

SPECTRACOOL NARROW COMPACT INDOOR


N16 115/230 Volt
800 BTU/Hr.
234 Watt



N21 115/230 Volt
2000 BTU/Hr.
586 Watt

INDUSTRY STANDARDS

UL/cUL Listed; Type 12, 3R, 4, 4X optional; File No. SA6453
UR/cUR Recognized on select models for N16 and N21

CE
IP 54 Internal Loop
IP 34 External Loop
EAC
Telcordia GR-487 capable (Outdoor)
Reference performance data tables for agency approvals applied to each model.

APPLICATION

- Industrial automation
- Package handling equipment
- Security and defense systems

FEATURES

- Narrow design accommodates 12-in. deep cabinets
- R134a earth-friendly refrigerants
- Models for 115, 230 and 400/460 VAC power input
- UL Listed to save customers time and money with agency approvals
- Attractive industrial design with minimal use of visible fasteners
- Reliable mechanical thermostat is located behind the cover of the unit; Air Conditioner models include digital display on ambient side
- Galvanized sheet-metal cover for rugged factory and outdoor environments
- Easy-mount flanges for simple installation
- Cutout adapter options for enclosures with GENESIS air conditioners enable users to easily transition to the new unit
- Dust-resistant condenser coil allows the unit to be run filterless in most applications
- Cleanable, reusable aluminum mesh filter protects coils for maximum cooling performance
- Mounting hardware, gaskets and user manual furnished with the unit
- Every unit functionally tested before shipping
- Standard Indoor Air Conditioner models also include:
 - Active condensate management
 - Power-off relay for door switch and other system requirements
 - Malfunction switch

SPECIFICATIONS

- Nominal cooling capacity:
 - N16 800 BTU/Hr. (234 W)
 - N21 2000 BTU/Hr. (586 W)
- Operating temperature range from 50 F/10 C to 125 F/52 C

FINISH

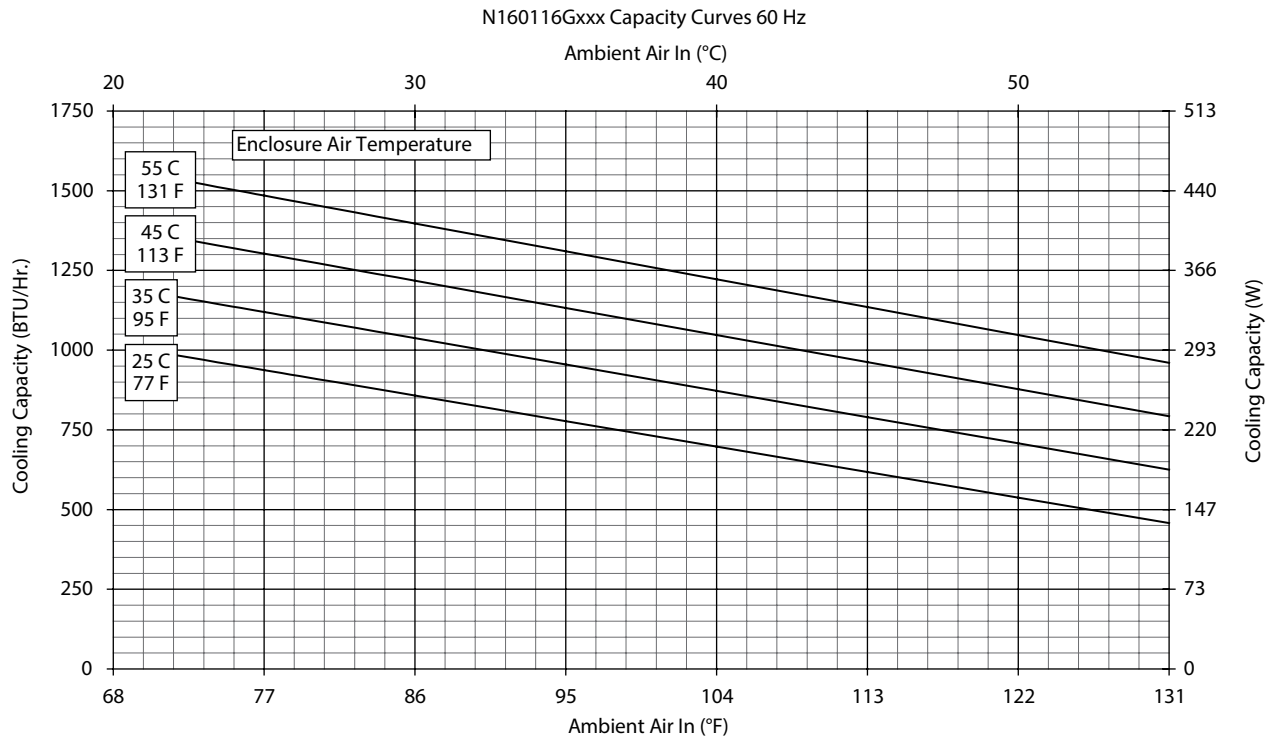
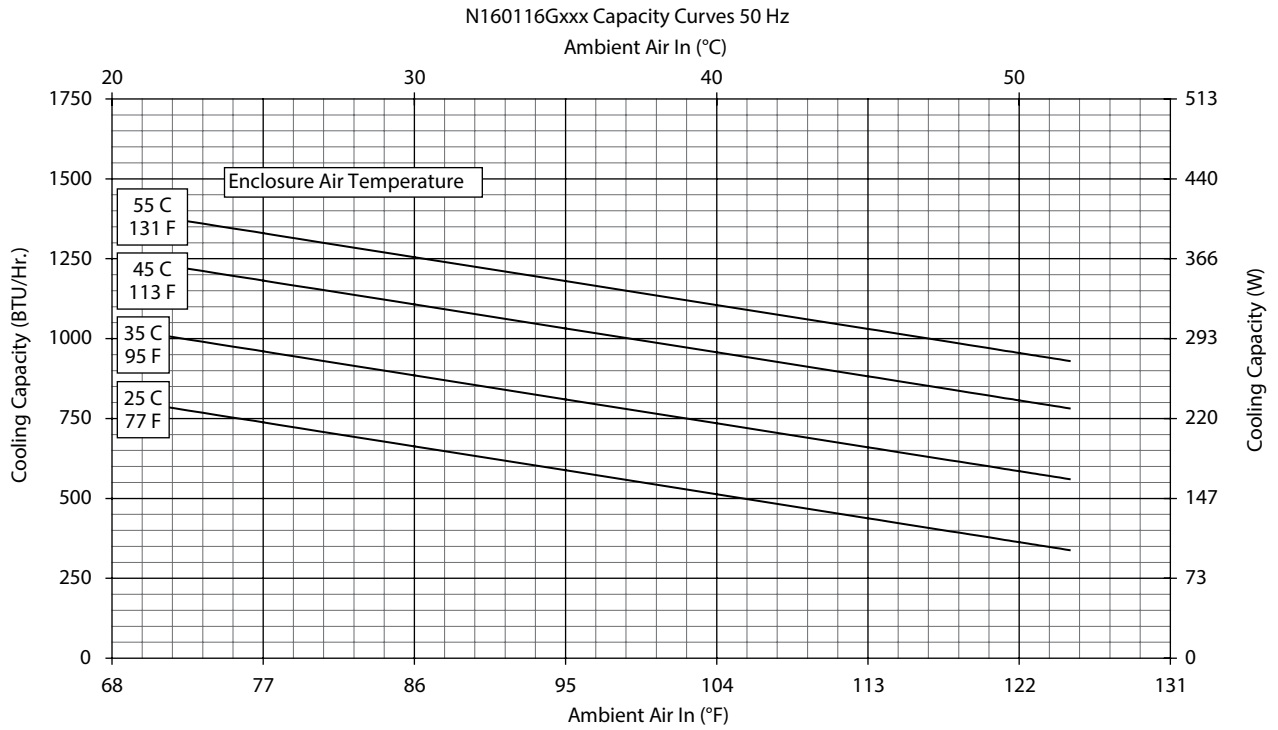
- RAL 7035 light-gray, semi-textured powder-coat paint
- Other colors and textures available

