

REMOTE SENSORS



DIGITAL 90 SERIES THERMOSTATS



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.



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