

Programmable Thermostat Selection Guide



	Model	Schedule Options				User Interface	Application					Power Method					Features and Functions																		Display Information		Service Reminders	Limited Warranty	Wiring Terminals	Upgrade Cross-Reference								
		Program Options	Temporary Override	Permanent Hold	Vacation Hold		Stages	Gas, Oil or Electric	Heat Pump	Millivolt	Linevolt		On Screen Help	Interview-Based Programming	Customizable Service Reminders	USB Port for Uploading Logo and Preset Installer Setup	Real-Time Clock (Automatically Updates Daylight Savings)	Time-of-Use Program Scheduling	Permanent Memory Retention	Selectable Auto or Manual Changeover	Adaptive Intelligent Recovery™	Temperature Setpoint Limits	Keypad Lockout	Programmable & Circulation Fan	Humidification Control	Dehumidification Control	Ventilation Control	Dual-Fuel Heat Pump Operation	Remote Locator	Advanced Dual-Fuel Heat-Pump Operation	Language Options	Wireless Outdoor Sensor	Wired Outdoor Sensor	Indoor Sensor	High Definition (HD) Display	Standard Definition (SD) Display	Dealer Logo On Screen	Display Size (Viewable)	On-Demand Backlighting	Continuous Backlighting	Simultaneous Display of Room and Set Temperatures	Filter, Humidifier Pad, UV Lamp Replacement Reminders			Honeywell	White-Rodgers	Robertshaw®	Other
 Prestige® IQA Total Home Comfort System*	YTHX9421R5028	7-Day	Fixed and Adjustable	•	•	Touchscreen	Up to 4 Heat/ 2 Cool – Heat Pump Up to 3 Heat/2 Cool – Conventional	•	•	•		Hardwire 2-Wire	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	8 sq. in.	•	•	•	•	5 Year	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						
 Prestige® HD*	THX9321R5000	7-Day	Fixed and Adjustable	•	•	Touchscreen	Up to 3 Heat/ 2 Cool – Heat Pump Up to 2 Heat/2 Cool – Conventional	•	•			Hardwire	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	8 sq. in.	•	•	•	•	5 Year	C, R, Rc, W-O/B, W2-Aux/E, Y, Y2, G, L, K, U1, U1, U2, U2						
 Prestige® SD*	THX9321R1008	7-Day	Fixed and Adjustable	•	•	Touchscreen	Up to 3 Heat/ 2 Cool – Heat Pump Up to 2 Heat/2 Cool – Conventional	•	•			Hardwire	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	8 sq. in.	•	•	•	•	5 Year	C, R, Rc, W-O/B, W2-Aux/E, Y, Y2, G, L, K, U1, U1, U2, U2						
 VisionPRO® IQA Total Home Comfort System	YTH9421C1010	7-Day	Fixed and Adjustable	•	•	Touchscreen	Up to 4 Heat/ 2 Cool – Heat Pump Up to 3 Heat/2 Cool – Conventional	•	•			Communicating					•		•	•	•	•	•	•	•	•	•	•	•	•					10 sq. in.	•	•	•	•	5 Year	1, 2, 3, C, R, Rc, Rh, W1-0/B, W2-AUX, W3-AUX2, Y, Y2, G, L, HUM 1, HUM 2, DHM 1, DHM 2, WNT 1, WNT 2, OUT 1, OUT 2, IN 1, IN 2, DATS 1, DATS 2	PC8900	1F95-1291, 1F95-391, 1F97-391	980112, 982512, 98511, 98651, 98701	Aprilaire® 8570			
 VisionPRO® 8000 Touchscreen Programmable	TH8110U1003	7-Day	Fixed and Adjustable	•	•	Touchscreen	1 Heat/1 Cool	•	•	•		Dual Powered (Battery and Hardwire)					•		•	•	•	•	•	•									•	•	•	•	•	5 Year	R, Rc, W-O/B, Y, G, C, S1, S2	T8600, T8601, T8602	1F90-371, 1F96-344, 1F97-371, 1F97-1271, 1F97-1277	97001, 970112						