Performance Data **N16 800 BTU/Hr. (234 Watt) Models**

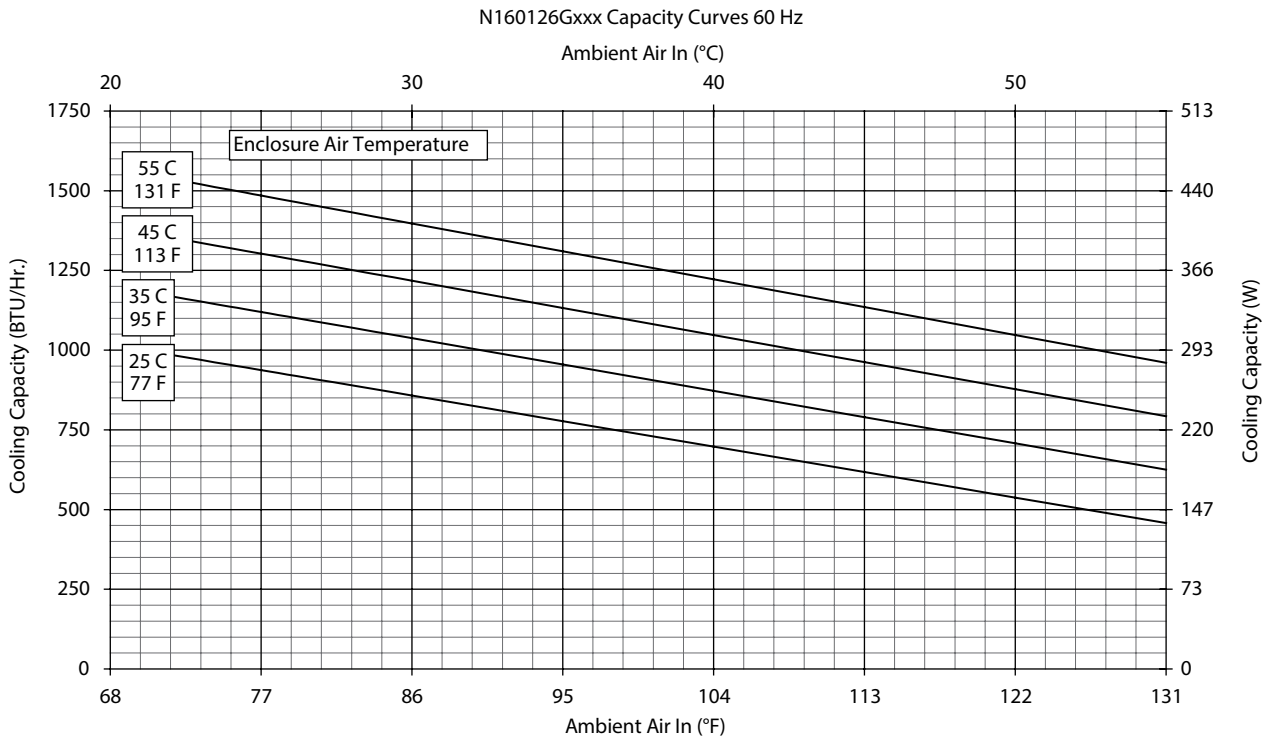
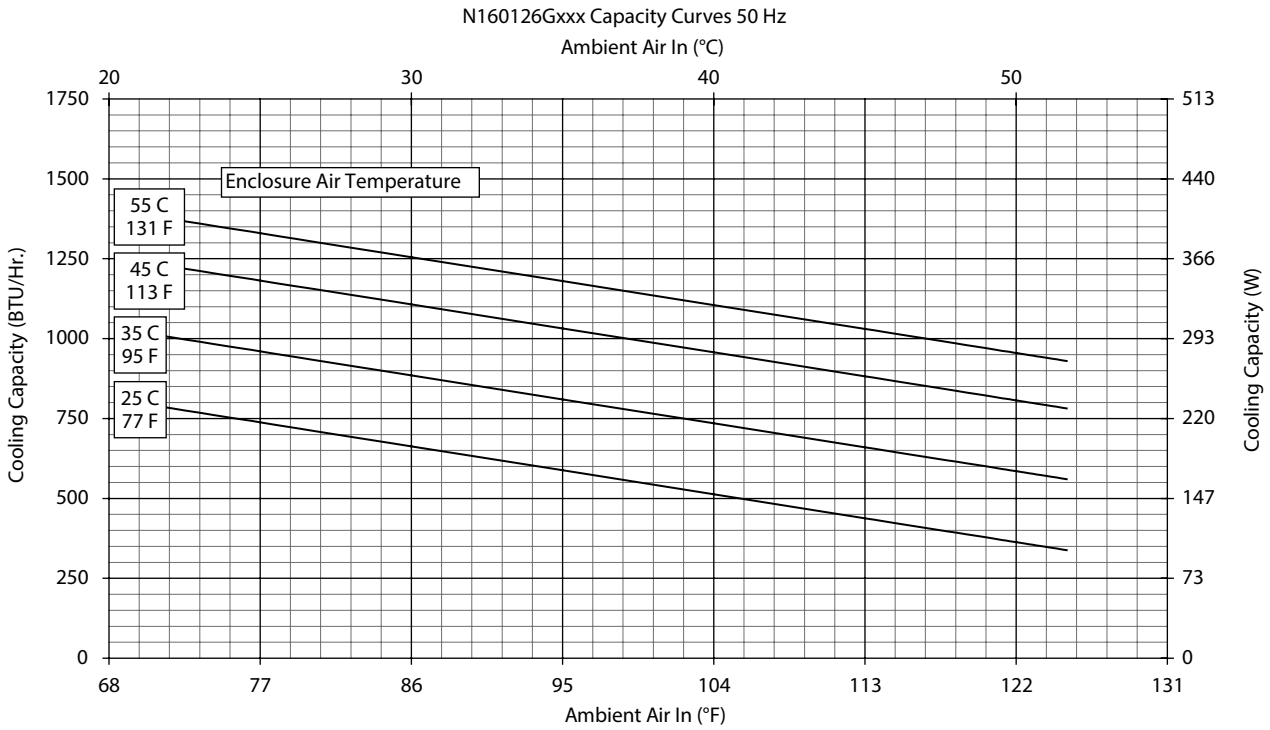
| CATALOG NUMBER | | |
|---|---|----------------|
| Indoor Model | N160116G050 | N160126G050 |
| Indoor Model Stainless Steel Type 4X | N160116G051 | N160126G051 |
| Indoor Model with Remote Access Control* | N160116G060 | N160126G060 |
| COOLING PERFORMANCE | | |
| Nominal: | | |
| BTU/Hr. | 800/800 | 800/900 |
| Watts | 235/235 | 235/264 |
| At 131 F/131 F (55 C/55 C): | | |
| BTU/Hr. (50/60 Hz) | 819 | 920/960 |
| W (50/60 Hz) | 240 | 270/281 |
| At 95 F/95 F (35 C/35 C): | | |
| BTU/Hr. (50 /60 Hz) | 948 | 810/955 |
| W (50/60 Hz) | 278 | 237/280 |
| Refrigerant | R134A | R134A |
| Refrigerant Charge (ounces/grams) | 4/113 | 3.8/107 |
| Operating Temperature Range: | | |
| Maximum (°F/°C) | 131/55 | 125/131/52/55 |
| Minimum (°F/°C) | -40/-40 | -40/-40 |
| Airflow at 0 Static Pressure: | | |
| Internal loop 50 Hz (CFM / m ³ /hr.) | 25/42 | 25/42 |
| External loop 50 Hz (CFM / m ³ /hr.) | 48/82 | 48/82 |
| Internal loop 60 Hz (CFM / m ³ /hr.) | 30/51 | 30/51 |
| External loop 60 Hz (CFM / m ³ /hr.) | 53/90 | 53/90 |
| Max. Heater W (Outdoor Models) | 150 | 150 |
| ELECTRICAL DATA | | |
| Rated Voltage | 100/115 | 220/230 |
| Frequency (Hz) | 50/60 | 50/60 |
| Operating Range | +/- 10% | +/- 10% |
| Max. Power Consumption (W at 50/60 Hz) | 360/403 | 330/345 |
| Max. Nominal Current (A at 50/60 Hz) | 3.6/3.5 | 1.5/1.5 |
| Starting Current (A) | 8.0/9.2 | 3.3/3.1 |
| Agency Approvals | cUL Listed CE EAC Others available upon request | |
| Power Input Description | Terminal Block | Terminal Block |
| ENCLOSURE PROTECTION | | |
| UL Type | Type 12, 3R, 4 standard Type 4X Stainless steel optional | |
| CONTROLLER | | |
| Description | Basic mechanical thermostat | |
| Thermostat Location | Enclosure behind front panel | |
| Factory Thermostat Setting (°F/°C) | 80/27 | |
| SOUND LEVEL | | |
| At 1.5 Meters | 63 dB(A) | |
| UNIT CONSTRUCTION | | |
| Material | Galvanized sheet metal standard Stainless steel optional | |
| Finish | RAL 7035 light-gray, semi-textured powder-coat paint standard | |
| UNIT DIMENSIONS | | |
| Height (in./mm) | 16.51/419 | |
| Width (in./mm) | 7.52/191 | |
| Depth (in./mm) | 6.30/160 | |
| Weight (lb./kg) | 27/12 | |

*Units with Remote Access Control utilize a digital controller and communicate via EtherNet/IP, Profinet, Modbus TCP/IP and SNMP over ethernet or modbus RTU over USB.

