

REMOTE SENSORS



COMFORT-SET® 90 THERMOSTATS



F145-1328



F145-1378

REMOTE SENSORS FOR THERMOSTATS

Indoor and Outdoor Sensors for Comfort-Set® 90 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

Model Number	Terminal Designations		
	Sensor Positive	Sensor Return Signal	Sensor Negative
F145-1049, F145-1170	S1	S2	S3
F145-1328, F145-1378	+	S	-

TECHNICAL HELP

Remote Sensor Troubleshooting (F145-1049, F145-1186) See page 218

Remote Sensor Wiring (F145-1328 Comfort-Set 90 Staging Models) See page 189

INDOOR SENSORS

Model Number	Color	Dimensions	Application
F145-1328	Light Grey	2 ¹ / ₈ " x 3 ¹ / ₂ " x 3 ³ / ₄ "	Thermostats accepting 1 Indoor Sensor: 1F90-371, 1F90(W)-71, 1F92(W)-71, 1F94(W)-71, 1F94-80(W), 1F95(W)-71, 1F95-80, 1F96-344, 1F97-371 and older 1F9X-101/102 models Thermostats ① accepting up to 3 Indoor Sensors: 1F93-380, 1F95-371, 1F95-377
F145-1170	Classic White	2 ³ / ₄ " x 4 ¹ / ₂ " x 1 ¹ / ₂ "	
F145-1049	Beige	2 ³ / ₄ " x 4 ¹ / ₂ " x 1 ¹ / ₂ "	

① 1F93-380, 1F95-371, 1F95-377 thermostats average or weight sensor priority in multiple remote applications

OUTDOOR SENSOR

Model Number	Color	Dimensions	Application ①
F145-1378	Light Grey	2 ¹ / ₈ " x 3 ¹ / ₂ " x 3 ³ / ₄ " with 12 ft. sensor lead	1F93-380, 1F95-371, 1F95-377

① Outdoor Sensor provides outdoor temperature to thermostat display. Not used for averaging or cycle rate calculations