule
L7224C1004—120VAC Electronic Aqu	iastat
L7248—Aquastat	VI
R7184—Oil Primary	

\*T8635L thermostats used with TH9421C thermostats must be used with a W8835A Zone Panel and the TH9421C must be the Master Zone Controller (zone 1 thermostat)

UV100E2009 UV100E1043 UV100E3007

68-0287-1

See page A240-1 for W8735D1009 Telephone Access Communications Module

## 120/240 Volt Thermostats - Mechanical - Heat Only

#### Electric Heat - Snap Action



- Provide reliable line voltage control of resistive rated electric heating equipment
- Snap-action switch makes heating circuit on temperature fall
- Include long-lasting Micro Switch mechanism and bimetal sensing element
- Ideally suited to new construction applications
- 120/208/240/277 Volt
- Vertical

Temperature Range	Switching	Color	Brand	Part Number
5 to 27°C (40 to 80°F)	SPST	White	Honeywell	T410A1021

## Honeywell

#### Electric Heat - Bimetal Mercury Switch



- Provide line voltage control of resistive rated electric heating systems
- Include thermometer, long-lasting Micro Switch mechanism and bimetal sensing element
- Makes on temperature fall
- 120/208/240/277 Volt
- Vertical

Temp Range	Switching	Positive Off	Thermometer	Color	Brand	Part Number
5 to 27°C	SPST	No	No	Beige	Honeywell	T498A1786
5 to 27°C	SPST	No	No	White	Honeywell	T498A1927
5 to 27°C	DPST	Yes	No	White	Honeywell	T498B1678

### Honeywell

### Electric Heat - High Performance



- Provide precise line voltage control of resistive rated electric heating equip-
- For control of both resistive-rated fan-forced and baseboard electric heaters
- Vapor-filled dual diaphragm sensing element which is extremely sensitive to temperature changes
- Replaces virtually all standard wall-mounted line voltage thermostats
- 120/208/240/277 Volt
- Vertical

Temperature Range	Switching	Positive Off	Thermometer	Description	Color	Brand	Part Number
10 to 25°C	SPST	No	Yes	Includes 6" copper lead wire, range stops and locking cover	White	Honeywell	T4398A1005
10 to 25°C	DPST	Yes - Makes double line break with setting dial at OFF position	Yes	Includes 6" copper lead wire, range stops and locking cover	White	Honeywell	T4398B1003

## 120/240 Volt Thermostats - Mechanical - Heat Or Cool Only

#### Electric Heat Only or Cool Only - Heavy Duty



- Used to control fan coils, fans, motor starters, valves, contactors and circulator motors in heating and/or cooling systems in commercial, industrial and institutional buildings
- Provide good line voltage comfort control
- Removable set point knob locks set point and prevents tampering
- 120/240 Volt
- Vertical and horizontal or vertical only

## Honeywell

Temper	ature Ratings	Switching	Mounting	Annlication	Description	Brand	Part Number
Differential	Operating Range	Switching	Mounting	Application	Description	Dranu	rart Number
0.6°C (1.0°F)	10 to 25°C (50 to 80F)	SPDT	Vertical or horizontal	Heating/cooling; with resistive rating for electric heat applications	Standard Vertical Cover	Honeywell	T6051A1057
0.6°C (1.0°F)	8 to 29°C (46 to 84F)	SPDT	Vertical	Heating/cooling	Explosion-proof housing	Honeywell	T6051B1006

#### Switching Sub-bases for T6051 Thermostats



- Provide manual system switching for T6051 thermostats
- Provide positive OFF switching of the system
- Mount vertically or horizontally on standard outlet box
- Includes pressure sensitive labels to identify switching positions

Application	Switch Labels	Brand	Part Number
For T6051	Heat-Off-Cool; Heat-Off-Fan; Auto-Off-On	Honeywell	Q651A1009

## 120/240 Volt Thermostats - Mechanical - Heat/Cool

#### Electric Heat/Cool - Medium Duty



- Provides line voltage on/off control of valves, fans, motors, contactors, electric heat elements, duct furnaces and fan coil units in heating and cooling systems
- Includes industrial grade Micro Switch mechanism and high sensitivity, vapor-filled stainless steel dual diaphragm sensing element
- 120/208/240/277 Volt
- Vertical