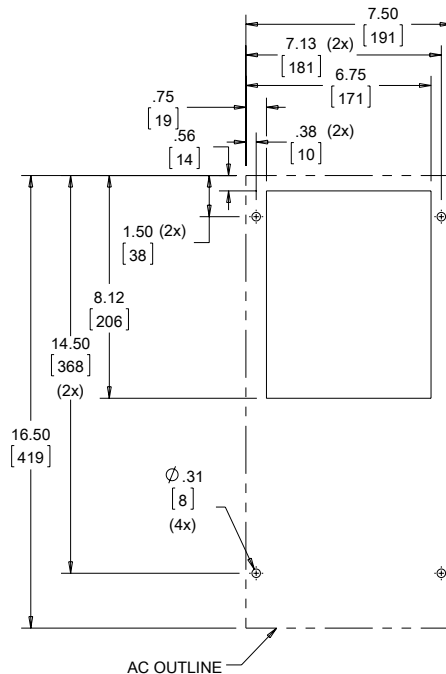
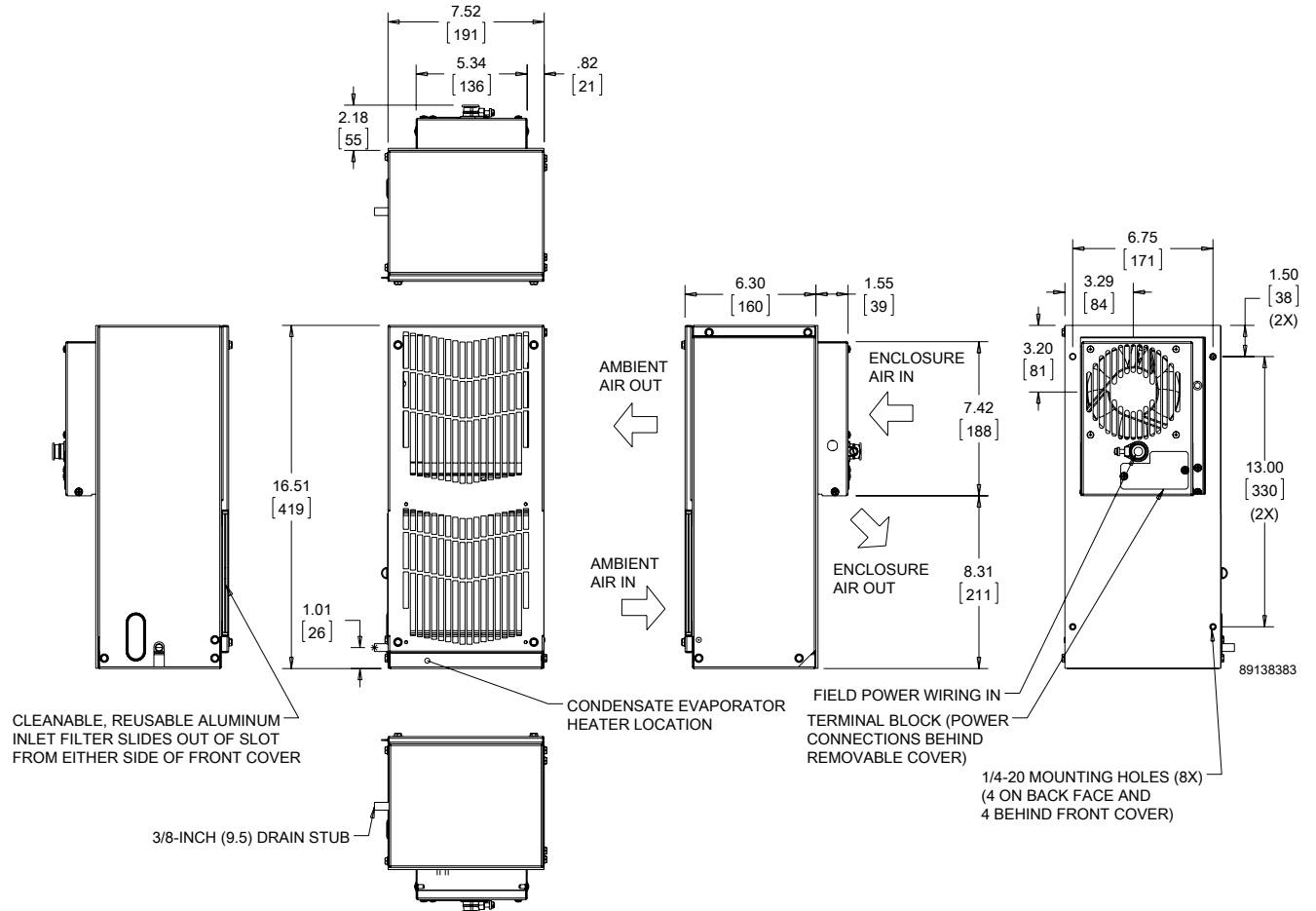
Performance Curves for N16 Models 800 BTU/Hr. (234 Watt)



Performance Curves for N16 Models 800 BTU/Hr. (234 Watt)



N16 800 BTU/Hr. (234 Watt)



Cutout Dimensions (Externally Mounted)

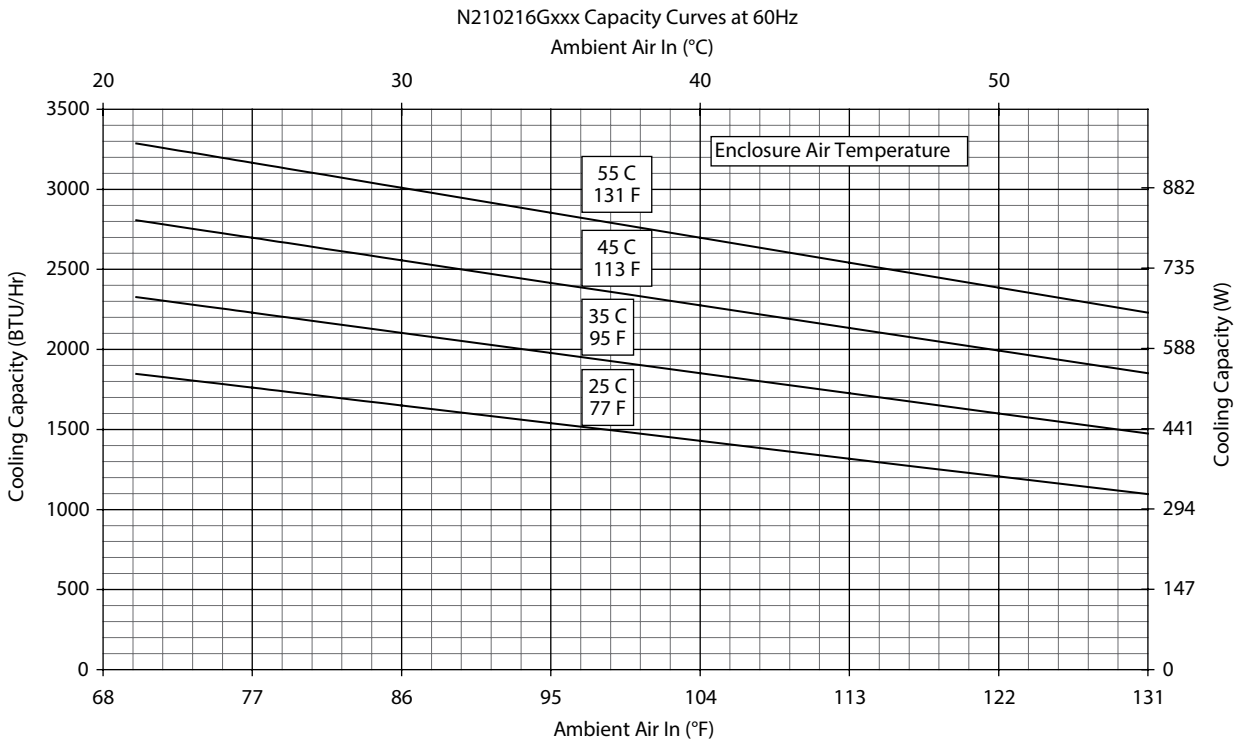
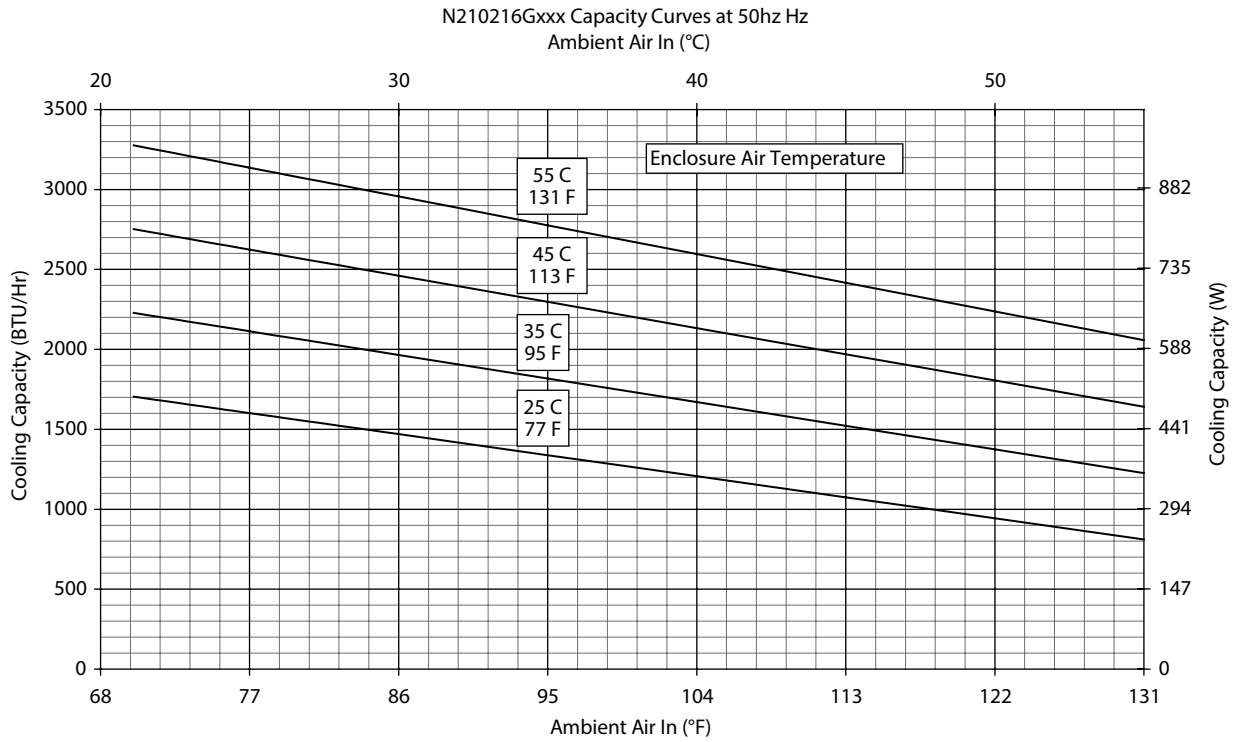
Visit www.nVent.com/HOFFMAN to download 2D and 3D CAD drawings into the overall design of your electrical system.

