Honeywell Home

THERMOSTATS QUICK REFERENCE GUIDE

Connected Thermostats
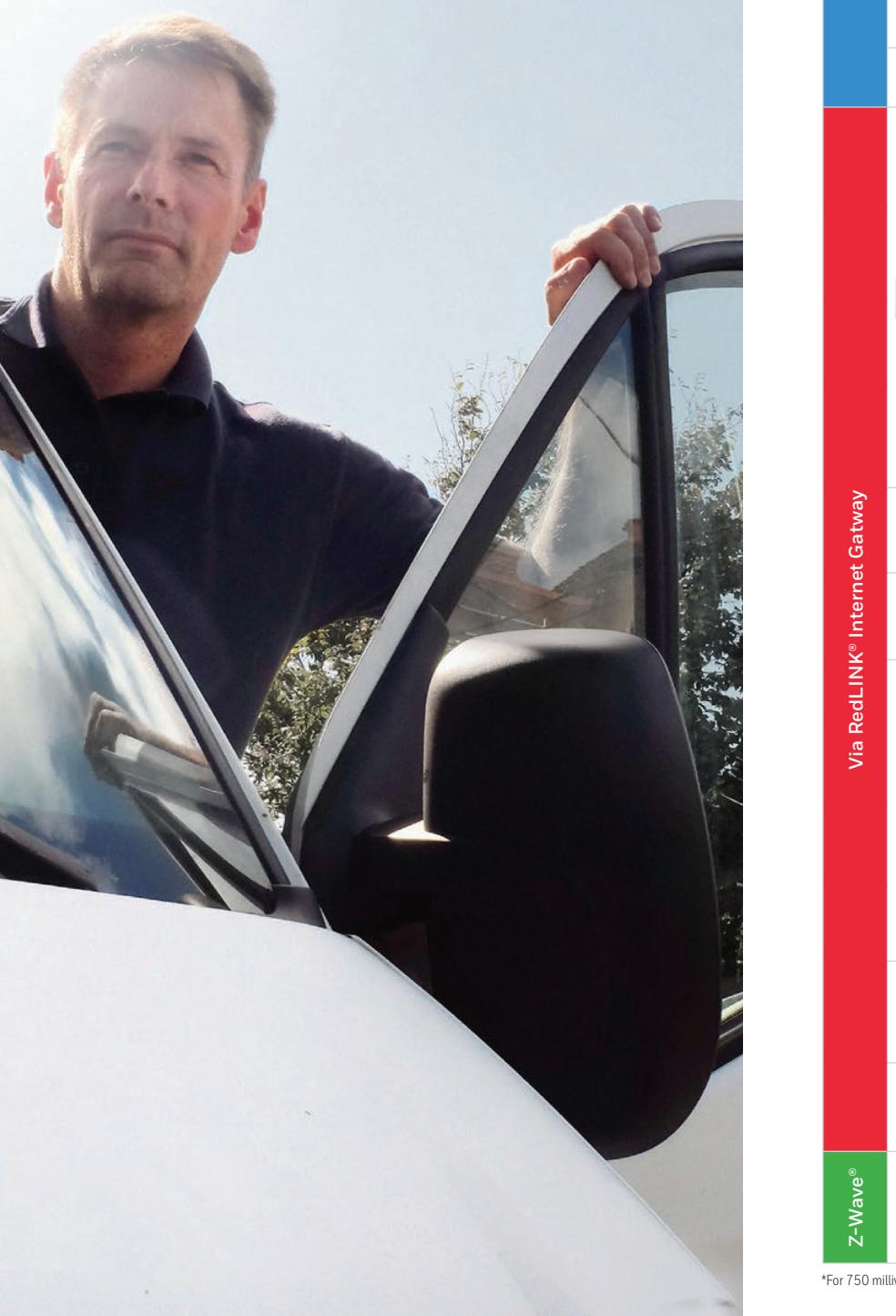
Network Connection	Description	Model	Schedule Options	User Interface	Application (Stages)	Power Method	Features and Functions (Display Size / other)	Service Reminders	Limited Warranty	Wiring Terminals	Accessories Included
WiFi	T10+ Thermostat, EIM, RATS/DATS, Wireless Indoor Sensor	YTHM1004R3000	Geofence, 7 day, 1 week, no schedule	Touchscreen	Up to 4H/2C Heat Pump, Up to 3H/2C Conventional	24 volt to R and C at thermostat and EIM	7.27 sq. in.	•	5 Year	Equipment Interface Module R, C, RH, RC, W, O/B, W2/AUX1, W3/AUX2, Y, Y2, G, L, U1, U1, U2, U2, U3, U3, S1, S1, S2, S2, S3, S3, S4, S4	T10+ Thermostat, THM04R3000 EIM, 2 duct sensors, C7189R300 Wireless Indoor Sensor
WiFi	T10+ Thermostat, EIM, RATS/DATS, Wireless Indoor Sensor, Wireless Outdoor Sensor	YTHM1004R3001	Geofence, 7 day, 1 week, no schedule	Touchscreen	Up to 4H/2C Heat Pump, Up to 3H/2C Conventional	24 volt to R and C at thermostat and EIM	7.27 sq. in.	•	5 Year	Equipment Interface Module R, C, RH, RC, W, O/B, W2/AUX1, W3/AUX2, Y, Y2, G, L, U1, U1, U2, U2, U3, U3, S1, S1, S2, S2, S3, S3, S4, S4	T10+ Thermostat, THM04R3000 EIM, 2 duct sensors, C7189R3002 Wireless Indoor Sensor, C7089R3013 Wireless Outdoor Sensor
WiFi	T10 Pro Smart with RedLINK® Sensor	THX321WFS2001W	Geofence, 7 day, 1 week, no schedule	Touchscreen	Up to 3 Heat/2 Cool – Heat Pump, Up to 2 Heat/2 Cool – Conventional	C-Wire	Via internet / 7.27 sq. in.	•	5 Year	R, RC, C, W, W2-AUX, E, O/B, Y, Y2, G, L, K, U, U, S and S	C7189R2002 wireless temp/humidity/motion sensor, UWP mounting system, decorative cover plate, & mounting hardware
WiFi	T10 Pro Smart without Sensor	THX321WF2003W									UWP mounting system, decorative cover plate, & mounting hardware
WiFi	T6 Pro Smart	TH6320WF2003	Geofence, 7-day, 5-1-1, 5-2, 1 week, no schedule	Touchscreen	Up to 3 Heat/2 Cool – Heat Pump, Up to 2 Heat/2 Cool – Conventional and S	C-Wire	Via internet / Lockouts only, no display / 6.89 sq. in.	•	5 Year	R, RC, C, W, W2-AUX, E, O/B, Y, Y2, G, L, K, U, U, S and S	UWP mounting system, decorative cover plate, & mounting hardware