Temperature Range	Switching	Thermometer	Color	Brand	Part Number
7 to 28°C	SPDT	Yes	Beige	Honeywell	T651A3026

### Honeywell

#### Electric Heat/Cool, Heat Only or Cool Only



- For control of residential, commercial, or industrial heating or year round air conditioning
- Liquid charged temperature sensing element and highly efficient diaphragm and leverage provides close temperature control
- Close differential without the need for anticipators
- 120/208/240 Volt with knob adjustment
- Vertical with horizontal face plate included
- Universal replacement for Honeywell T451A, -B, T651A; White Rodgers 179-1, 180-1, 181-1, 182-101, -102; Robertshaw TA500, TH71,-72, -79, -500, TX550



Description	Tompovotuvo Bongo	Cwitching	Selector Switch	D	ifferential	Brand	Part Number	
Description	Temperature Range	Switching	Selector Switch	Heating	Cooling	Dranu	rart Number	
Fahrenheit	40 to 90°F	SPDT	None	1°F	1.3°F	Johnson	T26S-18C	
Celsius	4 to 30°C	SPDT	None	1.75°C	2.25°C	Johnson	T26S-22C	

## 120/240 Volt Thermostats - Digital - Heat Only

#### Electric Heat Only - Non-Programmable



- Provides line voltage control of electric heating systems up to 4000W such as: Baseboard heaters, radiant floors, radiant ceilings, convectors and fan-forced heaters
- Modulates heater at 10% increments, keeping the set temperature within 0.1°C, saving energy
- Quiet TRIAC switching technology with optional proportional control
- Selectable anticipation for ultimate performance
- Standby switch
- Lighted display
- Permanent temperature setpoint retention during power loss
- Simples configuration menu to activate optional features
- 4000W max @ 240 VAC, 2000W min @ 120 VAC
- Vertical
- 5 year warranty

Temperature Range	Temperature Range Switching		Brand	Part Number
7 to 32°C (45 to 90°F)	SPST	White	White Rodgers	1E65-144

### White **▼** Rodgers

#### Heat Only - 7 Day Programmable



- Can be used to control the following heating systems:
  - Gas/oil/electric systems
  - Hot water heating
  - Hot air system with no fan control
  - Millivolt systems
  - Electric heating up to 1200W@240V max
- Works with mV, 24V, 120VAC & 240VAC heating systems
- Used in central heating (conventional), baseboards, convectors, fan forced heaters, radiant ceilings
- Pump Protection Activates zone valves or pumps for one minute every 24 hours to prevent seizures and reduce callbacks
- Armchair 7 day programming
- 5 Year warranty

Compatible With	Used With	Power Method	Color	Brand	Part Number
V8043 1000 & 5000 Series Zone Valves MZV Series PowerTrak™ Motorized Zone Valves MT4 Series Smart-T Thermal Electric Actuators	Aube CT240-02 Telephone Controller	2 AA Batteries	White	Honeywell	TL8100A1008

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# 240 Volt Thermostats - Digital - Heat Only

## Electric Heat - 7 Day programmable



- Provides high precision electronic control for electric baseboards, convectors, radiant heating and fan forced heaters
- 20A @ 240VAC, 60Hz
- 15 minute heating cycles
- On demand backlighting
- Early start ensure programmed temperature is reached by programmed time
- Heat indicator
- On/off switch
- No batteries required
- Soundproofed for quiet operation
- Vertical
- 5 year limited warranty

Temperature Range	Switching	Positive Off	Color	Brand	Part Number
5 to 30°C (40 to 86°F)	SPST with Standby	Yes	White	Honeywell	TL8130A1005





## Millivolt (750mV) Thermostats - Mechanical - Heat Only

#### Heat Only - Mercury Free



- 2 wire thermostat
- Bi-metal snap action switch
- Anticipator .1A @ .75 Vdc
- Square

Temperature Range	Color	Brand	Part Number	
10 to 30°C (50 to 90°F)	White	Honeywell	TS812A1007	

## Honeywell

#### Heat Only - Mercury Free



- For control of 750mV or 12Vdc gas or oil heating systems Warm air, hot water, high efficiency furnaces, heat pumps, steam and gravity
- Bi-metal snap action switch
- Positive Off
- Vertical

