



F145-1328
Indoor Remote Sensor



F145-1378
Outdoor Remote Sensor

WIRED REMOTE SENSORS FOR 24V THERMOSTATS
Indoor and Outdoor Sensors for Emerson Blue Digital Thermostats

FEATURES

- Digital signal output provides superior temperature control, even over long wire runs.
- No temperature variance caused by wire resistance.
- Perfect for securing the thermostat in one area or room while sensing temperature in the conditioned space.

SPECIFICATIONS

Operating Range (based on thermostat range)
 Indoor Models 40 to 99°F
 Outdoor Models -40 to 140°F
 Operating Humidity Range 0 to 90% RH (non-condensing)
 Maximum Distance from Thermostat 300'
 Recommended Wire 20 gauge, 3-conductor cable

TECHNICAL HELP See end of thermostats section for additional parts and accessories

Remote Sensor Wiring / Troubleshooting See page 167–170



INDOOR SENSOR

Model Number	Color	Dimensions	Application
F145-1328	Classic White	2 1/8" x 3 1/2" x 3/4"	Compatible with all Emerson Emerson / White-Rodgers Thermostats with Indoor Remote Sensor

OUTDOOR SENSOR

Model Number	Color	Dimensions	Application
F145-1378	Classic White	2 1/8" x 3 1/2" x 3/4"	Compatible with all Emerson Emerson / White-Rodgers Thermostats with Outdoor Remote Sensing. 12 ft. sensor lead

CONNECTION CROSS REFERENCE - THERMOSTATS & SENSORS

Old Terminal (Thermostat or Remote)	New Terminal (Thermostat or Remote)
S1	+
S2	S
S3	-

CONTRACTOR TIP: REMOTE SENSOR TROUBLESHOOTING, WIRING AND AVERAGING INFORMATION IS ON PAGES 167–170.

REMOTE TERMINAL DESIGNATIONS

Model Number	Terminal Designation Cross Reference		
F145-1328 , F145-1378	+	S	-
	Sensor Positive	Sensor Return Signal	Sensor Negative