	TH8320U1008	7-Day	Fixed and Adjustable	•	•	Touchscreen	Up to 3 Heat/ 2 Cool – Heat Pump Up to 2 Heat/2 Cool – Conventional	•	•	•		Dual Powered (Battery and Hardwire)					•		•	•	•	•	•	•					•					•	•	•	•	•	5 Year	R, Rc, W-O/B, W2-AUX, Y, Y2, L, E, G, C, S1, S2	T8600, T8601, T8602, T8611, T8624	1F90, 1F92, 1F93, 1F94, 1F95, 1F96, 1F97, 1F95-1271, 1F95-1277	97001, 970112, 972512					
	TH8321U1006 with dehumidification	7-Day	Fixed and Adjustable	•	•	Touchscreen	Up to 3 Heat/ 2 Cool – Heat Pump Up to 2 Heat/2 Cool – Conventional	•	•	•		Dual Powered (Battery and Hardwire)					•		•	•	•	•	•	•	•	•				•				•	•	•	•	•	5 Year	R, Rc, W-O/B, W2-AUX, Y, Y2, L, E, G, C, S1, S2			97001, 970112, 972512					
	TH8321U1097 with dehumidification, humidification or ventilation	7-Day	Fixed and Adjustable	•	•	Touchscreen	Up to 3 Heat/ 2 Cool – Heat Pump Up to 2 Heat/2 Cool – Conventional	•	•	•		Dual Powered (Battery and Hardwire)					•		•	•	•	•	•	•	•***	•***	•***	•	•	•					•	•	•	•	•	5 Year	R, W-O/B, W2-AUX/E, Y, Y2, L, G, C, U1, U1, S1, S2		1F95-1291, 1F95-391, 1F97-391	980112, 982512, 98511, 98651, 98701				
 Wireless FocusPRO® 6000 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	•	•			Battery							•	•	•	•						•**	•*		•				5.09 sq. in.	•		•		5 Year	C, R, Rc, Rh, W-O/B, W2-Aux/E, Y, Y2, G, L, RAS							
 FocusPRO® 6000 Programmable	TH6110D1005	5-1-1/5-2	•	•		Soft Keys	1 Heat/1 Cool	•	•	•		Dual Powered (Battery and Hardwire)						•	•	•	•													3.75 sq. in.	•		•		5 Year	R, Rc, W-O/B, Y, G, C	T8000, T8001, T8002, T8112	1F80 series, 1F80-0471	RS5110, RS6110					
	TH6110D1021	5-1-1/5-2	•	•		Soft Keys	1 Heat/1 Cool	•	•	•		Dual Powered (Battery and Hardwire)						•	•	•	•													5.09 sq. in.	•		•		5 Year	R, Rc, W-O/B, Y, G, C	T8000, T8001, T8002, T8112	1F80 series, 1F85-0471	RS5110, RS6110					
	TH6220D1002	5-1-1/5-2	•	•		Soft Keys	Up to 2 Heat/ 1 Cool – Heat Pump Up to 2 Heat/2 Cool – Conventional	•	•	•		Dual Powered (Battery and Hardwire)						•	•	•	•													3.75 sq. in.	•		•		5 Year	R, Rc, W-O/B, W2-AUX, Y, Y2-E, L, G, C	T8112, T8000, T8001, T8002, T8011, T8024	1F80, 1F81, 1F82, 1F85, 1F85-0471	RS5220, RS6220					
	TH6220D1028	5-1-1/5-2	•	•		Soft Keys	Up to 2 Heat/ 1 Cool – Heat Pump Up to 2 Heat/2 Cool – Conventional	•	•	•		Dual Powered (Battery and Hardwire)						•	•	•	•													5.09 sq. in.	•		•		5 Year	R, Rc, W-O/B, W2-AUX, Y, Y2-E, L, G, C	T8112, T8000, T8001, T8002, T8011, T8024	1F80, 1F81, 1F82, 1F85, 1F85-0471	RS5220, RS6220					
	TH6320U1000	5-1-1/5-2	•	•		Soft Keys	Up to 3 Heat/ 2 Cool – Heat Pump Up to 2 Heat/2 Cool – Conventional	•	•	•		Dual Powered (Battery and Hardwire)							•	•	•	•													5.09 sq. in.	•		•		5 Year	R, Rc, W-O/B, W2-AUX/E, Y, Y2, G, L, C	T8112, T8000, T8001, T8002, T8011, T8024	1F85-0471	RS5220, RS6220				
 PRO 4000 Programmable	TH4110D1007	5-2	•	•		Slide Switches	1 Heat/1 Cool	•	•	•		Dual Powered (Battery and Hardwire)							•	Manual	•													1.73 sq. in.	•		•		5 Year	R, Rc, C, W, O, B, Y, G	T8112	1F78-151, 1F78H-151	RS3110, 8600 series, 9600 series	Breabum 5000; LUX PSP711, PSP600				
	TH4210D1005	5-2	•	•		Slide Switches	2 Heat/1 Cool – Heat Pump		•			Dual Powered (Battery and Hardwire)							•	Manual	•													1.73 sq. in.	•		•		5 Year	R, C, Y, Aux, O, B, E, G, L	T8011R	1F72-151	RS3110, 8600 series, 9600 series	Breabum 5200; LUX PSPH521				