Temperature Range	Color	Brand	Part Number
10 to 30°C	White	Honeywell	T827K1017

13/05/16

#### **Thermostats**

A184

#### Thermostat Multiplexer

- Operates on the principle of voltage divider
- Does not generate "noise" that might affect other electronic devices
- Not sensitive to "noise" that other electronic devices generate
- On call for Fan, the current flows from the transformer and back through the thermostat "G" terminal. The resistor "R1"creates a low voltage across resistor "R3". The voltage sensor detects this low voltage and switches on the solid-state relay for "G" at the receiver. This completes the circuit from "R" to "G" and causes the fan relay to energize
- On call for Cooling, the current flows from the transformer "R" terminal to the thermostat and back through the thermostat "G" and "Y" terminals. The resistors "R1" and "R2" create a medium voltage drop across resistor "R3". The voltage sensor detects this medium voltage and switches on the solid-state relays for "G" and "Y" and the receiver. This complete the circuit from "R" to "G" and "Y" and causes the Fan and Cooling relays to energize
- On call for Heat, the current flows from the transformer "R" terminal to the thermostat and back through the thermostat "W" terminal. This causes full voltage across resistor "R3". The voltage sensor detects this full voltage and switches on the solid-state relay for "W" at the receiver. The solid-state relays for "G" and "Y" will not energize when there is a call for Heat
- Model 5000 has the added ability of "R" and "C" connections at the sending unit for thermostat that require "R" and
  "C" connections



	Stag	es			Part
Heat Cool/ Fan Thermostat		Thermostat	Description	Brand	Number
1	-	-	Provides one additional wire to any cable. (ex. With a 2-wire cable it can provide R,W, + any one of G, Y, H, D, Y2, W2.)	Fast-Stat	1000
1	1	-	Designed to speed the installation when adding Air Conditioning to an existing heating system. Allows for 4 wire control over just 2 wires	Fast-Stat	3000
2	1	"C" Connection	Designed when upgrading a 2 stage furnace and can provide a "C" connection for thermostats that need a 24 volt power source	Fast-Stat	5000

## Equipment Remote Module (RedLINK<sup>TM</sup>)



- ERM uses reliable RedLINK<sup>™</sup> technology to let control devices, such as a thermostat, communicate wirelessly with outdoor two-stage air conditioners, heat pumps or an indoor boiler
- Eliminates the need to run additional wires to your equipment
- Suitable for outdoor use
- Temperature sensor terminals for outdoor temp sensors or indoor freeze protection
- LEDs for easy installation checkout
- ERM is not compatible with RedLINK<sup>™</sup> Zone boards

Stages	Temperature Range	Operating Humidity Range	Electrical Rating	Brand	Part Number
Up to 2H/2C Heat Pump or Up to 2 Stage Conventional		0 to 99% RH	24 Vac, 50Hz; 60 Hz	Honeywell	ERM5220R1018

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# Thermostats - Wireless FocusPRO® System - RedLINKTM

### Wireless FocusPRO® System

- As part of the RedLINK<sup>™</sup> group of products, this wireless system does not require any new wiring
- This system is used for:
  - Relocating a thermostat
  - Upgrading to multi-stage equipment or adding cooling
  - Displaying outdoor temperature and humidity
  - Controlling temperature on demand with the Portable Comfort Control
- Purchase as a kit or as individual items







YTH6320R1001



YTH6320R1015



TH8320WF1029







Description	Part Number
Programmable Wireless FocusPRO Kit (Non-Zoned)  Relocate thermostat without running new wires, upgrade to multi-stage or add cooling without running new  thermostat wire, displays outdoor temperature and humidity when used with the Wireless Outdoor Sensor C7089R1013, adjust all RedLINK™ enabled thermostats from a single control when used with the Portable Comfort Control REM5000R1001, Energy Star rated  Kit includes:  Wireless Programmable FocusPRO  Universal with up to 3H/2C heat pump or 2H/2C conventional, 5+1+1 or 5+2 day, 5 year warranty  Equipment Interface Module  Wire to the equipment using standard terminal designations and easy-to-wire, push terminals, 5 year warranty  Return Air Sensor  Wire to EIM for backup control high (82°F) and low (62°F) temperature limits	YTH6320R1001
Programmable Wireless FocusPRO System Kit (Non-Zoned)     Kit includes all components of YTH6320R1001 Kit,     REM5000R1001 Portable Comfort Control, and C7089R1013     Wireless Outdoor Sensor	YTH6320R1015
<ul> <li>Programmable Wireless VisionPRO Thermostat</li> <li>7 Day or 0, 3H/2C, 24V or 750mV, Touchscreen, Wi-Fi, Horizontal</li> </ul>	TH8320WF1029
Portable Comfort Control  On demand temperature control connects wirelessly to communicate and work with the Wireless FocusPRO  thermostat  Displays outdoor temperature and humidity when used with Wireless Outdoor Sensor C7089R1013  Adjust RedLINK™ enabled thermostats  Touchscreen interface  Battery powered  Audible feedback  7 sq. in. display size  On-demand backlighting  Displays room and set temperatures  One year warranty	REM5000R1001
Wireless Outdoor Sensor  Displays outdoor temperature and humidity on the Wireless FocusPRO and the Portable Comfort Control  Installs wirelessly with two screws and a touch of a button  Weather resistant cover  Lithium battery powered-up to 5 year battery life  One year warranty	C7089R1013

