CLIMAGUARD
OUTDOOR HEAT EXCHANGERS

KEEP THINGS RUNNING COOL EVEN IN THE HARSHEST OUTDOOR ENVIRONMENTS.

Hoffman’s new ClimaGuard Outdoor Heat Exchangers offer reliable closed-loop cooling while sealing out harsh environments including temperature extremes, dirt, dust, corrosive elements and wind-driven rain. This robust heat exchanger features a double-crimped and dip-sealed core, allowing efficient thermal transfer while ensuring maximum protection against leaks. With ClimaGuard Outdoor Heat Exchangers providing a tight seal against air and water infiltration, units can be simply surface- or recess-mounted to an enclosure with no loss of enclosure integrity.

EFFICIENTLY REMOVES UP TO 3,000 WATTS OF HEAT.

ClimaGuard Outdoor Heat Exchangers remove up to 3,000 watts of heat from within an enclosure, protecting your vital electronics from the detrimental effects of overheating which can affect performance and shorten operational life. Available in a range of cooling capacities, ClimaGuard Outdoor Heat Exchangers are UL Type 12/3R/4 rated and Telcordia GR-487 capable, and every unit is functionally tested.

ADVANTAGES AND FEATURES:

- Removes up to 3,000 watts of heat inside an enclosure
- Double-sealed core prevents infiltration of outside air, corrosive elements and wind-driven rain
- Multiple power compatibility with standard 48 VDC and 115 VAC power supplies; non-standard models available upon request
- Surface- and recess-mount capable
- UL Type 12/3R/4 rated and Telcordia GR-487 capable
- Up to 2000 watt heater option available
- Closed-loop system engineered for reliable operation in extreme environments
- Available in-stock—available locally

BUILT FOR VERSATILITY AND RELIABLE OPERATION.

Engineered with fewer moving parts, lab and field-tested ClimaGuard Outdoor Heat Exchangers are quality manufactured in ISO-9001 certified facilities and backed by worldwide cooling technician service available 24/7. The double-crimped and dip-sealed core ensures long service life and maximum protection in harsh outdoor environments. ClimaGuard Outdoor Heat Exchangers are compatible with 48 VDC and 115 VAC power supplies. A maximum 2,000-watt heater option is available on DC and AC volt heaters, and quiet running, variable-speed blowers come standard on DC-powered units.
CLIMAGUARD
OUTDOOR HEAT EXCHANGERS

SUPERIOR COOLING AND PROTECTION FOR ANY APPLICATION.

The ClimaGuard Outdoor Heat Exchanger provides rugged and reliable heat transfer for a broad range of telecommunications, outside plant (OSP) and industrial applications, including:

- Telecom shelters
- Instrument enclosures
- Food and beverage
- Wastewater treatment
- Outdoor cabinets
- Equipment buildings
- Petrochemical

TECHNICAL INFORMATION

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<th>Catalog Number</th>
<th>H x W x D in. (mm)</th>
<th>Power</th>
<th>Voltage</th>
<th>Hz</th>
<th>Phase</th>
<th>Full Load Amps</th>
<th>Cooling Capacity W/˚F (W/˚C)</th>
<th>Shipping Wt lb. (kg)</th>
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<td>TX231416100MC</td>
<td>23.00 x 12.00 x 7.10 (584 x 305 x 180)</td>
<td>AC</td>
<td>115</td>
<td>50/60</td>
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<td>DC</td>
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TECHNICAL INFORMATION:

- Standard models listed above. Non-standard models are available upon request.

CONSTRUCTION:

- Powder-coated galvanized sheet metal shroud (mild or stainless steel shrouds optional)
- Corrosion-resistant aluminum core
- Double-sealed core ends
- Stainless steel construction available upon request

INDUSTRY STANDARDS:

- UL TYPE 12/3R/4 rated and Telcordia GR-487 capable

POWER SUPPLY AND CONNECTION:

- DC – 48 Volt; Connection with loose cable
- AC – 115 Volt at 60 Hz; Cord with plug

OPERATING TEMPERATURE RANGE:

- -40 °C to +65 °C / -40 °F to 149 °F

ENCLOSURE AND AMBIENT BLOWERS:

- Variable speed on DC models

CONTROLLER/ THERMOSTAT:

- Mounted enclosure-side for tamper resistance
- DC models include thermostat, high-temp alarm, external alarm connection and quick-test function
- AC models include thermostat

PAINT COLORS AND TEXTURES:

- RAL 7035 smooth light-gray polyester powder coating

ENCLOSURE MOUNTING:

- Either full exterior surface or full recess mount in the same unit; both with gasket and hardware

ACCESSORIES:

- Ambient-side insect screen
- Heater for DC & AC models available (up to 2000 Watts of heat)

A RUGGED SOLUTION FROM THE AUTHORITY ON QUALITY ENCLOSURES

For 50 years, companies have relied on Hoffman to protect their electrical and electronic components from challenging environments—from dusty plant floors to wind-driven rain. When your business depends on protecting your equipment, depend on Hoffman.

AVAILABLE IN-STOCK. AVAILABLE LOCALLY.

Hoffman heat exchangers are available in a variety of sizes and styles, fast and in-stock from over 2400 local distributors.

FOR MORE INFORMATION AND TO CONTACT US, GO TO: WWW.PENTAIRPROTECT.COM

Langenalber Str. 96-100, D-75334 Straubenhardt

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