 PRO 2000 Programmable	TH2110D1009	5-2	•	•		Slide Switches	1 Heat/1 Cool	•	•	•		Dual Powered (Battery and Hardwire)							•	Manual	•													1.73 sq. in.	•				2 Year	R, C, W, O/B, Y, G		1F78-151	8600 series, 9600 series	Breabum 2000, 2010; LUX PSP711, PSP600				
	TH2210D1007	5-2	•	•		Slide Switches	2 Heat/1 Cool – Heat Pump		•			Dual Powered (Battery and Hardwire)							•	Manual	•													1.73 sq. in.	•				2 Year	R, C, AUX/E, O/B, Y, G		1F72-151, 1E78-151	8600 series, 9600 series	Breabum 2100, 2200; LUX PSPH521				
 TL8230	TL8230A1003	7-Day	•	•	•	Soft Keys	1 Heat				•	208/240V						•		•														2.67 sq. in.	•				5 Year	4-wire DPST								
 TL8100A1008	TL8100A1008	7-Day	•	•	•	Soft Keys	1 Heat				•	Battery																							2.67 sq. in.					5 Year	R, W SPDT							

*With C7089R1013 Wireless Outdoor Sensor **REM5000R1001 required ***Controls dehumidification, humidification or ventilation

Non-Programmable Thermostat Selection Guide



	Model	Schedule Option	User Interface	Application				Power Method	Features and Functions							Display Information			Limited Warranty	Wiring Terminals	Replacements				
		Program Options		Stages	Gas, Oil or Electric	Heat Pump	Millivolt	Linevolt		Permanent Memory Retention	Selectable Auto or Manual Changeover	Advanced Dual Fuel Heat Pump operation	Comfort/Economy Mode	Temperature Setpoint Limits	Low Temperature Range	Remote Locator	Display Size (Viewable)	On-Demand Backlighting	Simultaneous Display of Room and Set Temperatures			Honeywell	White-Rodgers	Robertshaw®	Other
 Wireless FocusPRO® 5000 Non-Programmable	YTH5320R1000	Non-Prog	Soft Keys	Up to 3 Heat/2 Cool – Heat Pump Up to 2 Heat/2 Cool – Conventional	•	•			Battery	•	•	•*	•	•		•	5.09 sq. in.	•	•	5 Year	C, R, Rc, Rh, W-O/B, W2-AUX/E, Y, Y2, G, L, RAS				
 FocusPRO® 5000 Digital Non-Programmable	TH5110D1006	Non-Prog	Soft Keys	1 Heat/1 Cool	•	•	•		Dual Powered (Battery and Hardwire)	•	•			•			1.95 sq. in.	•	•	5 Year	R, Rc, W-O/B, Y, G, C	T8501, T8400, T8401	1F86	8400, 8401, 9400, 9401, 9550	
	TH5110D1022	Non-Prog	Soft Keys	1 Heat/1 Cool	•	•	•		Dual Powered (Battery and Hardwire)	•	•			•			2.98 sq. in.	•	•	5 Year	R, Rc, W-O/B, Y, G, C	T8501, T8400, T8401	1F86	8400, 8401, 9400, 9401, 9550	
	TH5220D1003	Non-Prog	Soft Keys	Up to 2 Heat/1 Cool – Heat Pump Up to 2 Heat/2 Cool – Conventional	•	•	•		Dual Powered (Battery and Hardwire)	•	•		•	•			3.75 sq. in.	•	•	5 Year	R, Rc, W-O/B, AUX-W2, Y, Y2-E, L, G, C	T8501, T8511, T8524, T8400, T8401, T8411, T8424	1F73, 1F83, 1F86, 1F89	8400, 8401, 8425, 9400, 9401, 9415, 9420, 9550, 9555, 9560	
	TH5220D1029	Non-Prog	Soft Keys	Up to 2 Heat/1 Cool – Heat Pump Up to 2 Heat/2 Cool – Conventional	•	•	•		Dual Powered (Battery and Hardwire)	•	•		•	•			5.09 sq. in.	•	•	5 Year	R, Rc, W-O/B, AUX-W2, Y, Y2-E, L, G, C	T8501, T8511, T8524, T8400, T8401, T8411, T8424	1F73, 1F83, 1F86, 1F89	8400, 8401, 8425, 9400, 9401, 9415, 9420, 9550, 9555, 9560	
	TH5320U1001	Non-Prog	Soft Keys	Up to 3 Heat/2 Cool – Heat Pump Up to 2 Heat/2 Cool – Conventional	•	•	•		Dual Powered (Battery and Hardwire)	•	•		•	•			5.09 sq. in.	•	•	5 Year	R, Rc, W-O/B, W2-AUX/E, Y, Y2, G, L, C	T8501, T8511, T8524, T8400, T8401, T8411, T8424			