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# Thermostats - Wireless FocusPRO® System - RedLINK

### Wireless FocusPRO® System



- Everything you need to relocate thermostat or upgrade equipment without running new wires. \*R1122 includes wireless outdoor sensor to display outdoor temperature and humidity on all devices\*
- Programmable 5-1-1 Day or 5-2 Day
- Same great features of the FocusPRO thermostat now wireless.
- Works with the Equipment Interface Module to maintain safe indoor temperatures if power is lost at the wireless thermostat. Maintains 62F for heating and 82F for cooling
- Powered by REDLINK<sup>™</sup> reliability. No interference with other wireless devices in the home.
- 1 Year Battery Life
- 2 Month Low Battery Warning

#### YTH6320R1122 Kit Includes:

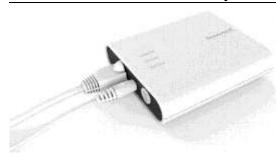
- THM6000R7001 RedLINK<sup>™</sup> Internet Gateway
- C7735A1000 Return Air Sensor
- THM5320R1000 Equipment Interface Module
- C7089R1013 Wireless Outdoor Sensor
- YTH6320R1001 Programmable Thermostat

#### YTH6320R1114 Kit Includes:

- THM6000R7001 RedLINK<sup>™</sup> Internet Gateway
- C7735A1000 Return Air Sensor
- THM5320R1000 Equipment Interface Module
- YTH6320R1001 Programmable Thermostat

Fan Current	Heat Current	Cool Current		Stag	es	Brand	Part Number
ran Current	neat Current	Cool Current	Heat	Cool	Cool	Dranu	rart Number
0.6 A running	1.0 A running	1.0 A running	Up to 3	2 Cool Heat Pump or Up to 2 Heat	2 Cool Conventional	Honeywell	YTH6320R1114
0.6 A running	1.0 A running	1.0 A running	Up to 3 2 Cool Heat Pump or Up to 2 Heat		2 Cool Conventional	Honeywell	YTH6320R1122

## RedLINK<sup>™</sup> Internet Gateway



- Connects RedLINK wireless thermostats to the internet to provide remote control of RedLINK thermostats and accessories
- 3' Ethernet Cable and 5 Vdc, 1000mA Plug in Power Adapter
- Simple installation to home or business router
- Easily change system modes and indoor temperature through the web portal or mobile app
- Multiple HOLD options allows modification of schedule as needed
- High/Low temperature and humidity messaging alerts the user when the indoor conditions are too high or too low

Application	Switch Positions	Switch Positions Power Method Operating Temperature		Voltage	Brand	Part Number
Up to 4 Heat/2 Cool Heat Pumps Internet control of RedLINK™ thermostats	Heat-Off-Cool-Auto- Em. Heat	24 Volt Plug in Transformer	-40 to 165°F (-40 to 74°C)	20 to 30 Vac	Honeywell	THM6000R7001



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## Thermostats - Prestige<sup>TM</sup> IAQ System - RedLINK<sup>TM</sup>

