

Universal 6" Display Thermostat

BLUE™ COMMERCIAL 4/2

Single Stage / Multi-Stage / Heat Pump

Programmable (7 Day, 5/1/1 Day) or Non-Programmable

Hardwired or Battery Powered

6-Square-Inch Display



1F95-0680

Universal
4 Heat / 2 Cool

Economizer / damper
control output

Lock feature secures thermostat
to subbase and reduces tampering

Dual fuel with outdoor
sensor (F145-1378)

Hardwired or battery powered with
optional power stealing assist

Available only through
professional contractors



Commercial Control. Customer Comfort.

Emerson® Blue™ Commercial Thermostat from White-Rodgers is designed specifically for commercial applications, delivering a new level of comfort and control to your customers.

Exclusive Blue™ Commercial Features

- Pre-occupancy purge and/or programmable fan
- Remote sensing indoor or outdoor and at the thermostat
- Prioritizing or averaging between indoor sensor and thermostat
- Keypad limited or total lockout
- Limited temperature range
- Large, 6-square-inch display with backlight
- Exclusive Cool Savings™ feature saves energy during peak A/C demand periods
- Automatic daylight savings option

White
Rodgers™


EMERSON
Climate Technologies

Universal 6" Display Thermostat

4 Heat / 2 Cool

Single Stage / Multi-Stage / Heat Pump

Programming

Universal – installer selectable system applications

Choice of 7 day, 5/1/1 day programmable or non-programmable (installer selectable)

4 time and 4 temperature settings per program (2 setbacks) heat and cool, or selectable – 2 time and 2 temperature settings (1 setback)

Energy savings up to 33%

Patented pre-programmed schedule simplifies time and temperature programming

Display

Large, 6-square-inch touchscreen display

Blue, lighted display for easier low-light viewing

Larger, easy-to-read character size

Large keys for easy operation

Performance

Universal Powered – choice of battery-powered with optional power stealing assist or hardwired with battery backup

Selectable Energy Management Recovery

Meets ENERGY STAR® specifications

Meets California Building Code, Title 24

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

Exclusive “Call for Service” diagnostic indicator

Compressor lockout protection

Millivolt compatible

Electric heat option

Comfort & Convenience

Intuitive menu-driven setup, programming and operation, with audio prompt to confirm entries

Permanent program retention during power loss

Indefinite setpoint Hold or temporary temperature override

Temporary temperature override will override program for two hours

Auto heat/cool changeover option – automatically switches between heating and cooling programs

Heating and cooling, heating only or cooling only configuration (installer selectable)

Setpoint temperature “limited range” capable

Enhanced locking security reduces tampering

Furnace filter change reminder

Maintains room temperature to within +/- 1°F

Room temperature display can be recalibrated up to +/- 4°F

Terminal Designations* Terminal Block Wire Connection



*See installation instructions or www.white-rodgers.com for terminal descriptions

Dimensions

4.2"H x 6.4"W x 1.7"D

Thermal Specifications

Setpoint Temperature Range:
45° to 99°F (7° to 37°C)

Rated Differential:
Heat 0.6°F; Cool 1.2°F

Operating Ambient Temperature:
32° to 105°F (0° to 41°C)

Operating Humidity Range:
90% non-condensing maximum

Shipping Temperature Range:
-40° to 150°F (-40° to 65°C)

Electrical Specifications

Rating

Battery Power: mV to 30 VAC, NEC Class II,
50/60 Hz or DC

Input Hardwire: 20 to 30 VAC

1.5 Amps (load per terminal)

2.5 Amps maximum load (all terminals combined)

Standard Systems

Single Stage gas, oil, electric

Single Stage heat pump

Millivolt Systems

Multi-Stage gas, oil, electric

Multi-Stage heat pump

Accessories

Indoor Remote Sensor▼
F145-1328

Outdoor Remote Sensor▼
F145-1378

Thermostat Guards
Clear – F29-0198
Metal – F29-0220 (solid base)

Wallplates
F61-2600 (8.1"W x 5.4"H)
F61-2634 (6.5"W x 5"H)

For Additional Information

Visit www.white-rodgers.com

Single Stage	Multi-Stage	Heat Pump	Programs	Applications			Power Source	Selectable Performance Features								Comfort and Convenience Features							
				Gas/Oil/Electric	3 Wire Zone	Millivolt		Auto Changeover	Programmable Fan	Energy Mgt. Recovery	Energy Star	Dual Fuel Option	Keypad Lockout	Indoor Remote Sensor▼	Outdoor Remote Sensor▼	Lighted Display***	Audible Feedback	Cool Savings™	Daylight Savings Adjustment	Ignition Module Reset	Permanent Memory		
1/1	2/2	4/2	7, 5+1+1, Ø	✓	✓	✓	B,H,PA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

B = Battery, H = Hardwired, PA = Power Stealing Assist *** Optional Continuous Display Light w/Hardwire Connection

▼ Only One (1) Remote Sensor May Be Used – Either Indoor or Outdoor; or Logic Program and Indoor Remote Sensor