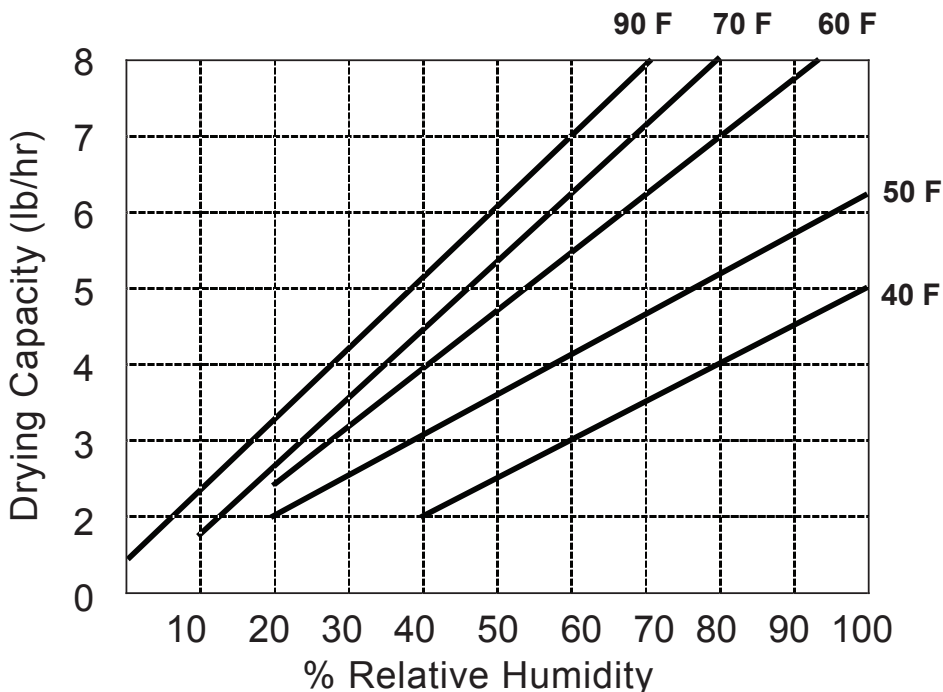


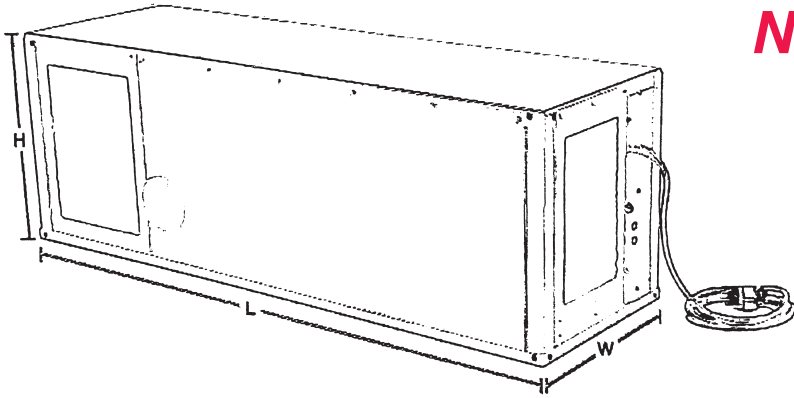
Performance



The Nauticus 250 has been developed for retail and light commercial applications where humidity control within a specific range is desired. A Nauticus 250 unit will maintain the relative humidity within a space between 45% and 55%, and will effectively achieve a target relative humidity of 50%, which is ARI standard. The Nauticus 250 series dehumidifier is a packaged, integrated, desiccant dehumidifier system, complete and ready for operation when set in place and connected to the appropriate ductwork, electrical power circuit and humidistat control.

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Nauticus 250 Desiccant

Height (H) - 15.25 inches

Length (L) - 43.00 inches

Width (W) - 14.00 inches

Weight - 130 lbs.

Housing

Housing outer skin is manufactured 20-gauge, bonderite or electro-galvanized (EG) sheet metal and fully insulated with ½-inch thick fiberglass insulating panels. Service of parts will be provided by removable access panels.

Blowers

Unit supply blower will supply 150 CFM and exhaust blower procedures 70 CFM of airflow.

Wheel

Manufactured of corrugated synthetic media with silica gel desiccant bounded uniformly and dispersed throughout the matrix of the media. Exterior of wheel consists of a 20-gauge, stainless steel rim. The wheel measures 9½-inches in diameter and chain/spoke driven.

Gear Motor

Heavy-duty motor is used to rotate the desiccant wheel. Motor achieves a wheel speed rotation of eight (8) revolutions per hour.

Electrical

The system is manufactured with standard electrical parts. All electrical components are internally pre-wired. Electrical connection consist of one (1), 220-volt, single phase, 60-hertz, 20 AMP connection.

Ducting

All outlets and intakes are factory completed. Supply duct is 6-inches in diameter and exhaust duct measures 4-inches in diameter.

Finish

All exposed surfaces are finished with a standard epoxy primer (chromate free) and two (2) coats of acrylic urethane enamel to a dry film thickness of 1.5 to 2 mils. Enamel is suited for industrial, commercial, and institutional applications that require durability and resistance to moisture, abrasion, and fumes.

Shipping

The desiccant system is shipped factory assembled and ready for installation. The system will be packaged for shipment as required to protect the housing and components from damage.

Warranty

The housing will be free from defects in workmanship and material for a period of thirty (30) days from the date of shipment. All parts carry the extended warranty of the manufacturer. The desiccant wheel is warranted against manufacturer defects for a period of one (1) year. Operational performance is warranted for a period of five (5) years.

Options

Electrical connection (2) 115V / 60 Hertz / 1 phase, 15 AMP connection humidistat.