### The Prestige® IAQ Thermostat Kit



Honeywell

- The Prestige® IAQ thermostat is a 2 wire high definition color touch screen thermostat
- 7 day programmable and selectable for residential or light commercial
- Three sets of Universal IAO contacts to control humidification, dehumidification, and ventilation
- Four sensor inputs for wired sensors or dry contact devices
- Works with the Equipment Interface Module and  $RedLINK^{TM}$ accessories including the RedLINK<sup>™</sup> Internet Gateway, Portable Comfort Control, Wireless Outdoor Sensor and Wireless Indoor Sensor
- Operating Humidity Range 5 to 90% RH, non-condensing
  - Kit Contains: THM5421R1021 Equipment Interface Module and 2 x C7735A10 Duct Sensors

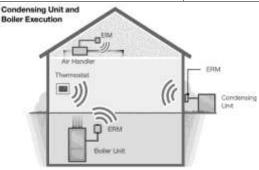
5	Screen	Temperature		Sta	ges		Switc	hes	Color	Brand	Part Number
	Size	Range	Conve	ntional	Heat	Pump	System	Fan	Color	Dianu	rartivumber
	8.06 sq. in.	Heat: 4.5-32°C (40-90°F) Cool: 10-37°C (50-99°F)	4	2	3	2	Heat-Off-Cool- Auto-EM Heat	Auto-On-Circ	White	Honeywell	YTHX9421R5085WW

### RedLINK<sup>™</sup> Equipment Remote Module Kit



- Equipment Remote Module (ERM) uses reliable RedLINK<sup>™</sup> technology to let control devices, such as a thermostat, communicate wirelessly with outdoor two-stage air conditioners, heat pumps or an indoor boiler
- With the ERM outside and the Equipment Interface Module (EIM) and RedLINK<sup>™</sup>-enabled VisionPRO 8000 thermostat inside, installations of complete systems have never been simpler
- ERM is suitable for outdoor use
- Eliminates the need to run additional wires to your equipment
- Temperature sensor terminals for outdoor temp sensors or indoor freeze protection
- LEDs for easy installation checkout
- ERM is not compatible with RedLINK<sup>™</sup> Zone boards

Description	Stages	Temperature Range	Operating Humidity Range	Electrical Rating	Brand	Part Number	
Includes Equipment Remote Module (ERM) (ERM5220R1018) and VisionPRO 8000 (TH8321R1001)	Up to 2H/2C Heat Pump or Up to 2 Stage Conventional	Up to 2H/2C -4 Heat Pump or Up to 2 Stage Conventional	Compressor: -40F/-40C to +155F/+68C; Boiler: 30F/-1C to +130F/+54C	0 to 99% RH	24 Vac, 50Hz; 60 Hz	Honeywell	YERM5220R8321
Includes Equipment Remote Module (ERM) (ERM5220R1018), VisionPRO 8000 (TH8321R1001), and Equipment Interface Module (EIM) (THM5421R1021)							TERM5220RVPEIM



**Davies** Davies Supply Group Ltd 13/06/14 **A184-4** 

## Thermostats - E-Connect Wireless Thermostat Comfort System

#### Wireless Programmable/Non-Programmable - Line Volt Thermostat Kit



- Wireless Programmable/Non-Programmable Line Volt Thermostat kit. RedLINK<sup>™</sup> Enabled. Up to 12.5A
- Honeywell Wireless Programmable Line Volt Thermostat Kit with English Only User Interface
- Outdoor Sensor with C7089R1013 optional
- Thermistor Sensor Element
- Includes: Wireless E-Connect<sup>™</sup> 7-Day / 5-2 Programmable Thermostat and Electrical Heat Equipment Interface Module
- Can link up to eight (8) equipment interface modules THM1110R1000 to the same thermostat

Temperature Range		Switch	Electr	ical Ratings				Part
	Application	Type	Min	Max	Voltage	Power Method	Brand	Number
Thermostat: 0 to50°C (32 to 122°F) EIM: -20 to 60°C (-4 to 140°F)	Electrical, Baseboard, Convector or Fan-forces	Relay	0.4 A, 100 W @ 240 Vac	12.5 A, 3000 W @ 240 Vac	100 to 240 Vac	Thermostat: Battery EIM: Hardwired	Honeywell	YTL9160AR1000

### RedLINK<sup>™</sup> Enabled Electrical Heat Equipment Interface Module



- RedLINK<sup>™</sup> Enabled Electrical Heat Equipment Interface Module
- Easily add 12.5A of capacity to a Honeywell E-Connect<sup>™</sup> Wireless Electrical Heat Thermostat Kit
- Outdoor Sensor with C7089R1013 optional
- Includes: Honeywell Electrical Heat Equipment Interface, white and light almond antenna covers
- Additional equipment interface module to be used with YTL9160AR1000