Performance Data **N21 2000 BTU/Hr. (586 Watt) Models**

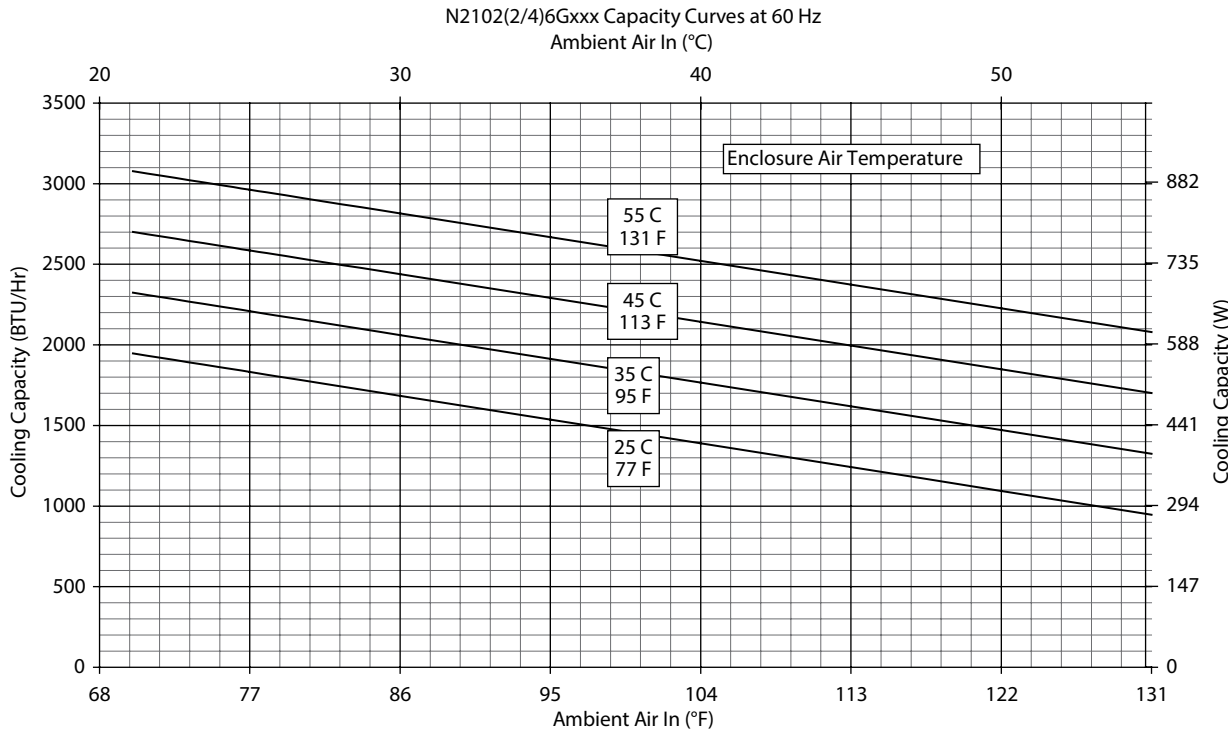
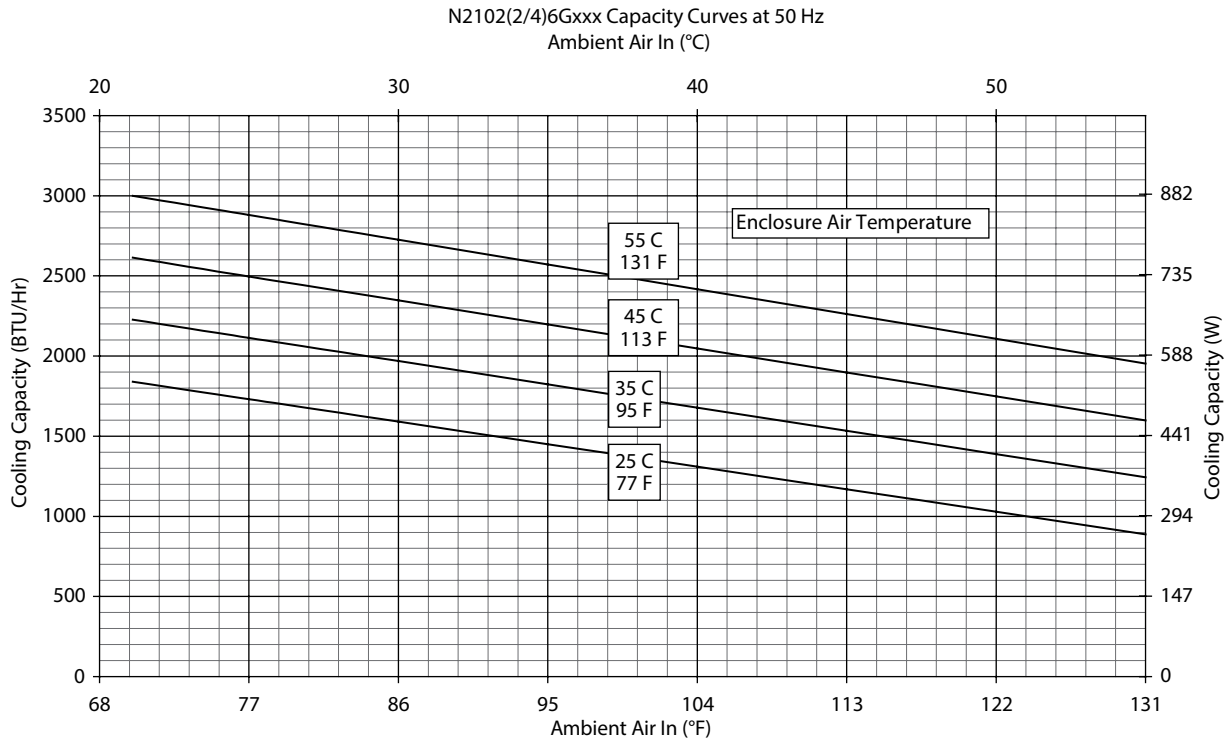
| CATALOG NUMBER | | | |
|---|---|----------------|-----------------------------|
| Indoor Model | N210216G050 | N210226G050 | N210246G050 |
| Indoor Model Stainless Steel Type 4X | N210216G051 | N210226G051 | N210246G051 |
| Indoor Model with Remote Access Control* | N210216G060 | N210226G060 | N210246G060 |
| COOLING PERFORMANCE | | | |
| Nominal: | | | |
| BTU/Hr. | 1800/2000 | 1800/2000 | 1800/2000 |
| Watts | 528/586 | 528/586 | 528/586 |
| At 131 F/131 F (55 C/55 C): | | | |
| BTU/Hr. (50/60 Hz) | 2000/2175 | 2000/2175 | 2000/2175 |
| W (50/60 Hz) | 586/637 | 586/637 | 586/637 |
| At 95 F/95 F (35 C/35 C): | | | |
| BTU/Hr. (50/60 Hz) | 1950/2200 | 1950/2200 | 1950/2200 |
| W (50/60 Hz) | 571/645 | 571/645 | 571/645 |
| Refrigerant | R134A | R134A | R134A |
| Refrigerant Charge (ounces/grams) | 6.5/184 | 6.5/184 | 6.5/184 |
| Operating Temperature Range: | | | |
| Maximum (°F/°C) | 131/55 | 131/55 | 131/55 |
| Minimum (°F/°C) | -40/-40 | -40/-40 | -40/-40 |
| Airflow at 0 Static Pressure: | | | |
| Internal loop 50 Hz (CFM / m ³ /hr.) | 77/131 | 77/131 | 77/131 |
| External loop 50 Hz (CFM / m ³ /hr.) | 150/255 | 150/255 | 150/255 |
| Internal loop 60 Hz (CFM / m ³ /hr.) | 91/155 | 91/155 | 91/155 |
| External loop 60 Hz (CFM / m ³ /hr.) | 165/280 | 165/280 | 165/280 |
| Max. Heater W (Outdoor Models) | 500 | 500 | 500 |
| ELECTRICAL DATA | | | |
| Rated Voltage | 115 | 230 | 460V 1PH |
| Frequency (Hz) | 50/60 | 50/60 | 50/60 |
| Operating Range | +/- 10% | +/- 10% | +/- 10% |
| Max. Power Consumption (W at 50/60 Hz) | 700/805 | 805 | 874 |
| Max. Nominal Current (A at 50/60 Hz) | 7.0/7.0 | 3.5/3.5 | 1.9 |
| Starting Current (A) | 19 | 7.6 | 7.2 |
| Agency Approvals | cUL Listed CE EAC Others available upon request | | cUR Recognized CE EAC |
| Power Input Description | Terminal Block | Terminal Block | Terminal Block |
| ENCLOSURE PROTECTION | | | |
| UL Type | Type 12, 3R, 4 standard Type 4X Stainless steel optional | | |
| CONTROLLER | | | |
| Description | Basic mechanical thermostat | | |
| Thermostat Location | Enclosure side on all base models | | |
| Factory Thermostat Setting (°F/°C) | 80/27 | | |
| SOUND LEVEL | | | |
| At 1.5 Meters | 66 dB(A) | | |
| UNIT CONSTRUCTION | | | |
| Material | Galvanized sheet metal standard Stainless steel optional | | |
| Finish | RAL 7035 light-gray, semi-textured powder-coat paint standard Other colors available | | |
| UNIT DIMENSIONS | | | |
| Height (in./mm) | 20.92/531 | 20.92/531 | 25.17/614 |
| Width (in./mm) | 10.00/254 | 10.00/254 | 10.00/254 |
| Depth (in./mm) | 9.90/251 | 9.90/251 | 9.90/251 |
| Weight (lb./kg) | 56/25 | 56/25 | 66/30 |

*Units with Remote Access Control utilize a digital controller and communicate via EtherNet/IP, Profinet, Modbus TCP/IP and SNMP over ethernet or modbus RTU over USB.