WiFi	T6 Pro Smart	TH6220WF2006	Geofence, 7-day, 5-1-1, 5-2, 1 week, no schedule	Touchscreen	Up to 2 Heat/1 Cool – Heat Pump, Up to 2 Heat/2 Cool – Conventional	C-Wire	Via internet / Lockouts only, no display / 6.89 sq. in.	•	5 Year	R, RC, C, W, W2-AUX, E, O/B, Y, Y2, G, L, K, S and S	UWP mounting system, decorative cover plate, & mounting hardware
WiFi	9000 Smart	TH9320WF5003	7-Day or NP	Touchscreen	Up to 2 Heat/2 Cool – Heat Pump, Up to 2 Heat/2 Cool – Conventional	C-Wire	Via internet / 8 sq. in.	Filter, humidifier pad only	5 Year	R, RC, C, W-O/B, Y, G, W2-AUX/E, Y2, L, K	Mounting hardware
WiFi	Vision PRO® 8000 Smart	TH8321WF1001	7-Day or NP	Touchscreen	Up to 3 Heat/2 Cool – Heat Pump, Up to 2 Heat/2 Cool – Conventional	C-Wire	Via internet / 10 sq. in.	•	5 Year	R, RC, W2-AUX/E, Y, Y2, G, C, K, S1, S1, S1-W-O/B, U1, U1, A-L/A	Mounting hardware
Via RedLINK® Internet Gateway	Prestige® IAQ Kits	YTHX9421R5085WW	7-Day or NP	Touchscreen	Up to 4 Heat/2 Cool – Heat Pump, Up to 3 Heat/2 Cool – Conventional	24 volt to R and C at thermostat and EIM w/ Gateway	8 sq. in.	•	5 Year	Prestige IAQ – R, C. Equipment Interface Module – R, C, RH, RC, W-O/B, W2/AUX1, W3/AUX2, Y, Y2, G, A-L/A, U1, U1, U2, U2, U3, U3, S1, S1, S2, S2, S3, S3, S4, S4, A, B, C, D	THM5421R1021 Equipment Interface Module and 2 duct sensors
Via RedLINK® Internet Gateway	Prestige® IAQ Kits	YTHX9421R5101WW	7-Day or NP	Touchscreen	Up to 4 Heat/2 Cool – Heat Pump, Up to 3 Heat/2 Cool – Conventional	24 volt to R and C at thermostat and EIM w/ Gateway	8 sq. in.	•	5 Year	Prestige IAQ – R, C. Equipment Interface Module – R, C, RH, RC, W-O/B, W2/AUX1, W3/AUX2, Y, Y2, G, A-L/A, U1, U1, U2, U2, U3, U3, S1, S1, S2, S2, S3, S3, S4, S4, A, B, C, D.	THM5421R1021 Equipment Interface Module, C7089R1013 wireless outdoor sensor, and 2 duct sensor
