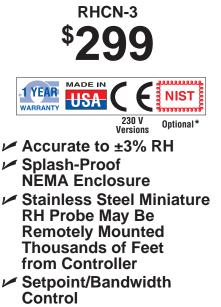
Relative Humidity Controller with Recorder Output



- 10 mV/% RH or 50 mV/% RH Recorder Output
- OEM Markets

OMEGAs RHCN-3 is an economical relative humidity controller. The probe uses a thin film polymer capacitive sensor which may be mounted thousands of feet from the controller box. The RHCN-3 has a standard 10 mV/% RH or 50mV/% RH (internally selectable) recorder output, and a 5 A SPDT relay for control. The controller is suitable in such applications as baking and food processing, HVAC, computer rooms, art galleries, greenhouses, and many others.

Specifications

Accuracy: ±3% RH from 3% to 95% RH at 25°C

Operating Temperature Range: -20 to 85°C (4 to 185°F) Control Output: SPDT relay form "C"; rated 5 A, 250 Vac, 30 Vdc Recorder Output: 10 mV/% RH or 50 mV/% RH, internally set Bandwidth Control: Non-interacting, 0 to ±20% RH Power: 8 Vdc to 30 Vdc, 125 milliamps max

Mechanical

Probe: Stainless steel, 19 mm dia. (0.75"), 119 mm long (4.7"), 1.5 m (5'), 2-wire cable, bracket for wall mounting **Controller:** Housed in standard "T" box 114 x 70 x 51 mm deep ($4\frac{1}{2} x 2\frac{3}{4} x 2$ ") screw terminal connections



AVAILABLE FOR FAST DELIVERY!

To Order (Specify Model Number)		
Model No.	Price	Description
RHCN-3	\$299	Relative humidity controller
RHCN-3-RP	195	Replacement probe
PSR-24S	60	Regulated power supply, 24 Vdc, 400 mA, screw terminal
PSR-24L	60	Regulated power supply, 24 Vdc, 400 mA, UL, 1.8 m (6') cord with stripped leads
PSR-24L-230	60	Regulated power supply, 24 Vdc, 400 mA, stripped leads, 230 Vac input, CE
PSU-93	40	Unregulated power supply, 16 to 23 Vdc, 300 mA max, screw terminal
RHCN-3-CABLE	125	2-wire cable 152 m (500') spool
CAL-3-HU*	125	NIST-traceable calibration

Comes complete with wall mounting bracket for probe, operator's manual. **Ordering Example: RHCN-3,** relative humidity controller with **PSU-93,** power supply, \$299 + 40 = **\$339.**

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