	Temperature Range	Application	Switch	Electr	ical Ratings	Voltago	Power Method	Brand	Part
		Application	Type	Min	Max	Voltage			Number
	-20 to 60°C (-4 to 140°F)	Electric, Baseboard, Convector or Fan- forced	Relay	0.4 A, 100 W @ 240 Vac	12.5 A, 3000 W @ 240 Vac	100 to 240 Vac	Hardwired	Honeywell	TLM1110R1000

### RedLINK<sup>™</sup> Enabled Equipment Interface Module



- RF Equipment Interface Module for up to 3 heat/2 cool pump system
- Easily relocate and upgrade thermostat or equipment without new wires using this module with wireless FocusPRO® thermostat (not included)
- No interference with other wireless devices in the home
- Input for Return Air Sensor
- Quick-connect terminal blocks
- LEDs for power and system status

Temperature Range	Application	Voltage	Power Method	Brand	Part Number
-40C to 74°C (-40F to 165°F)	Gas, oil, electric, heat pump, forced warm air, hot water, steam or gravity	18 to 30 Vac	Hardwired	Honeywell	THM5320R1000

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## Thermostats - Wi-Fi

#### Wi-Fi 9000 Color Touchscreen - Voice Activated







- Honeywell's Wi-Fi 9000 Comfort System allows remote access to the thermostat through a computer, tablet, or smart phone with Honeywell's **Total Connect Comfort Service**
- Voice activated, full Color HD Touchscreen, customizable colour
- Program thermostat locally or remotely over the web or app
- Connect to home's existing Wi-Fi network, auto update through web, tablet or smartphone access
- Uses iOS or Android App to connect
- Selectable to 7 Day or Non-Programmable
- 3 Heat / 2 Cool

Description	Brand	Part Number
7 Day or 0, 3H/2C, Voice control, Color Touchscreen, Horizontal	Honeywell	TH9320WFV6007

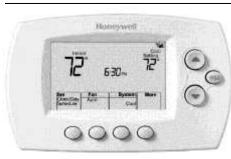
#### Wi-Fi 9000 Color Touchscreen



- Remote comfort control via computer, tablet or smartphone with Honeywell's Total Connect Comfort app
- High-gloss frame, full colour HD Touchscreen, and choice of customizable screen color
- Redesigned terminal block no longer requires tools, no manual needed with plain-language on-screen setup
- Automatic software updates through Wi-Fi
- Selectable to 7 day or non-programmable
- 3 Heat / 2 Cool

Description	Brand	Part Number
7 Day or 0, 3H/2C (not compatible w/millivolt systems) Color Touchscreen, Horizontal	Honeywell	TH9320WF5003

### Wi-Fi FocusPRO® 6000



- Homeowners can monitor and control their home's comfort settings anywhere at anytime
- Connect using a regular computer, tablet or smartphone
- Automatic software updates through Wi-Fi
- Precise comfort control (±1 F) maintains comfort to the highest level of accuracy
- Simplified programming and operation,
- Large backlit display
- Adaptive Intelligent Recovery

Description	Brand	Part Number	
7 Day or 0, 3H/2C, 24V or 750mV, Horizontal	Honeywell	TH6320WF1005	

### Wi-Fi VisionPRO® 8000



- Connect using a regular computer, tablet or smartphone
- Automatic software updates through Wi-Fi
- Touchscreen display with backlight

Description	Brand	Part Number
7 Day or 0, 3H/2C, 24V or 750mV, Touchscreen, Horizontal	Honeywell	TH8320WF1029

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## Thermostats - Wi-Fi

#### Wi-Fi VisionPRO® 8000



- Offers comfort, convenience, and connectivity
- Use existing Wi-Fi network plus Honeywell's free Total Connect Comfort services
- Remotely control comfort settings and manage energy costs with ease via computer, tablet or smartphone
- Intuitive programming for easier setup
- Equipment check/change reminders
- Programmable for annual energy savings
- Residential/Commercial use
- Up to 3 Heat / 2 Cool Heat Pump, or up to 2 Heat / 2 Cool Conventional
- 7-Day Multiple Day Programmability or Non-Programmable
- 10" Touchscreen display, arctic white colour
- Thermistor Sensor Element
- 32°F to 120°F / 0°C to 49°F Operating Temperature Range
- Switch Type: Relay