Via RedLINK® Internet Gateway	Prestige® IAQ Kits	YTHX9421R5127WW	7-Day or NP	Touchscreen	Up to 4 Heat/2 Cool –Heat Pump, Up to 3 Heat/2 Cool –Conventional	24 volt to R and C at thermostat and EIM	8 sq. in.	•	5 Year	Prestige IAQ – R, C. Equipment Interface Module – R, C, RH, RC, W-O/B, W2/AUX1, W3/AUX2, Y, Y2, G, A-L/A, U1, U1, U2, U2, U3, U3, S1, S1, S2, S2, S3, S3, S4, S4, A, B, C, D.	THM5421R1021 Equipment Interface Module, THM6000R7001 RedLINK Internet Gateway and 2 duct sensors
Via RedLINK® Internet Gateway	Prestige® IAQ Kits	YTHX9421R7001WW	7-Day or NP	Touchscreen	Up to 4 Heat/2 Cool – Heat Pump, Up to 3 Heat/2 Cool –Conventional	24 volt to R and C at thermostat and EIM	8 sq. in.	•	5 Year	Prestige IAQ – R, C. Equipment Interface Module – R, C, RH, RC, W-O/B, W2/AUX1, W3/AUX2, Y, Y2, G, A-L/A, U1, U1, U2, U2, U3, U3, S1, S1, S2, S2, S3, S3, S4, S4, A, B, C, D.	THM5421R1021 Equipment Interface Module, THM6000R7001 RedLINK Internet Gateway, C7089R1013 wireless outdoor sensor, C7189R1004 wireless indoor sensor and 2 duct sensors
Via RedLINK® Internet Gateway	Prestige® IAQ	THX9421R5021WW	7-Day or NP	Touchscreen	Up to 4 Heat/2 Cool –Heat Pump, Up to 3 Heat/2 Cool –Conventional	24 volt to R and C at thermostat and EIM w/ Gateway	8 sq. in.	•	5 Year	Prestige IAQ – R & C. (EIM ordered separately).	Mounting hardware
Via RedLINK® Internet Gateway	EConnect™ Wireless Comfort System	YTL9160AR1000	7-Day or NP	Soft Keys	1 Heat	Battery powered thermostat, 120/240V at EIM	4.53 sq. in.	•	3 Year	L1/L, L2/N & Load, Load	Antenna (with 2 covers white and beige) and EIM
Via RedLINK® Internet Gateway	RedLINK® VisionPRO® 8000	TH8110R1008	7-Day or NP	Touchscreen	1 Heat/1 Cool**	Dual powered (battery and hardwire) w/ Gateway	10 sq. in.	•	5 Year	R, RC, C, W-O/B, Y, G, K, S1, S1	Batteries & mounting hardware
Via RedLINK® Internet Gateway	RedLINK® VisionPRO® 8000	TH8320R1003	7-Day or NP	Touchscreen	Up to 3 Heat/2 Cool – Heat Pump, Up to 2 Heat/2 Cool – Conventional*	Dual powered (battery and hardwire) w/ Gateway	10 sq. in.	•	5 Year	R, RC, C, W-O/B, W2-AUX/E, Y, Y2, G, A-L/A, K, S1, S1	Batteries & mounting hardware