 PRO 3000 Non-Programmable	TH3110D1008	Non-Prog	Slide Switches	1 Heat/1 Cool	•	•	•		Dual Powered (Battery and Hardwire)	•	Manual						1.32 sq. in.	•	•	5 Year	R, Rc, C, W, O, B, Y, G	T8400, T8401	1F78-144	8400, 9500	Breabum 3000; LUX PDS100, PDS111, PDS150
	TH3210D1004	Non-Prog	Slide Switches	2Heat/1 Cool Heat Pump		•			Dual Powered (Battery and Hardwire)	•	Manual						1.32 sq. in.	•	•	5 Year	R, C, Y, Aux, O, B, E, G, L	T8411R	1F79-111	8425, 9420	Breabum 3200; LUX PSDH105, PSDH121
 PRO 1000 Non-Programmable	TH1110D1000	Non-Prog	Slide Switches	1 Heat/1 Cool	•	•	•		Dual Powered (Battery and Hardwire)	•	Manual						1.0 sq. in.	•		2 Year	R, C, W, O/B, Y, G	T8400, T8401	1F78-144	8400, 9500	Breabum 1000, 1005, 1010; LUX PDS100, PSD111, PSD150
	TH1100D1001	Non-Prog	Slide Switches	1 Heat	•		•		Dual Powered (Battery and Hardwire)	•	Manual			•	•		1.0 sq. in.	•		2 Year	R, C, W, O/B, Y, G	T8411R	1F79-111	8425, 9420	Breabum 1100, 1200; LUX PSDH105, PSDH121
	TH1210D1008	Non-Prog	Slide Switches	2Heat/1 Cool Heat Pump		•			Dual Powered (Battery and Hardwire)	•	Manual						1.0 sq. in.	•		2 Year	R, C, AUX/E, O/B, Y, G	T8411R	1F79-111	8425, 9420	Breabum 1100, 1200; LUX PSDH105, PSDH121
 The Digital Round™	T8775A1009	Non-Prog	Dial	1 Heat	•*				Power Stealing	•							.75 sq. in.	•		5 Year	R, W	T87F			
	T8775C1005	Non-Prog	Dial	1 Heat/1 Cool	•	•			Power Stealing	•	Manual						.75 sq. in.	•		5 Year	R, Rc, W, O, B, Y, G	T87F			
 The Round™	T87K1007	Non-Prog	Dial	1 Heat	•*				Battery Assisted Power Stealing					50010944-001			N/A		•	5 Year	R, W	T87F			
	T87N1000	Non-Prog	Dial	1 Heat/1 Cool	•	•			Battery Assisted Power Stealing		Manual			50010944-001			N/A		•	5 Year	R, Rc, W, Y, G, O, B	T87F and Q539			
	T87N1026	Non-Prog	Easy-To-See™	1 Heat/1 Cool	•	•			Battery Assisted Power Stealing		Manual			50010944-001			N/A		•	5 Year	R, Rc, W, Y, G, O, B	T87F3467 and T87F5199			
 Mechanical	T834N1002	Non-Prog	Slide Switches and Lever	1 Heat/1 Cool	•	•			Mechanical		Manual			50019661-001			N/A			5 Year	R, Rc, W, Y, G, O, B	T834C	1E56, 1P56	9200, 400	
	T8034N1007	Non-Prog	Slide Switches and Lever	1 Heat/1 Cool	•	•			Mechanical		Manual			50019661-001			N/A			5 Year	R, Rc, W, Y, G, O, B	T8034C	1D56, 1F56	9200, 400	
 Mechanical	T822K1000	Non-Prog	Slide Switches and Lever	1 Heat	•*				Mechanical		Positive Off			50019661-001			N/A			5 Year	R, W	T822D	1E30	9204, 200	
	T822K1018	Non-Prog	Slide Switches and Lever	1 Heat	•*				Mechanical		•			50019661-001			N/A			5 Year	R, W	T822D	1E30	9204, 200	
	T822K1042	Non-Prog	Slide Switches and Lever	1 Heat	•*				Mechanical					50019661-001	•		N/A			5 Year	R, W	T822D	1E30	9204, 200	
	T827K1009	Non-Prog	Slide Switches and Lever	1 Heat			•*		Mechanical		Positive Off			50019661-001			N/A			5 Year	R, W	T827	1E30	9204, 400-404	
 TL7235A1003	TL7235A1003	Non-Prog	Horizontal Lays	1 Heat				•	208/240 V								2.67 sq. in.	•		5 Year	4 wire DPST				
 TL7230A1004	TL7230A1004	Non-Prog	Dial	1 Heat				•	208/240 V								N/A			5 Year	DPST				
 T410	T410	Non-Prog	Dial	1 Heat				•	120/208/240/277 V								N/A				SPST or DPST				
 T4398	T4398	Non-Prog	Dial	1 Heat				•	120/208/240/277 V								N/A				SPST or DPST				

