**F145-1328
Indoor Remote Sensor**

**F145-1378
Outdoor Remote Sensor**

REMOTE SENSORS FOR THERMOSTATS
Indoor and Outdoor Sensors for Digital Thermostats

FEATURES

• Digital signal output provides superior temperature control, even over long wire runs.
• No temperature variance caused by wire resistance.
• Choice of styling, indoor models are interchangeable.
• 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 shielded cable

TECHNICAL HELP

Remote Sensor Wiring . . . . See page 182
Remote Sensor Troubleshooting . . . . See page 183
Remote Sensor Wiring (90 Series Staging Models) . . . . See page 184

INDOOR SENSORS

Model Number	Color	Dimensions	Application
F145-1328	Classic White	2$^1/_8$″ x 3$^1/_2$″ x $^3/_4$″	Compatible with all White-Rodgers CS90 Series Thermostats with Indoor Remote Sense

OUTDOOR SENSOR

Model Number	Color	Dimensions	Application ①
F145-1378	Classic White	2$^1/_8$″ x 3$^1/_2$″ x $^3/_4$″	Compatible with all White-Rodgers CS90 Series Staging or Heat Pump Thermostats with Outdoor Remote Sensing with 12 ft. sensor lead

① Outdoor Sensor provides outdoor temperature to thermostat display. Not used for averaging or cycle rate calculations, except on 1F95-391.

**All White-Rodgers Remote Sensors and Remote
Sensor Thermostats are Compatible.**

TECH ?

CONNECTION CROSS REFERENCE – THERMOSTATS & REMOTE SENSORS

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

OLD/NEW REMOTE TERMINAL DESIGNATIONS

Model Number	Terminal Designation Cross Reference		
F145-1049*, F145-1170*	S1	S2	S3
F145-1328, F145-1378	+	S	–
	Sensor Positive	Sensor Return Signal	Sensor Negative

* Previous Models