White-Rodgers
70 Series®

Heat Pump

Heat Pump Thermostats

Lighted Display

- 5/2 Day Programmable or Non-Programmable
- Hardwired

±1° ACCURACY OPTIMUM COMFORT AND PERFORMANCE

1F72-151

Heat Pump
5/2 Day Programmable

1F79-111

Heat Pump
Non-Programmable

Non-Programmable

Changing the World of Heat Pump Thermostats for the Better.

With a 70 Series Heat Pump thermostat, your customers can economically upgrade to digital accuracy and energy savings. It is easy to install and is compatible with most heat pump systems. The 70 Series is perfect for customers who want an economical and easy digital upgrade for their heat pump system. Plus, White-Rodgers 70 Series versatility means less inventory for you.

Programming

Choice of 5/2 day programming (weekday/weekend) or non-programmable

4 time and 4 temperature settings per program for heating and cooling (1F72-151)

Energy savings up to 33% (1F72-151)

Display

Large, easy-to-read thermostat display

Lighted display for low-light viewing

Comfort & Convenience

Electronic temperature accuracy

Adjustable room temperature calibration

Performance

For 2-stage heat, 1-stage cool systems

B or O terminal

Meets California Building Code, Title 24 (1F72-151)

System power with optional battery back-up

White▾ Rodgers

EMERSON™ Climate Technologies

White-Rodgers
70 Series® Heat Pump Thermostats

• 5/2 Day Programmable or Non-Programmable   • Hardwired

1F72-151
Heat Pump
5/2 Day Programmable

1F79-111
Heat Pump
Non-Programmable

Programming

Choice of 5/2 day programmable or non-programmable

4 time and 4 temperature settings per program (heat & cool) (1F72-151)

Energy savings up to 33% (1F72-151)

Patented pre-programmed software simplifies time and temperature programming (1F72-151)

Display

Large LCD with improved contrast for easier reading

Lighted display for low-light viewing

Comfort & Convenience

Indefinite setpoint Hold (1F72-151)

Temporary temperature override until next program period (1F72-151)

Soft-touch keypad

Maintains room temperature differential within +/- 1°

Display temperature recalibration (+/- 3°)

Performance

Selectable Energy Management Recovery (1F72-151)

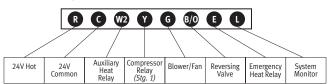Powerful next-generation microprocessor

Meets California Building Code, Title 24 (1F72-151)

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

B or O terminal (selectable)

Compressor lockout protection (optional)

Terminal Designations

R	C	W2	Y	G	B/O	E	L
24V Hot	24V Common	Auxiliary Heat Relay	Compressor Relay (Stg. 1)	Blower/Fan	Reversing Valve	Emergency Heat Relay	System Monitor

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
Heat Pump—2 stage heat, 1 stage cool

Single stage heat pump

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 maximum

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

Accessories

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

Thermostat Guard F29-0231
(For additional guard options refer to White-Rodgers catalog)

For Additional Information

Visit www.white-rodgers.com

Stages Heat/Cool by System			Programs	Model	Applications					Selectable Performance Features					Comfort & Convenience Features						
Single Stage	Multi-Stage	Heat Pump	Program Options	Model Number	Gas/Oil/Electric	3 Wire Zone Valve	Millivolt Compatible	Thermostat Power Source*	Auto Changeover	Program Override	Energy Management Recovery	Programmable Fan	Energy Star	Display Size (sq. in.)	Alkaline Battery Life (Years)	Lighted Display	Cool Savings	Furnace Lockout Ignition Module Reset	Memory Back-up P-Permanent B-Battery	Warranty (Years)
		2/1	5+2	1F72-151				H			✓		✓	1.2	1	✓			B	1
		2/1	Ø	1F79-111				H						1.2	1	✓			B	1

*   H = Hardwire (Requires Common)