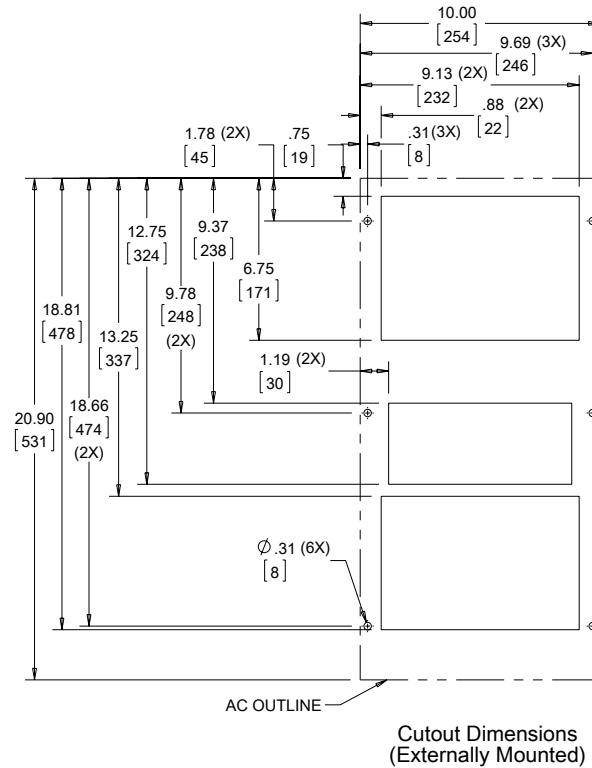
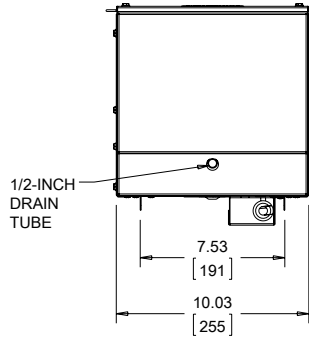
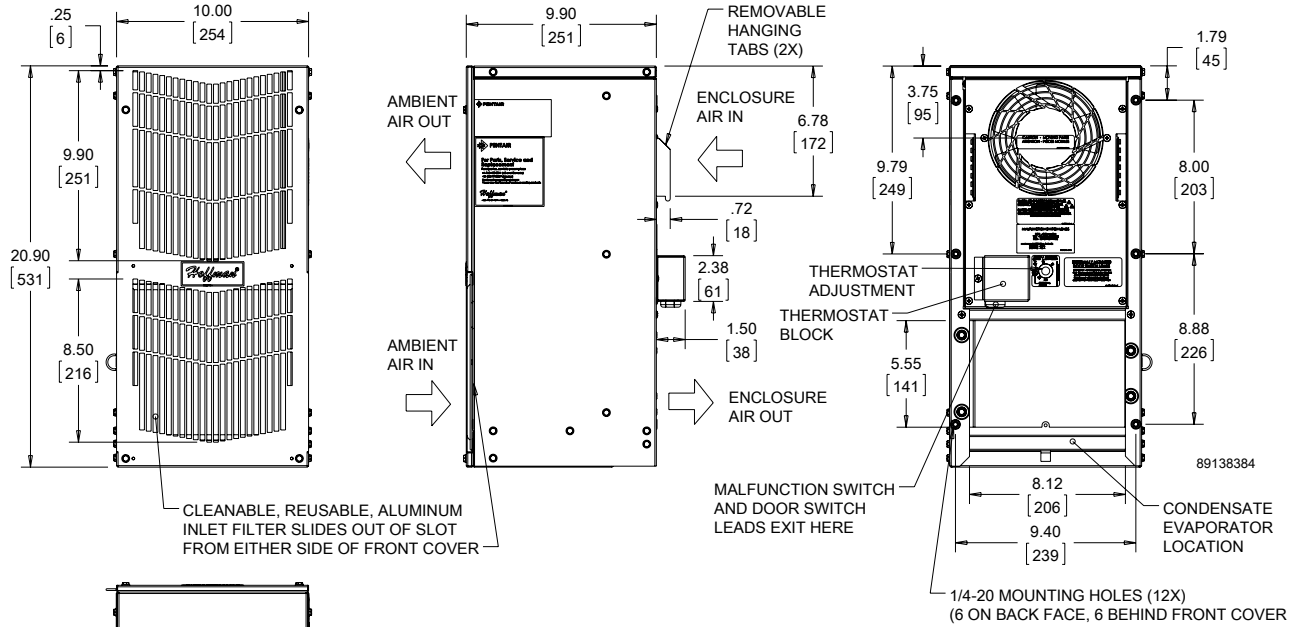
Performance Curves for N21 Models 2000 BTU/Hr. (586 Watt)



Performance Curves for N21 Models 2000 BTU/Hr. (586 Watt)

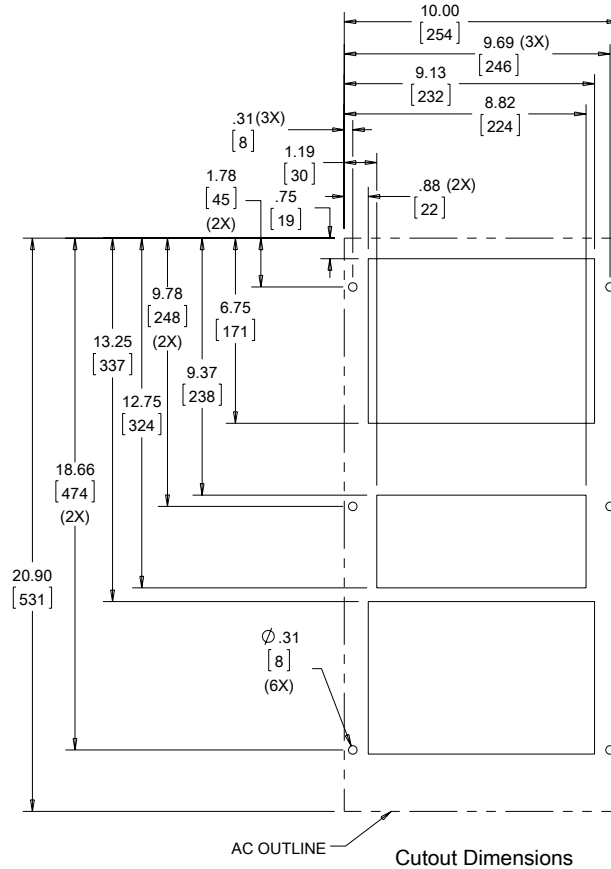
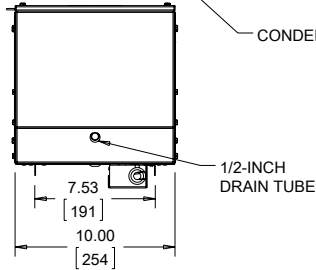
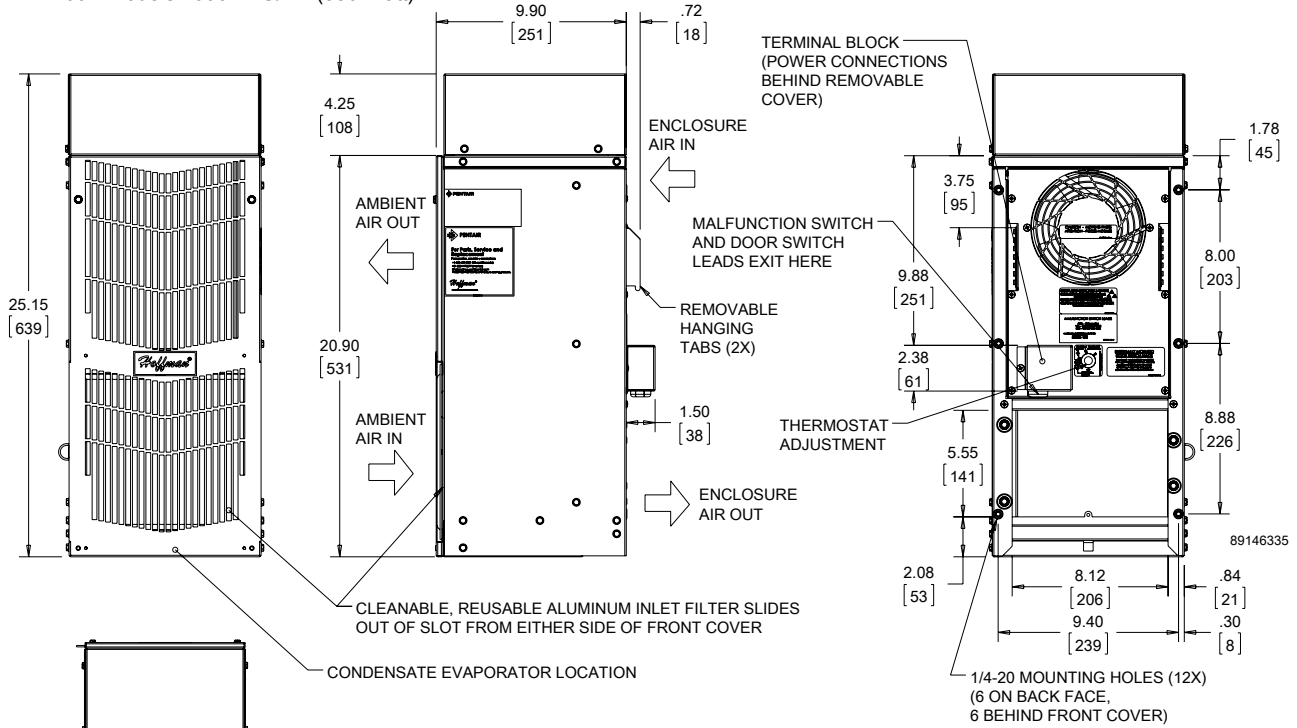


N21 115/230V Models 2000 BTU/Hr. (586 Watt)



Visit www.nVent.com/HOFFMAN to download 2D and 3D CAD drawings into the overall design of your electrical system.

N21 460V Models 2000 BTU/Hr. (586 Watt)



Visit www.nVent.com/HOFFMAN to download 2D and 3D CAD drawings into the overall design of your electrical system.