Description	Brand	Part Number	
Programmable, 3H/2C or 2H/2C, 18-30 Vac, Hardwired	Honeywell	TH8321WF1001	

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### Thermostats - Wi-Fi

### Lyric Round<sup>™</sup> Wi-Fi Thermostat



COMPATIBILITY	
Single Stage Heating and Cooling	Yes
Multistage Heating and Cooling	Yes
Heating Only	Yes
Cooling Only	Yes
Furnace (Warm Air)	Yes
Central Air Conditioning	Yes
Heat Pump without Auxiliary Heat	Yes
Heat Pump with Auxiliary Heat	Yes
Dual Fuel	Yes
Hot Water	Yes
Steam or Gravity	Yes
750 Millivolt	No
Gas Fireplaces (24 Volts)	Yes
Electric Baseboard Heat (120-240 Volts)	No
C-Wire Required	No
Compatible with Humidifier, Dehumidifier or Ventilator	Yes

- Installation and setup at the thermostat or through the Lyric app
- Control from anywhere by smartphone or tablet
- Location based temperature control uses smartphone location to adjust the settings to save energy when away and help make the homeowner comfortable upon arrival
- Intelligent comfort control maintains comfort by considering indoor/ outdoor temperature and humidity
- Smart alerts sends maintenance notifications and alerts about extreme conditions
- Custom shortcuts for more predictable life events
- At-a-glance weather outlook helps homeowners plan their day
- Ecosystem Integration Works with Apple<sup>®</sup> Homekit<sup>™</sup> and Samsung<sup>®</sup> SmartThings<sup>™</sup> for an even greater connected home experience
- °C or °F temperature display
- Auto-change over
- Lyric's implementation of Apple Homekit<sup>™</sup> requires 24 VAC power ("C" wire)

Description	Fan Operation	Brand	Part Number
Programmable, 2H/2C, 24V, Round, includes decorative back plate	On/Auto/Circulate	Honeywell	TH8732WFH5002

Minimum System Requirements for Use with Wi-Fi:

- IEEE 802.11 b/g/n/ac capable routers, 2.4 GHz
- Lyric app for Android (4.0+) or iOS (8.0+)
- App is only available in English





iOS Android

## Lyric<sup>™</sup> T6 Pro Wi-Fi Thermostat



- Geofencing, 7 day, 5-2, 5-1-1 programmable, or non-programmable
- Program/Schedule/or use Location-based control with geofencing, to save energy when away from the home
- Installation and setup at the thermostat or through the Lyric app
- Available with optional ventilation control and dual fuel capabilities for residential new construction projects that need to meet the ASHRAE 62.2 standard
- Seamlessly integrates with Apple® HomeKit<sup>™</sup> and Amazon Echo® for customers who want full control to all their smart home devices from a
- All T Series thermostats use the same UWP mounting system
- Snap-together design enables you to easily move customers from a nonconnected to a connected thermostat without having to rip and replace the connector and cover plate (C-wire is required)
- Service reminders

Display Size	Power Method	Stages	Dual Fuel	Ventilation with ERV/HRV or Damper	Wired Indoor/ Outdoor Sensors	Replaces this FocusPRO model	Brand	Part Number
6.89 sq. in.	C-Wire Only	2H/2C Conventional 3H/2C Heat Pump	Yes	Yes	Yes	TH6320WF1005	Honeywell	TH6320WF2003
		2H/2C Conventional 2H/1C Heat Pump	No	No	Yes	N/A	Honeywell	TH6220WF2006

Honeywell LVric

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### Thermostats - Wi-Fi

### Lyric<sup>™</sup> C-1 Wi-Fi Security Camera



- Monitor your home anytime, anywhere
- Set up one or many cameras to watch over your home, working together with the Lyric app
- Camera notifies you on your smartphone or tablet if it detects unusual movement or sounds. It will also alert you if your smoke or CO alarm goes off.
- Features: Intelligent sound detection, high definition wide angle view, adjustable alert zones, cloud and SD storage, night vision and two-way talk
- Lyric app allows you to turn the camera on or off, add geofencing, watch livestream video, take snapshots during video and adjust features
- Includes: Camera, power cord, 8GB micro SD card and mounting hardware
- Camera stand is connected by a magnet, simply remove stand to hang on wall
- Up to 64GB Micro SD card capacity
- LED's provide status indication
- Communications: Wi-Fi & Bluetooth

