

Universal Multi-Stage/ Heat Pump

Digital
Non-Programmable
Hardwired

Comfort-Set®

70 Series™
E C O N O M Y



Changing the World of Multi-Stage/Heat Pump Thermostats for the Better.

With a 70 Series Universal Multi-Stage or Heat Pump selectable thermostat, your customers can economically upgrade to multi-stage digital accuracy with the comfort of automatic changeover. It is easy to install and is compatible with most multi-stage or heat pump systems. The 70 Series is perfect for customers who want an economical and easy digital upgrade for their multi-stage or heat pump system. Plus, the universal multi-stage or heat pump Comfort-Set 70 Series versatility means less inventory for you.

Programming/Set-up

Choice of Multi-Stage or Heat Pump operation

Display

Large, easy-to-read thermostat display

Comfort & Convenience

Automatic changeover

Electronic temperature accuracy

Adjustable room temperature calibration

Performance (Multi-Stage Mode)

For 2-stage heat, 2-stage cool systems

Gas or electric systems

Performance (Heat Pump Mode)

For 2-stage heat, 1-stage cool systems

B or O terminal (selectable)

Physical Features

50% lower profile than popular
competitive mechanical models

1F73-174

Multi-Stage/Heat Pump
Non-Programmable
Pro-Spec #70dØw



WHITE-RODGERS

Universal Multi-Stage/Heat Pump

Digital
Non-Programmable
Hardwired

Comfort-Set®

70 Series™

E C O N O M Y

Programming/Set-up

Choice of Multi-Stage or Heat Pump operation

Display

Large LCD with improved contrast for easier reading

Comfort & Convenience

Automatic changeover

Soft-touch keypad

Maintains room temperature differential within 1 degree

Display temperature recalibration (+/- 3°)

Performance

Multi-Stage (2-stage heat, 2-stage cool)

Heat Pump (2-stage heat, 1-stage cool)

Fast (FA) or slow (SL) heating cycle anticipation

B or O terminal (*selectable*)

Compressor lockout protection (*optional*)

Terminal Designations



Replaces most mechanical 2-stage heat/2-stage cool or 2-stage heat/1-stage cool heat pump thermostats

Mechanical Thermostat Upgrade Cross-Reference

Brand	Model	Subbase
General Electric	3AAT8XXX	
Honeywell	T874A,B,C,D,N,R Y594G,H,R T841A	Q674A,B,C,E,I,L*
White-Rodgers	1C70* 1C72* 1C73* 1C74* 1F58	

*1F73-174 is hardwired and requires 24V "hot" and "common"

Dimensions

5.1"W x 3.7"H x 1.1"D

Electrical Specifications

Rating

20 to 30 VAC, 50/60 Hz or DC

0.05 to 1.0 Amp (load per terminal)

1.5 Amps maximum load (all terminals combined)

Standard Systems

Multi-Stage

(2-stage heat, 2-stage cool)

Heat Pump

(2-stage heat, 1-stage cool)

Thermal Specifications

Setpoint Temperature Range: 45° to 90°F (7° to 32°C)

Rated Differential: 0.6° to 1.6°F with adjustable anticipation

Operating Ambient Temperature: 32° to 105°F (0° to 40°C)

Operating Humidity Range: 90% non-condensing max

Shipping Temperature Range: -4° to 150°F (-20° to 65°C)

Accessories

Wall Plate F61-2510 (6.5"W x 4.5"H)

Thermostat Guard F29-0231

(For additional guard options refer to White-Rodgers catalog.)

For Additional Information

Visit www.white-rodgers.com

Pro-Spec Legend

Series	System	Programs	Power Source
90 - Premium	s - Single Stage	7 - 7 day	p - Power stealing w/battery back-up
80 - Standard	m - Multi-Stage	3 - 5/1/1 day	wb - Hardwired/battery
	h - Heat Pump	2 - 5/2 day	b - Battery
70 - Economy	d - Dual (heat pump/multi-stage)	Ø - Non-programmable	w - Hardwired



WHITE-RODGERS

Controlling Indoor Comfort Worldwide
Since 1937

St. Louis, Missouri Markham, Ontario
314-577-1300 905-201-4701
www.white-rodgers.com



EMERSON™

Climate Technologies

The Emerson logo is a trademark and a service mark of Emerson Electric Co.