

CLIMAGUARD AIR-TO-AIR OUTDOOR



nVent Hoffman's 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.

FEATURES & BENEFITS

Unique counterflow aluminum core for high efficiency and high performance heat transfer

Engineered for temperature extremes, corrosive environments and wind driven rain

Operating temperature range from -40 F/-40 C to 149 F/65 C

Models for 24 VDC, 48 VDC, 115 VAC and 230 VAC power supplies

Variable speed blowers standard on DC powered units for quiet running

Filterless design for low maintenance and easy cleaning

Low-carbon mild-steel sheet-metal cover for rugged factory environments

Easy-mount flanges for simple installation

Surface or recessed mount capable

Every unit functionally tested before shipping

Mounting hardware, gaskets and user manual furnished with the unit

SPECIFICATIONS

Material Mild Steel

Finish Powder Coated

Color Light Gray

Color Code RAL 7035

Thickness 1.21 mm

Table 1/3

| Catalog Number | Height | Width | Depth | Capacity Watts Per °C | Capacity Watts Per °F | Nominal Voltage |
|----------------|-----------|-----------|-----------|-----------------------|-----------------------|-----------------|
| TX231448100 | 584.2 mm | 304.8 mm | 180.34 mm | 25 W | 14 W | 48 V |
| TX231416100 | 584.2 mm | 304.8 mm | 180.34 mm | 25 W | 14 W | 115 V |
| TX231426100 | 584.2 mm | 304.8 mm | 180.34 mm | 25 W | 14 W | 230 V |
| TX332816100 | 838.2 mm | 398.78 mm | 205.74 mm | 50 W | 28 W | 115 V |
| TX332824100 | 838.2 mm | 398.78 mm | 205.74 mm | | | |
| TX332848100 | 838.2 mm | 398.78 mm | 205.74 mm | 50 W | 28 W | 48 V |
| TX385616100 | 965.2 mm | 500.38 mm | 256.54 mm | 100 W | 56 W | 115 V |
| TX385626100 | 965.2 mm | 500.38 mm | 256.54 mm | 100 W | 56 W | 230 V |
| TX385624100 | 965.2 mm | 500.38 mm | 256.54 mm | 100 W | 56 W | 24 V |
| TX385648100 | 965.2 mm | 500.38 mm | 256.54 mm | | | |
| TX528316100 | 1320.8 mm | 500.38 mm | 256.54 mm | 150 W | 83 W | 115 V |
| TX528326100 | 1320.8 mm | 500.38 mm | 256.54 mm | 150 W | 83 W | 230 V |
| TX528324100 | 1320.8 mm | 500.38 mm | 256.54 mm | 150 W | 83 W | 24 V |
| TX528348100 | 1320.8 mm | 500.38 mm | 256.54 mm | 150 W | 83 W | 48 V |

Table 2/3

| Catalog Number | Voltage AC | Voltage DC | Max Current | Operating Temperature | Max Watts Per °F | Max Watts Per °C |
|----------------|------------|------------|-------------|-----------------------|------------------|------------------|
| TX231448100 | | 48 V | 1.8 A | -40 to 65 °C | 14 W | 25 W |
| TX231416100 | 100 V | | 0.6 A | -40 to 65 °C | 14 W | 25 W |
| TX231426100 | 200 V | | 0.1 A | -40 to 65 °C | 14 W | 25 W |
| TX332816100 | 100 V | | 1.4 A | -40 to 65 °C | 28 W | 50 W |
| TX332824100 | | | | | 28 W | 50 W |
| TX332848100 | | 48 V | 1.8 A | -40 to 65 °C | 28 W | 50 W |
| TX385616100 | 100 V | | 3.2 A | -40 to 65 °C | 56 W | 100 W |
| TX385626100 | 200 V | | 1.2 A | -40 to 65 °C | 56 W | 100 W |
| TX385624100 | | 24 V | 8.6 A | -40 to 65 °C | 56 W | 100 W |
| TX385648100 | | | | | 56 W | 100 W |
| TX528316100 | 100 V | | 6.7 A | -40 to 65 °C | 83 W | 150 W |

| Catalog Number | Voltage AC | Voltage DC | Max Current | Operating Temperature | Max Watts Per °F | Max Watts Per °C |
|----------------|------------|------------|-------------|-----------------------|------------------|------------------|
| TX528326100 | 200 V | | 3.4 A | -40 to 65 °C | 83 W | 150 W |
| TX528324100 | | 24 V | 21.1 A | -40 to 65 °C | 83 W | 150 W |
| TX528348100 | | 48 V | 7.8 A | -40 to 65 °C | 83 W | 150 W |

Table 3/3

| Catalog Number | Protection Rating |
|----------------|-------------------|
| TX231448100 | NEMA Type 4 |
| TX231416100 | NEMA Type 4 |
| TX231426100 | NEMA Type 4 |
| TX332816100 | NEMA Type 4 |
| TX332824100 | NEMA Type 4 |
| TX332848100 | NEMA Type 4 |
| TX385616100 | NEMA Type 4 |
| TX385626100 | NEMA Type 4 |
| TX385624100 | NEMA Type 4 |
| TX385648100 | NEMA Type 4 |
| TX528316100 | NEMA Type 4 |
| TX528326100 | NEMA Type 4 |
| TX528324100 | NEMA Type 4 |
| TX528348100 | NEMA Type 4 |

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