SPECTRACOOL NARROW INDOOR/OUTDOOR


| N43 | N36 | N28 |
|---------------|-------------------|--------------|
| 11000 BTU/Hr. | 6000/8000 BTU/Hr. | 4000 BTU/Hr. |
| 3223 Watt | 1758/2344 Watt | 1172 Watt |

INDUSTRY STANDARDS

UL/cUL Listed; Type 12, 3R, 4; 4X optional; File No. SA6453

CE
 IP 56 Internal Loop
 IP 34 on External Loop
 Telcordia GR-487 capable (Outdoor)

APPLICATION

- Industrial automation
- Waste water treatment systems
- Package handling equipment
- Security and defense systems

FEATURES

- Narrow design accommodates 12-in. (300-mm) deep cabinets
- Energy efficient reciprocating compressor on N28 models
- Energy efficient rotary compressor on N36 and N43 models
- R407c and R134a earth-friendly refrigerants
- Models for 115, 230 and 400/460 3-phase VAC power input
- UL Listed to save customers time and money with agency approvals
- Outdoor model operating temperature range from -40 F/-40 C to 131 F/55 C (125 F/52 C on N28 Series)
- Attractive industrial design with minimal use of visible fasteners
- Reliable mechanical thermostat on enclosure side of the unit; indoor Air Conditioner models include digital display on ambient side
- Galvanized sheet-metal cover for rugged factory and outdoor environments
- Easy-mount flanges for simple installation
- Cut-out adapter options for enclosures with GENESIS air conditioners enable users to easily transition to the new unit
- Dust-resistant condenser coil allows the unit to be run filterless in most applications
- Cleanable, reusable aluminum mesh filter protects coils for maximum cooling performance
- Mounting hardware, gaskets and user manual furnished with the unit
- Every unit functionally tested before shipping
- Standard Indoor Air Conditioner models also include:
 - Active condensate management with heater strip
 - Power-off relay for door switch and other system requirements
 - Malfunction switch
- Standard Outdoor Air Conditioner models also include:
 - Telcordia GR-487 capable
 - Corrosion-resistant components
 - Malfunction switch
 - Compressor heater
 - Head pressure control
 - 1300 W enclosure heater

SPECIFICATIONS

- Nominal cooling capacity:
 - N28 4000 BTU/Hr. (1172 W)
 - N36 6000 & 8000 BTU/Hr. (1758 and 2344 W)
 - N43 11000 BTU/Hr. (3223 W)
- Outdoor model operating temperature range from -40 F/-40 C to 131 F/55 C (125 F/52 C on N28 Series)

FINISH

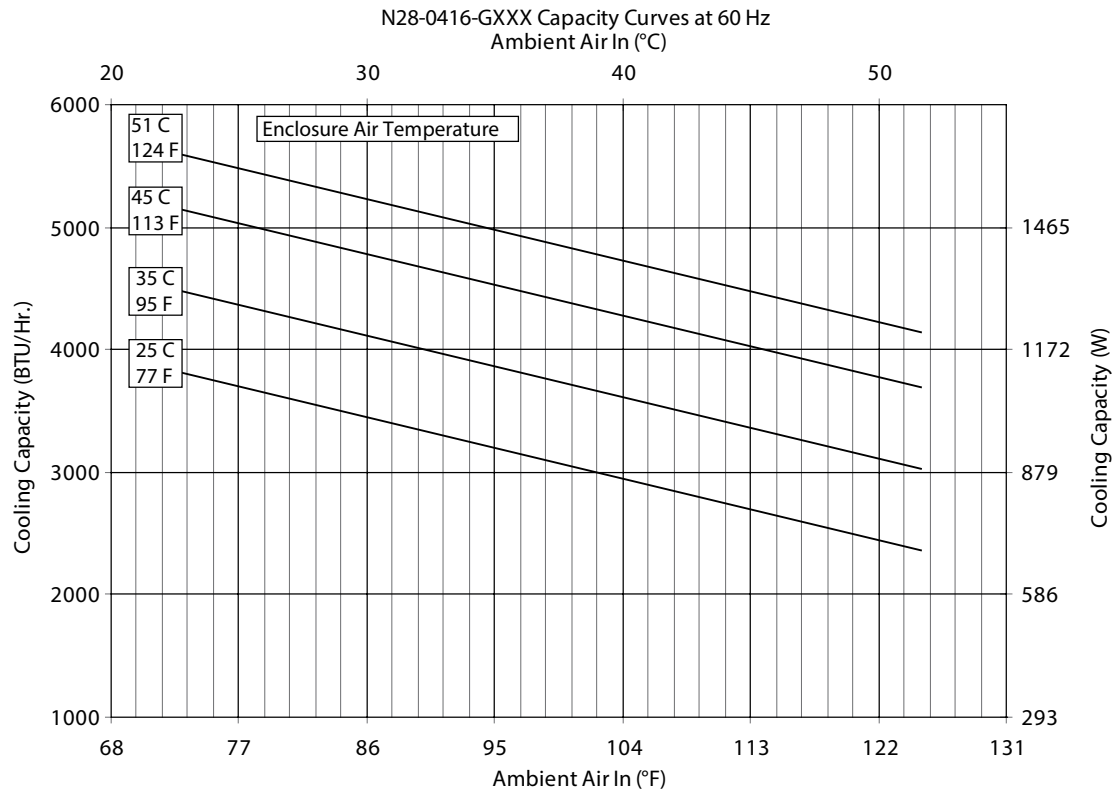
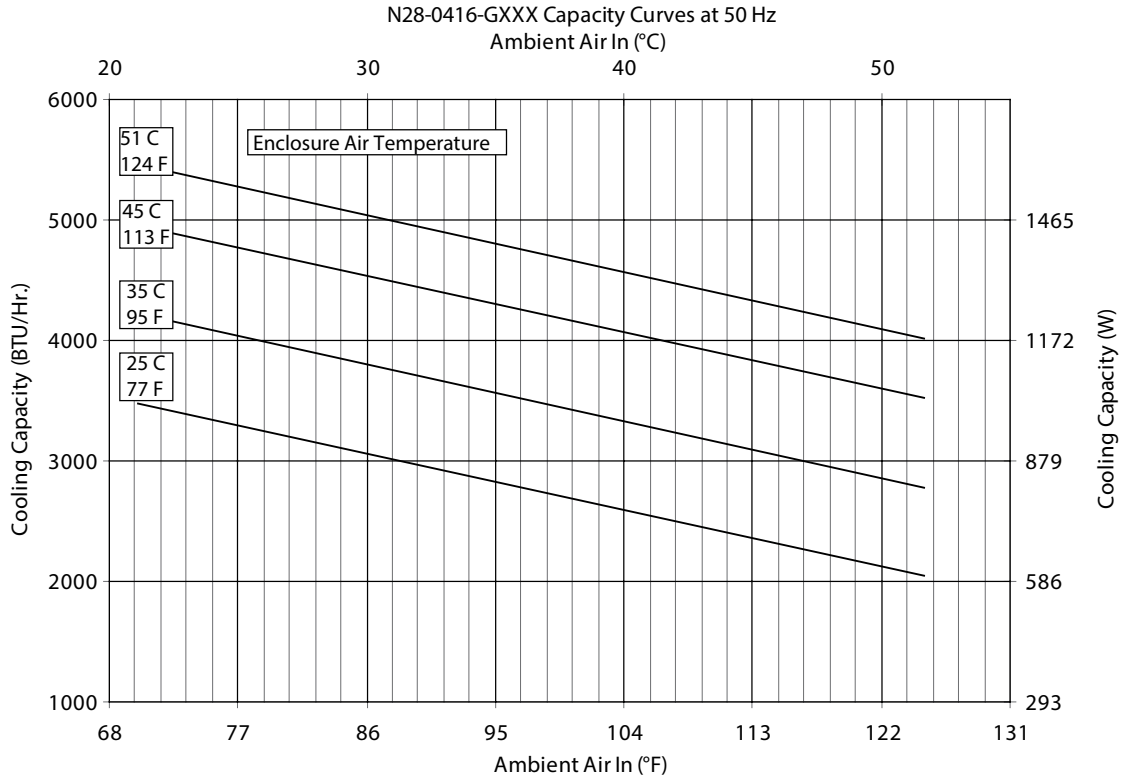
- RAL 7035 light-gray, semi-textured powder-coat paint
- Other colors and textures available

