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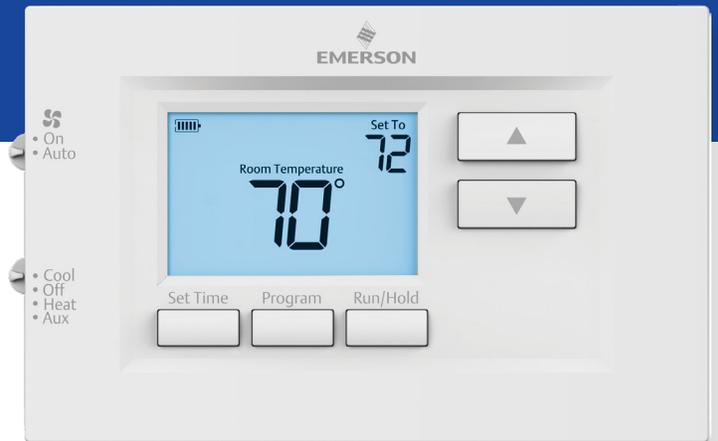
EASY INSTALLATION
Easy to install & set-up with a built-in level and plenty of room for wiring.

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 ± 1° 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.

WHITE·RODGERS
by COPELAND

70 Series™ Thermostats

Specifications

ELECTRICAL RATING
Hardwire: 20 to 30 VAC
NEC Class II, 50/60 Hz

SETPOINT RANGE
45° F to 99° F (7°C to 37°C)

ACCESSORIES
Wallplate: F61-2663 (6-3/4" x 4-1/2")
Thermostat Guard: F29-0198

DISPLAY TEMPERATURE RANGE
32˚F to +99˚F (0˚C to 37˚C)

RATED DIFFERENTIALS (@ 6˚F / HR)	Fast	Med	Slow
Heat (Electric):	0.5˚F	0.75˚F	1.9˚F
Cool (AC):	0.9˚F	1.2˚F	1.7˚F
Heat Pump (Heat and Cool):	0.9˚F	1.2˚F	1.7˚F
Heat Pump (Aux):	0.5˚F	0.75˚F	1.9˚F

TERMINAL LOAD
Staging Models: 1.5 A per terminal
2.5 A per maximum all terminals combined

OPERATING AMBIENT
32˚F to +105˚F
(0˚C to +41˚C)

OPERATING HUMIDITY
90% non-condensing max

SHIPPING TEMPERATURE
-20˚F to +150˚F
(-29˚C to +65˚C)

THERMOSTAT DIMENSIONS
3-3/4"H x 6"W x1-1/8"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.

Download on the App Store

GET IT ON Google Play

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