

TWO-STAGE NEMA 4X THERMOSTAT RAINTIGHT RATING PART #: 0002-42-177

SUMMARY	TYPICAL WIRING DIAGRAMS
<p>Raintight two-stage thermostat for use in commercial, industrial and agricultural environments with heavy moisture atmospheres for use with two-stage heaters.</p>	<p>24 VAC THERMOSTATIC CONTROL: ONE 2-STAGE HEATER ON A THERMOSTAT</p>
<p>SPECIFICATIONS</p>	<div style="display: flex; justify-content: space-between;"> <div style="width: 30%; border: 1px solid black; padding: 5px;"> <p style="text-align: center;">TWO-STAGE THERMOSTAT</p> <p>FIRST STAGE HEAT 24 VAC OUTPUT: RED</p> <p>SECOND STAGE HEAT 24 VAC OUTPUT: PINK</p> <p>24 VAC INPUT: BLACK</p> <p>24 VAC INPUT: BROWN</p> <p>GROUND: GREEN</p> <p>SECOND STAGE COOLING 24 VAC OUTPUT: VIOLET</p> <p>FIRST STAGE COOLING 24 VAC OUTPUT: BLUE</p> <p style="text-align: center;">NEMA 4X</p> </div> <div style="width: 40%; text-align: center;"> <p>USE 18/4 SOLID CLASS 2 THERMOSTAT CABLE BETWEEN THERMOSTAT AND HEATER #1. MAXIMUM LENGTH OF 18 GA. THERMOSTAT CABLE IS 100 FT. (30M).</p> </div> <div style="width: 25%; border: 1px solid black; padding: 5px;"> <p style="text-align: center;">HEATER</p> <p>W1 LOW HEAT INPUT</p> <p>W2 HIGH HEAT INPUT</p> <p>R 24 VAC OUTPUT TO THERMOSTAT</p> <p>C NEUTRAL TO THERMOSTAT</p> </div> </div> <div style="margin-top: 20px;"> <p style="text-align: right;">LEGEND</p> <p>----- WIRING BY OTHERS</p> <p>□ WIRE NUT BY OTHERS</p> </div>
<p>Operation Two-stage heating & cooling Low voltage</p> <p>Adjustable Range 40°F to 100°F (4°C to 38°C)</p> <p>Differential 3°F (1.7°C) nominal between first stage and second stage.</p> <p>Maximum Ambient Temperature 140°F (60°C)</p> <p>Electrical Rating 120VAC inductive full load 16A, locked rotor 80A, resistive amps 25A, 125 VA pilot duty</p> <p>Dimensions 7.4"H x 3.5"W x 4.9"D</p> <p>Additional Features</p> <ul style="list-style-type: none"> Coiled temperature sensing bulb is 300 series stainless steel. Enclosure and cover are gray thermoplastic. Opening on one end, 1/2" conduit size, provides for raintight cord seal or conduit hub. UL and CSA certified. 	<p>24 VAC THERMOSTATIC CONTROL: TWO 2-STAGE HEATERS ON A THERMOSTAT</p>
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