Performance Data **N28 4000 BTU/Hr. (1172 Watt)**

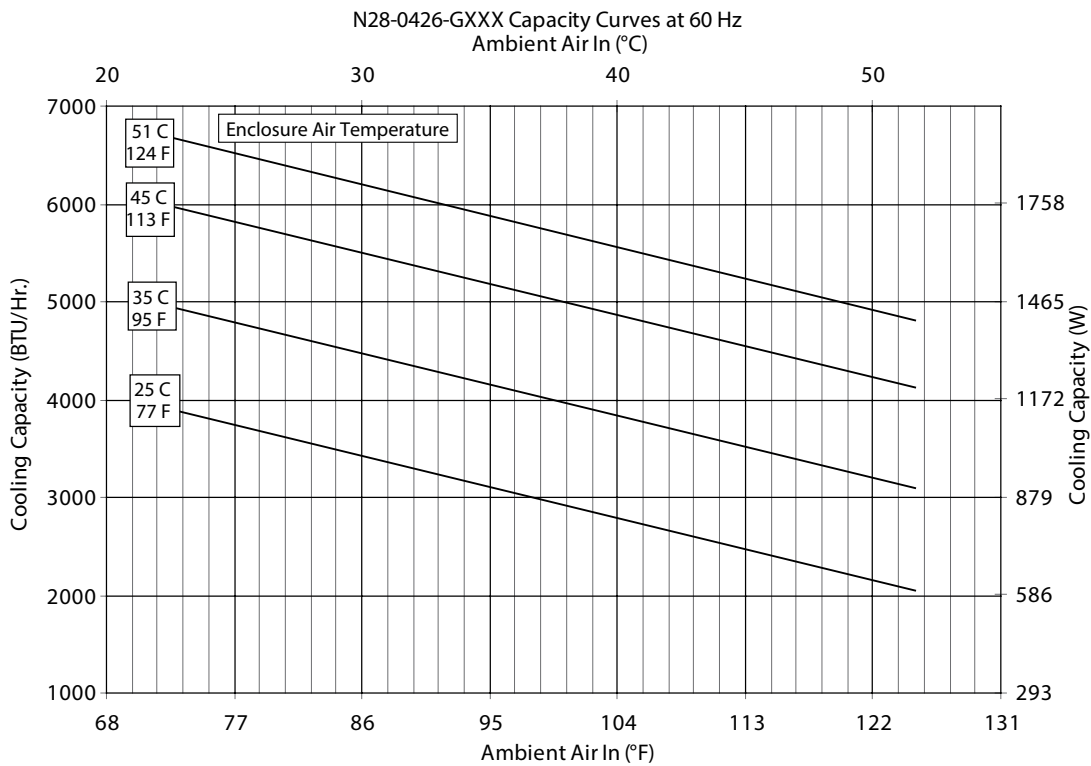
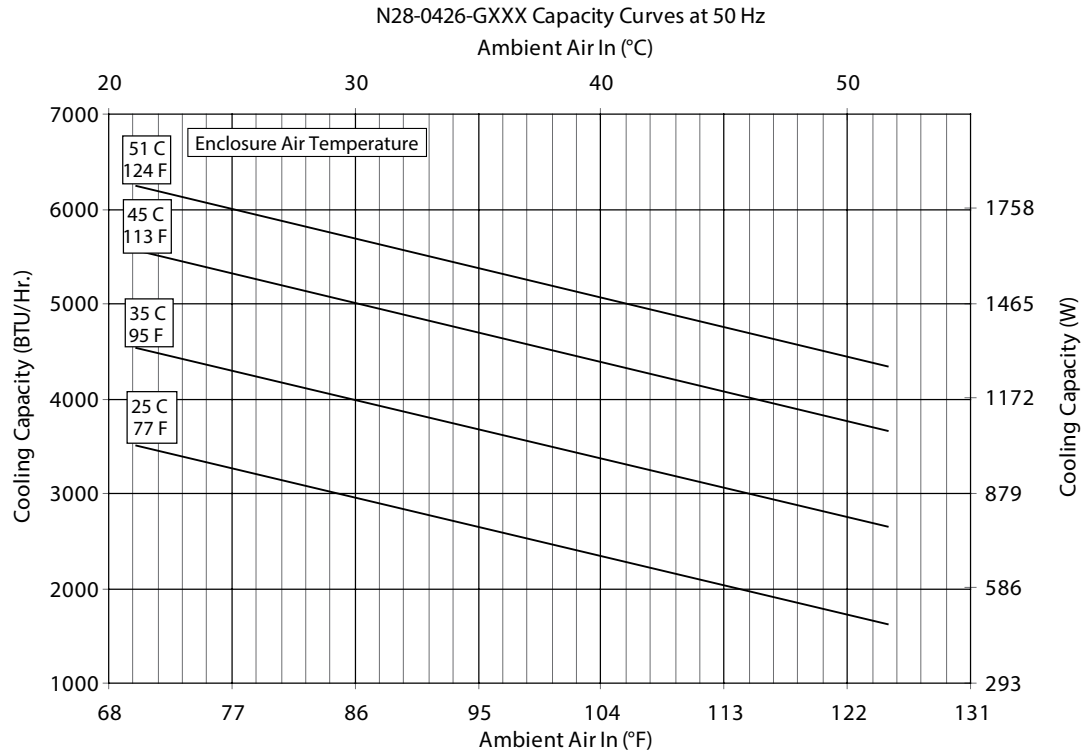
| CATALOG NUMBER | | | |
|--|-------------|--|-------------|
| Indoor Model | N280416G050 | N280426G050 | N280446G050 |
| Indoor Model Stainless Steel Type 4X | N280416G051 | N280426G051 | N280446G051 |
| Indoor Model with Remote Access Control* | N280416G060 | N280426G060 | N280446G060 |
| Outdoor Model without Heat Pkg. | N280416G100 | N280426G100 | N280446G100 |
| Outdoor Model with Heat Pkg. | N280416G150 | N280426G150 | - |
| Outdoor Model with Heat Pkg. Stainless Steel Type 4X | N280416G151 | N280426G151 | - |
| COOLING PERFORMANCE | | | |
| Nominal: | | | |
| BTUs/Hr. | 3800 / 4000 | 3800 / 4000 | 3800 / 4000 |
| Watts | 1114 / 1172 | 1114 / 1172 | 1114 / 1172 |
| At 125 F / 125 F (50 C / 50 C): | | | |
| BTU/Hr. (50 / 60 Hz) | 3940 / 4104 | 4269 / 4703 | 4269 / 4703 |
| Watts (50 / 60 Hz) | 1150 / 1000 | 1250 / 1378 | 1250 / 1378 |
| At 95 F / 95 F (35 C / 35 C): | | | |
| BTU/Hr. (50 / 60 Hz) | 3754 / 4011 | 3700 / 4291 | 3700 / 4291 |
| Watts (50 / 60 Hz) | 1100 / 1175 | 1086 / 1257 | 1086 / 1257 |
| Refrigerant | R134a | R134a | R134a |
| Refrigerant Charge (ounces/grams) | 10 / 283 | 11 / 312 | 11 / 312 |
| Operating Temperature Range: | | | |
| Maximum (°F / °C) | 125 / 52 | 125 / 52 | 125 / 52 |
| Minimum (°F / °C) | -40 / -40 | -40 / -40 | -40 / -40 |
| Air Flow at 0 Static Pressure: | | | |
| Internal loop 50 Hz (CFM / M ³ /Hr) | 138 / 234 | 138 / 234 | 138 / 234 |
| External loop 50 Hz (CFM / M ³ /Hr) | 268 / 455 | 268 / 455 | 268 / 455 |
| Internal loop 60 Hz (CFM / M ³ /Hr) | 143 / 243 | 143 / 243 | 143 / 243 |
| External loop 60 Hz (CFM / M ³ /Hr) | 288 / 489 | 288 / 489 | 288 / 489 |
| Max. Heater W (Outdoor Models) | 1300 | 1300 | N/A |
| ELECTRICAL DATA | | | |
| Rated Voltage | 110 / 115 | 230 | 460V 1PH |
| Frequency (Hz) | 50 / 60 | 50 / 60 | 50 / 60 |
| Operating Range | +/-10% | +/-10% | +/-10% |
| Max. Power Consumption (Watts at 50 / 60 Hz) | 971 / 1116 | 975 / 1104 | 1104 |
| Max. Nominal Current (Amps at 50 / 60 Hz) | 10.1/11.2 | 4.9 / 5.0 | 2.5 |
| Starting Current (Amps) | 40 | 24.5 | 12.5 |
| Agency Approvals | | cUL Listed CE Others available upon request | |
| Power Input Description | | Terminal Block | |
| ENCLOSURE PROTECTION | | | |
| UL Type | | Type 12, 3R, 4 Standard Type 4X Stainless Steel Optional | |
| CONTROLLER | | | |
| Description | | Basic Mechanical Thermostat | |
| Thermostat Location | | Enclosure Side | |
| Factory Thermostat Setting (°F / °C) | | 80 / 27 | |
| SOUND LEVEL | | | |
| At 1.5 Meters | 64.4 dBA | 65.5 dBA | 65.5 dBA |
| UNIT CONSTRUCTION | | | |
| Material | | Galvanized sheet metal standard Stainless steel optional | |
| Finish | | RAL 7035 light-gray, semi-textured powder-coat paint standard Other colors available | |
| ACCESSORIES | | | |
| EASYSWAP Adaptor Plenum (GENESIS M33) | | Enables SPECTRACOOL to be mounted to a GENESIS M33 air conditioner cutout Catalog Number PLM33N28 | |
| UNIT DIMENSIONS | | | |
| Height (in / mm) | | 28 / 711.2 | |
| Width (in / mm) | | 11.50 / 292.1 | |
| Depth (in / mm) | | 14.00 / 355.6 | |
| Weight (lb / kg) | 84 / 38 | 84 / 38 | 92 / 41.7 |

*Units with Remote Access Control utilize a digital controller and communicate via EtherNet/IP, Profinet, Modbus TCP/IP and SNMP over ethernet or modbus RTU over USB.

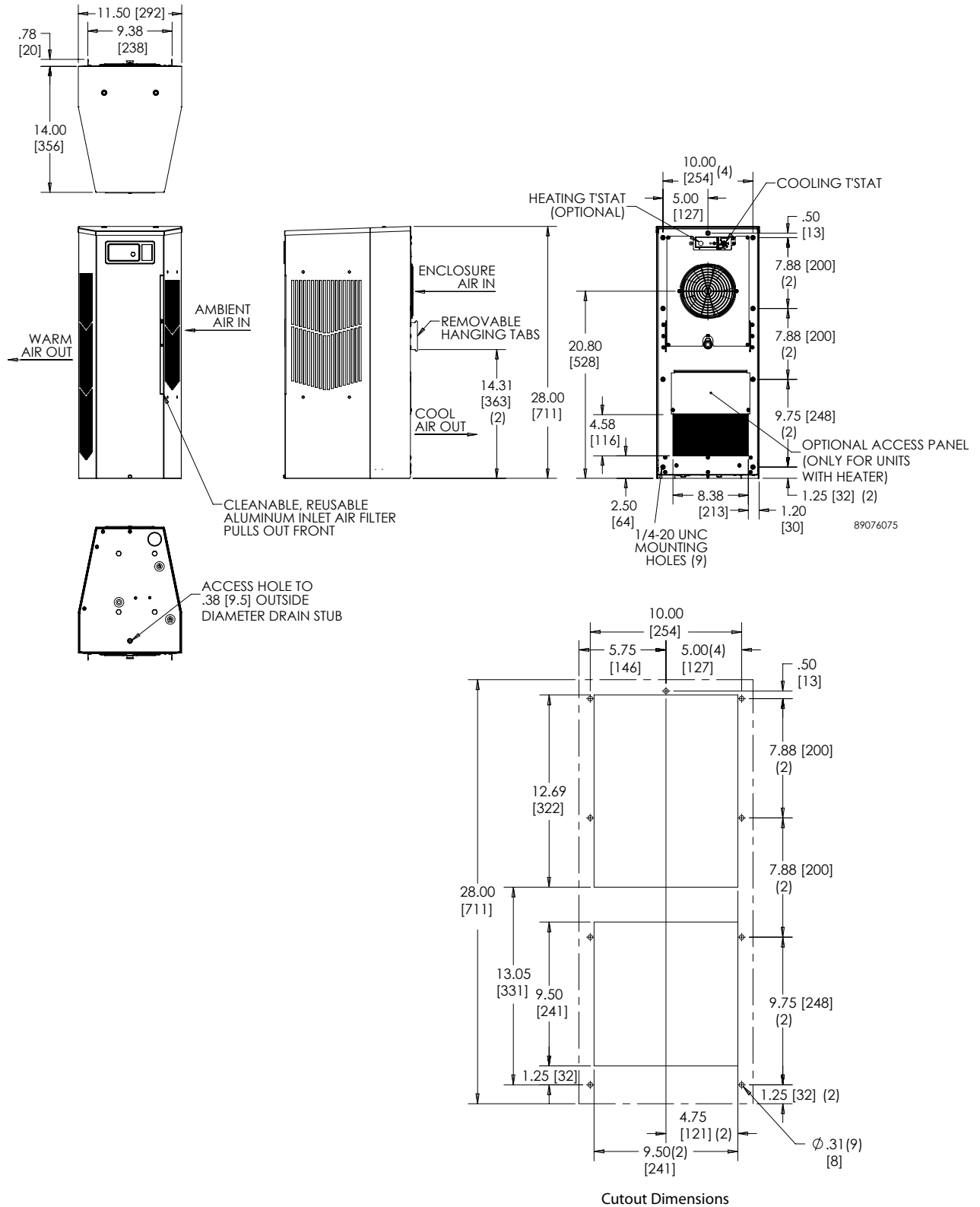
Performance Curves for N28 Models 4000 BTU/Hr. (1172 Watt)