Via RedLINK® Internet Gateway	RedLINK® VisionPRO® 8000	TH8321R1001	7-Day or NP	Touchscreen	Up to 3 Heat/2 Cool – Heat Pump, Up to 2 Heat/2 Cool – Conventional*	Dual powered (battery and hardwire) w/ Gateway	10 sq. in.	•	5 Year	R, RC, C, W-O/B, W2-AUX/E, Y, Y2, G, A-L/A, K, U1, U1, S1, S1	Batteries & mounting hardware
Via RedLINK® Internet Gateway	RedLINK® VisionPRO® 8000	YTH8321R1002	7-Day or NP	Touchscreen	Up to 3 Heat/2 Cool – Heat Pump, Up to 2 Heat/2 Cool – Conventional*	Dual powered (battery and hardwire)	10 sq. in.	•	5 Year	R, RC, C, W-O/B, W2-AUX/E, Y, Y2, G, A-L/A, K, U1, U1, S1, S1	RedLINK Internet Gateway, Batteries & mounting hardware
Via RedLINK® Internet Gateway	FocusPRO® 6000 RedLINK® Programmable Kit	YTH6320R1001	5-1-1/5-2	Soft Keys	Up to 3 Heat/2 Cool – Heat Pump, Up to 2 Heat/2 Cool – Conventional*	Batteries at thermostat. R and C at EIM	5.09 sq. in.	•	5 Year	Equipment Interface Module – C, R, RC, RH, W-O/B, W2-AUX/E, Y, Y2, G, L, RAS, RAS	EIM, Return Air Sensor, Batteries & mounting hardware
Via RedLINK® Internet Gateway	FocusPRO® 5000 RedLINK® Non-Programmable	YTH5320R1000	Non programmable	Soft Keys	Up to 3 Heat/2 Cool – Heat Pump, Up to 2 Heat/2 Cool – Conventional*	Batteries at thermostat. R and C at EIM	5.09 sq. in.	•	5 Year	Equipment Interface Module – C, R, RC, RH, W-O/B, W2-AUX/E, Y, Y2, G, L, RAS, RAS	EIM, Return Air Sensor, Batteries & mounting hardware
Z-Wave®	T6 Pro Z-Wave	TH6320ZW2003	7-Day, 5-1-1, 5-2, 1 week no schedule, Z-Wave occupancy	Touchscreen	Up to 3 Heat/2 Cool – Heat Pump, Up to 2 Heat/2 Cool – Conventional*	Dual powered (battery and hardwire)	6.89 sq. in.	•	5 Year	C, R, RC, Y, Y2, G, O/B, W, W2, AUX, E, L, K, S and S	UWP mounting system, decorative cover plate, & mounting hardware

*For 750 millivolt thermostats without EIM, 24 volt transformer must wire to Rc and C and heater wires to R and W. For EIM, 24 volts to R and C. Millivolt heater to Rh and W.

