

70 Series thermostats for contractors

*Easy to install.
Easy to read. Easy to use.*

The 70 Series thermostat combines ease of use and modern design, reducing complexity and callback needs. It's easy to install with a backplate compatible with the 80 Series and Sensi smart thermostats, offering great value from a trusted brand for both contractors and customers.



Easy installation

Easy to install & set-up with a built-in level and plenty of room for wiring.



Large, backlit display

Modern design with large, easy-to-read screen with a bright backlit display.



Proven performance

Over 75 years of experience along with our $\pm 1^\circ$ temperature accuracy guarantee.



Free custom printing

Print your logo and/or custom text on the thermostat at no charge.



Training

Explore free, self-paced training on Education Central or contact your Territory Manager for on-site or wholesaler training sessions.



Support

Customer and technical support is available seven days a week at 888-725-9797. 5-year limited warranty for HVAC professionals.

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Specifications

Electrical rating Hardwire: 20 to 30 VAC NEC class II, 50/60 Hz	Rated differentials (@ 6°F/HR) Heat (electric): Cool (AC): Heat pump (heat and cool): Heat pump (aux):	Fast 0.5°F 0.9°F 0.9°F 0.5°F	Med 0.75°F 1.2°F 1.2°F 0.75°F	Slow 1.9°F 1.7°F 1.7°F 1.9°F	Operating ambient 32°F to +105°F (0°C to +41°C)
Setpoint range 45° F to 99° F (7°C to 37°C)	Terminal load Staging models:	1.5 A per terminal 2.5 A per maximum all terminals combined	Operating humidity 90% non-condensing max		
Accessories Wallplate: F61-2663 (6-3/4" x 4-1/2") Thermostat guard: F29-0198					Shipping temperature -20°F to +150°F (-29°C to +65°C)
Display temperature range 32°F to +99°F (0°C to 37°C)					Thermostat dimensions 3-3/4"H x 6"W x 1-1/8"D

Terminal designations

Conventional: 1F75C-11NP / 1F75C-11PR	RC	RH	Y	W	O/B	G	C
Heat pump: 1F75H-21NP / 1F75H-21PR	R	Y	G	E	W2	O/B	C

Model	Program options					Max stages heat/cool		Applications			Power source		Selectable performance features							Comfort & convenience features				
	7 Day	5+1+1 Day	5+2 Day	Programmable	Non-programmable	Conventional	Heat pump	Gas / oil / electric	3 Wire zone valve	Millivolt	Battery	Hardwired (24v)	Auto changeover	Programmable fan	EMR / early start program	Temperature limits	Humidity control (H) humid (D) dehumid	Dual fuel control	Remote sensor	Filter change reminder	Auto DST adjust	Keypad lockout	Cont. backlight w/common	Permanent memory
1F75C-11NP					✓	1/1	1/1	✓		✓	✓	✓				✓							✓	✓
1F75C-11PR	✓	✓		✓		1/1	1/1	✓		✓	✓	✓			✓	✓				✓			✓	✓
1F75H-21NP					✓		2/1	✓			✓	✓				✓		✓					✓	✓
1F75H-21PR	✓	✓		✓			2/1	✓			✓	✓			✓	✓		✓		✓			✓	✓

The White-Rodgers mobile app:

Get the latest cross references, installation resources, spec sheets, and more on your phone or tablet. Download today.

