

Condensation Management System (CMS85)

ENERGY-SAVING CONDENSATION PREVENTION FOR SEALED ENCLOSURES

The Waukesha® condensation management system, CMS85, is an energy-saving alternative to traditional heaters commonly used for condensate prevention in sealed enclosures. Instead of using hundreds of watts of power to raise enclosure air temperatures above dew point, the CMS85 efficiently removes moisture from the enclosure air using only 85 watts of power. The corresponding reduction in relative humidity lowers the dew point temperature of the enclosure air to a point that condensation will not occur in typical indoor/outdoor environments.

ENERGY-SAVING SOLUTION

The CMS85 will outperform several hundred watts of conventional strip heating. Each CMS85 can save the user thousands in electricity costs over the lifetime of the product.

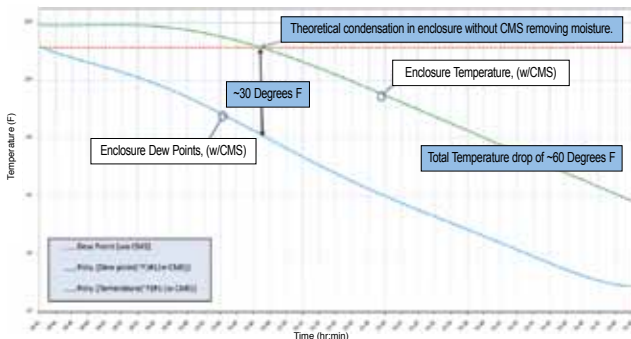


MAXIMUM EQUIPMENT PROTECTION

The best protection from condensation is to eliminate moisture from the air. The CMS85 quickly removes moisture and prevents condensation from occurring.

RAPID RESPONSE

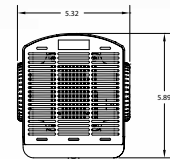
CMS85 removes moisture so quickly and efficiently condensation does not have the ability to form (see graph below).



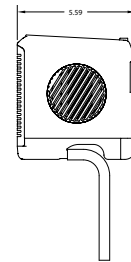
Temperature vs. Dew Point During Rapid Cooling of a Sealed Enclosure (124 Degrees F cooled to 63 Degrees F in 1 hour)



CMS85 Ships Complete with Thermoelectric Dehumidifier Unit, Mounting Din Rail, Moisture Drain Hose and Drain Assembly; AC and DC Versions are Available and Sold Separately (see part numbers at right).



PART NO. CMS85-DC
(shipped as pictured at left with the addition of mounting din rail)



PART NO. CMS85-AC
(shipped as pictured at left with the addition of a 115/230V AC power supply and mounting din rail)

OTHER BENEFITS

- Powerful** - In both constant and changing temperature conditions, CMS85 will continuously remove moisture from enclosure's air and automatically dispense collected moisture to the cabinet's exterior; a single unit can remove 8 oz. of moisture in 24 hours. EXAMPLE: Four cubic meter sealed enclosure should experience a 50% reduction of relative humidity in six hours.
- Easy to Install** - Standard din rail mounting for heater and power supply
- Flexible** - 24V DC, 120V AC or 240V AC operation in the same package

NOTE: The CMS85 is intended for use within a sealed enclosure of 2 cubic meters or less; existing enclosure vents or louvers should be blocked to prevent moisture ingress from external air. *Please contact us for other applications.*

Contact us for additional information or quotation on our extensive range of products and services:

CALL 800-338-5526

VISIT www.waukeshacomponents.com



9011 GOVERNORS ROW | DALLAS, TX 75247-3709