Non-Connected Thermostats

Description	Model	Scheduling	User Interface	Application: Stages	App: Gas, Oil or Electric	App: Heat Pump	App: Millivolt	App: Linevolt	Power Method	Permanent Memory Retention	Selectable Auto or Manual Changeover	Dual Fuel	Wired Outdoor Sensor	Wired Indoor Sensor	Floor / Slab Sensor	Temperature Setpoint Limits	Display Size (Viewable)	On-Demand Backlighting	Limited Warranty	Wiring Terminals	Accessories Included
T6 Pro	TH6320U2008	7-Day, 5-1-1, 5-2, or NP	Soft keys	Up to 3 Heat/2 Cool – Heat Pump; Up to 2 Heat/2 Cool – Conventional	•	•	•		Dual powered (battery and hardwire)	•	•	•	Lockouts only, no display			•	5.44 sq. in.	•	5 Year	R, RC, C, W, W2-AUX, Y, Y2, G, L, K, S and S, O/B, and E and S	UWP mounting system, decorative cover plate, mounting hardware & batteries
T6 Pro	TH6220U2000	7-Day, 5-1-1, 5-2, or NP	Soft keys	Up to 2 Heat/1 Cool – Heat Pump; Up to 2 Heat/2 Cool – Conventional	•	•	•		Dual powered (battery and hardwire)	•	•	•	Lockouts only, no display			•	5.44 sq. in.	•	5 Year	R, RC, C, W, W2-AUX, Y, Y2, G, L, K, S and S, O/B, and E and S	UWP mounting system, decorative cover plate, mounting hardware & batteries
T6 Pro	TH6210U2001	7-Day, 5-1-1, 5-2, or NP	Soft keys	Up to 2 Heat/1 Cool – Heat Pump; Up to 1 Heat/1 Cool – Conventional	•	•	•		Dual powered (battery and hardwire)	•	•					•	5.44 sq. in.	•	5 Year	R, RC, C, W, W2-AUX, Y, G, L, O/B, E and K	UWP mounting system, decorative cover plate, mounting hardware & batteries
T6 Pro Hydronic	TH6100AF2004	7-day, 5-1-1, 5-2, or NP	Soft keys	1 Stage Hot Water Heat Only – No Fan					Dual powered (battery and hardwire)	•					•	•	5.44 sq. in.	•	5 Year	R, RC, C, W, S, and S	Floor sensor, UWP mounting system, decorative cover plate, mounting hardware & batteries
T4 Pro	TH4210U2002	7-day, 5-1-1, 5-2, or NP	Soft keys	Up to 2 Heat/1 Cool – Heat Pump; Up to 1 Heat/1 Cool – Conventional	•	•	•		Dual powered (battery and hardwire)	•	•					•	3.93 sq. in.	•	5 Year	R, RC, C, W, W2-AUX, Y, G, L, O/B, E & K	UWP mounting system, decorative cover plate, mounting hardware & batteries
T4 Pro	TH4110U2005	7-day, 5-1-1, 5-2, or NP	Soft keys	Up to 1 Heat/1 Cool – Heat Pump; Up to 1 Heat/1 Cool – Conventional	•	•	•		Dual powered (battery and hardwire)	•	•					•	3.93 sq. in.	•	5 Year	R, RC, W, O/B, Y, G, C, L, and K	UWP mounting system, decorative cover plate, mounting hardware & batteries
TL8100 Hydronic	TL8100A1008	7-Day	Soft keys	Control a Line Voltage (120/240VAC) valve or pump or a 24 volt valve	Gas or oil			•	Battery powered	•							2.67 sq. in.	•	5 Year	1, 2, 3	Mounting hardware & batteries
T3 Pro Non-Programmable	TH3210U2004	NP	Soft keys	2 Heat/1 Cool –Heat Pump; 1 Heat/1 Cool –Conventional	•	•	•		Dual powered (battery and hardwire)	•	•					•	3.32 sq. in.	•	5 Year	R, RC, C, W, O/B, Y, G, AUX, and E	UWP mounting system, decorative cover plate, mounting hardware & batteries