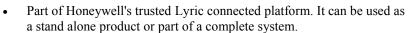
Compatible With	Power Method	Brand	Part Number
Honeywell Lyric App for iPhone, iPad and Android	Power Cord (5V/2A)	Honeywell	CHC8080W1000

### Lyric<sup>™</sup> Wi-Fi Water Leak and Freeze Detector





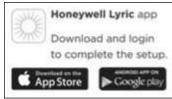
- IEEE 802.11 b/g/n/ac capable routers, 2.4 GHz
- Lyric app for Android (4.3+) or iOS
- App is only available in English



- Connected by Lyric App, it alerts you on your smartphone when a leak is detected or the temperature drops below a temperature of your choice
- Includes a 4 foot water sensing cable. Additional cables can be added up to 500 feet.
- Easy setup, no wiring
- Battery life is up to 3 years with easy maintenance (3 AA included)
- Water Sensing Rate: 1 time per minute
- Unit is reusable after a detection
- Temperature Alert Detection: Below 45°F(7°C) or above 100°F(38°C) are default settings; can be changed
- Humidity Alert Detection: Below 20% RH or above 70% RH are default settings; can be changed
- Regulatory: FCC, IC

Dimensions	dBA	Temperature Sensing	Brand	Part Number
3.07" square x 1.26" thick	100	32°F-140°F (0°C-60°C)	Honeywell	CHW3610W1001
4 Pack of #CHW3610W1001		Honeywell	YCHW4000W4004	
4 Foot Cable Sensor for Lyric Water Leak Detector		Honeywell	CHWES41013	





Honeywell Lyric<sup>\*</sup>

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## Thermostats - Wi-Fi

#### Sensi<sup>™</sup> Wi-Fi Thermostats

















- Easy to Connect to Wi-Fi: Step-by-step guide in the app
- **Geofencing:** Automatically changes temperatures based on the location of the homeowner's smartphone
- Smart Alerts: Notifies homeowner of extreme temperature or humidity levels
- Smart Home Compatible: Compatible with smart home platforms Apple HomeKit, Amazon Alexa and Wink
- Remote Access: Set, change and program home comfort from anywhere
- **Automatic Upgrades:** As features are enhanced and released, Sensi thermostat software is kept up-to-date automatically
- Flexible Scheduling: Customize a 7-day schedule
- Savings: Saves up to 30% on HVAC energy costs
- **Multi-Thermostat Control:** Using the Sensi online portal or mobile app, available on Apple and Andriod smart devices
- **Humidity Sensor:** Displays indoor humidity on the thermostat and in the app
- Contractor On Call: The app stores contractor information so when your customer needs service you're just a tap away
- **Dual Fuel Applications:** Automatic staging for heat pumps/gas furnace without the need for outdoor sensor or additional equipment
- More Features: Auto changeover, EMR/Early start program, humidity display, dual fuel control, auto DST adjust, keypad lockout, backlit display (continuous with common), permanent memory, weather updates
- 1F87U-42WFC Install: No c-wire required for most installations. Installs like a regular thermostat and works with existing wiring 90% of the time.
- **1F95U-42WFC Install:** Built-in level, terminal lights, large easy to read terminal labels on back plate, click terminals. C-wire required.
- 5 year limited warranty

Description	Stages	Applications	Power Method	Brand	Part Number
Wi-Fi/7 Day/0 Programmable	2H/2C Conventional 4H/2C Heat Pump	Gas/Oil/Electric, 3 Wire Zone PTCA Compatible	Battery or Hardwired (24V)	Emerson	1F87U-42WFC
HD Touch Screen Color Display Wi-Fi/7 Day/0 Programmable	2H/2C Conventional 4H/2C Heat Pump	Gas/Oil/Electric, 3 Wire Zone PTCA Compatible	Hardwired (24V)	Emerson	1F95U-42WFC
Wall Plate for #1F87U-42WFC					F61-2663
Wall Plate for #1F95U-42WFC					F61-2689
C-Wire Kit For Sensi				Emerson	SA11