T3 Pro Non-Programmable	TH3110U2008	NP	Soft keys	1 Heat/1 Cool –Heat Pump; 1 Heat/1 Cool –Conventional	•	•	•		Dual powered (battery and hardwire)	•	•					•	3.32 sq. in.	•	5 Year	R, RC, C, W, O/B, Y, and G	UWP mounting system, decorative cover plate, mounting hardware & batteries
Pro 3000 Non-Programmable	TH3210D1004	NP	Soft keys	2 Heat/1 Cool –Heat Pump only		•			Dual powered (battery and hardwire)	•	Manual						1.32 sq. in.		5 Year	R, C, O, B, Y, G, L, AUX, and E.	Mounting hardware & batteries
Pro 3000 Non-Programmable	TH3110D1008	NP	Soft keys	1 Heat/1 Cool –Heat Pump; 1 Heat/1 Cool –Conventional	•	•	•		Dual powered (battery and hardwire)	•	Manual						1.32 sq. in.		5 Year	R, RC, C, O, B, Y, W, and G.	Mounting hardware & batteries
T1 Pro Non-Programmable	TH1110D2009	NP	Soft keys	1 Heat/1 Cool – Heat Pump; 1 Heat/1 Cool – Conventional	•	•	•		Dual powered (battery and hardwire)	•	Manual					•	2.37 sq. in.	•	5 Year	C, R, RC, W, O/B, Y, G	UWP mounting system, decorative cover plate, mounting hardware & batteries
E1 PRO Non-Programmable	TH1110E1000	NP	Soft keys	1 Heat/1 Cool –Heat Pump; 1 Heat/1 Cool –Conventional	•	•	•		Dual powered (battery and hardwire)	•	Manual						3.32 sq. in.		2 Year	R, RC, C, W, Y, G, O, and B	Wall-plate, mounting hardware, & batteries
The Round™	T87K1007	NP	Dial	1 Heat or 1 Cool	•				Power stealing							50010944-001	N/A		5 Year	R, W, Y	Mounting hardware
The Round™	T87N1000	NP	Dial	1 Heat/1 Cool	•				Power stealing		Manual					50010944-001	N/A		5 Year	R, RC, W, Y, G, O, B	Mounting hardware
The Round™	T87N1026	NP	Easy-To-See™	1 Heat/1 Cool	•				Power stealing		Manual					50010944-001	N/A		5 Year	R, RC, W, Y, G, O, B	Mounting hardware
Econostat Horizontal	T8034N1007	NP	Slide switches and lever	1 Heat/1 Cool	•				Mechanical		Manual					50019661-001	N/A		5 Year	R, RC, W, Y, G, O, B	Mounting hardware
Econostat	T822K1000	NP	Slide switches and lever	1 Heat	•				Mechanical		Positive off					50019661-001	N/A		5 Year	R, W	Mounting hardware
Econostat	T827K1009	NP	Slide switches and lever	1 Heat	•			•	Mechanical		Positive off					50019661-001	N/A		5 Year	R, W	Mounting hardware
TL8230	TL8230A1003	7-Day	Soft keys	1 Heat				•	3328 watts @ 208 VAC Max; 3840 watts @ 240 VAC Max		Positive off						2.67 sq. in.	•	5 Year	4-wire DPST	Mounting hardware
LineVoltPRO™	TL7235A1003	NP	Horizontal lays	1 Heat				•	3600 watts @240 VAC Max; 3120 watts @208 VAC Max		Positive off						2.67 sq. in.	•	3 Year	4-wire DPST	Mounting hardware
T410A,B Line Voltage Electric Heat	T410A1013 T410A1021 T410B1004	NP	Dial	1 Heat				•	22A @ 120/208/240 VAC Max, 19A @ 277 VAC Max		T410B has positive off					27280-4A Range Stop and Loading Cover	N/A		3 Year	T410A - 2-wire SPST; T410B - 4-wire DPST	Mounting hardware
Line Volt 5-2 Programmable	TH105PLUS	5-2	Buttons	1 Heat				•	3500 watts @240 VAC Max; 1700 watts @120 VAC Max	•						•	N/A	•	3 Year	2-wire SPST	Mounting hardware