Performance Curves for N28 Models 4000 BTU/Hr. (1172 Watt)



N28 Models 4000 BTU/Hr. (1172 Watt)



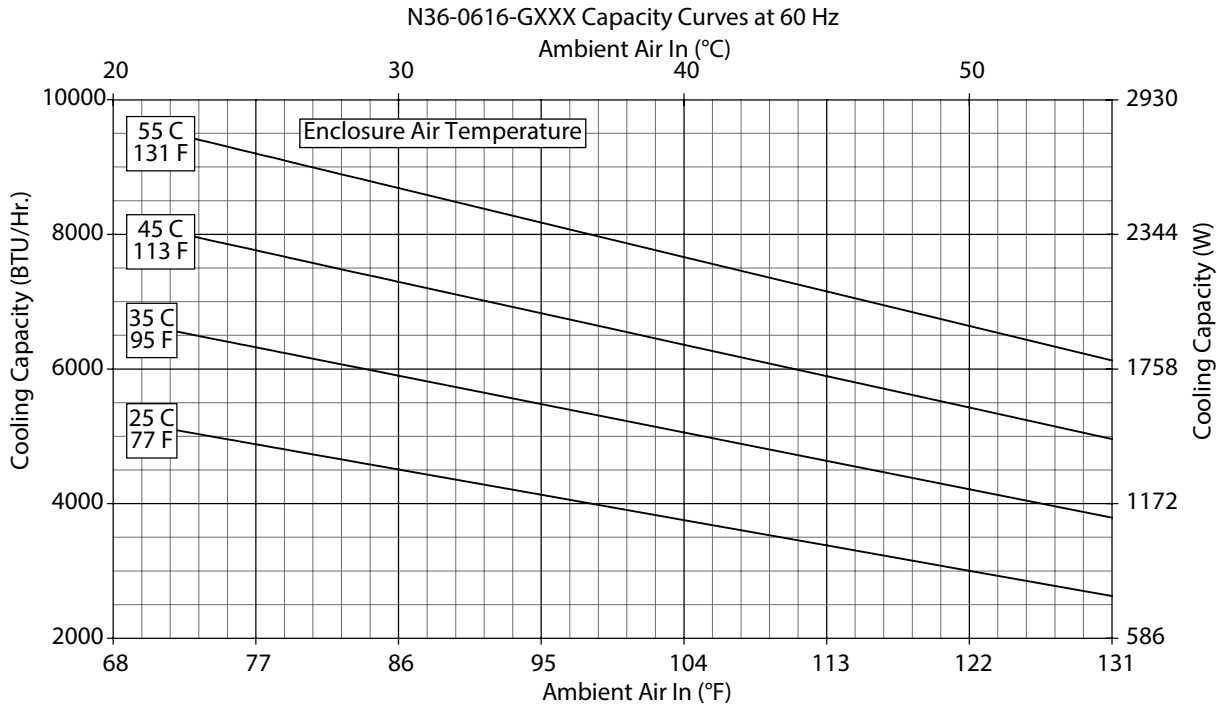
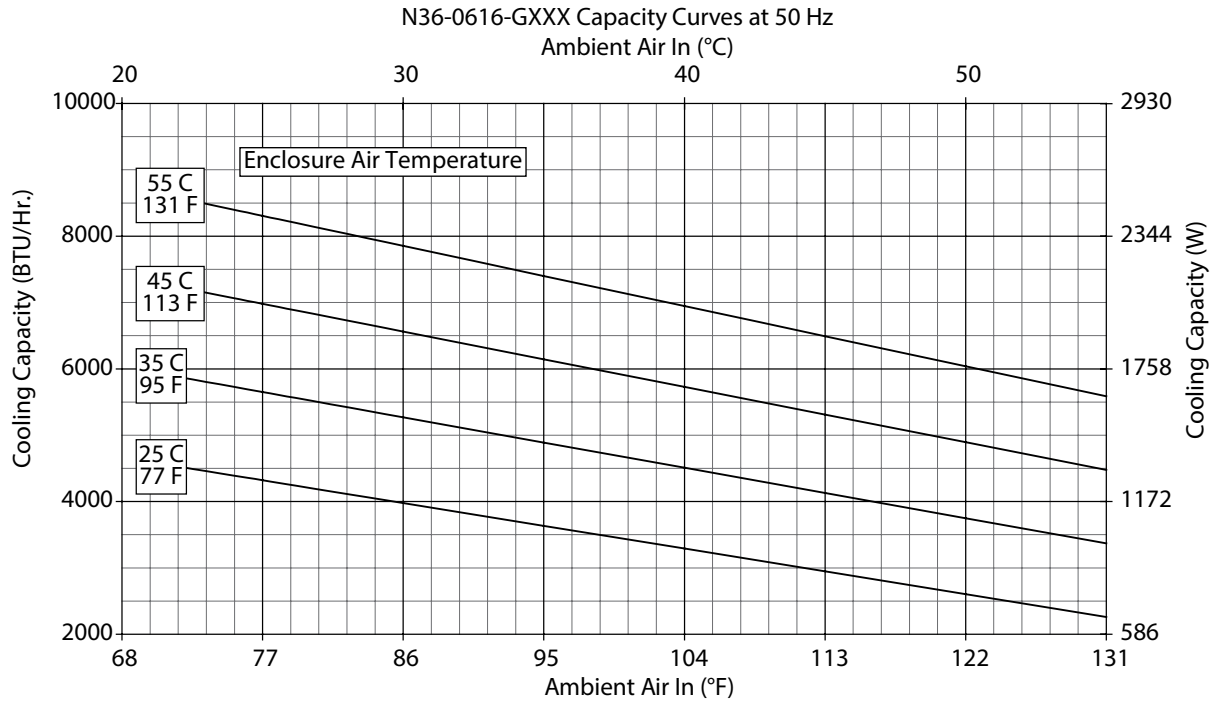
Visit www.nVent.com/HOFFMAN to download 2D and 3D CAD drawings into the overall design of your electrical system.

Performance Data **N36 6000/8000 BTU/Hr. (1758/2344 Watt)**

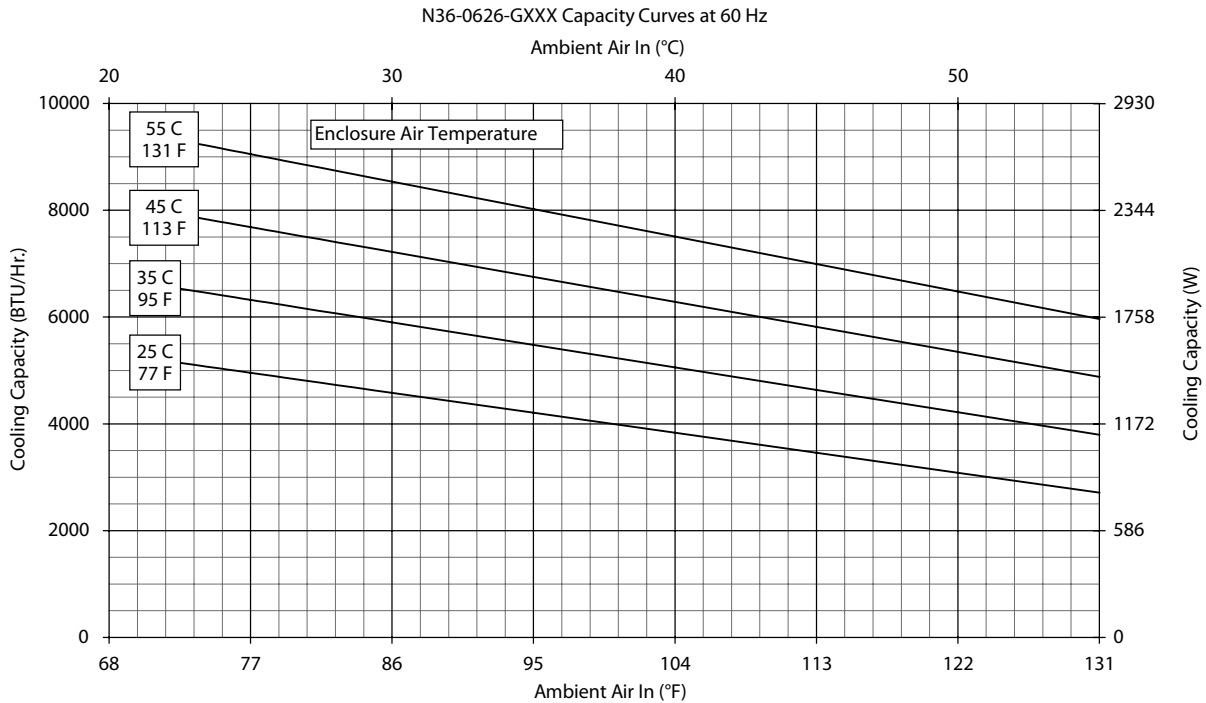
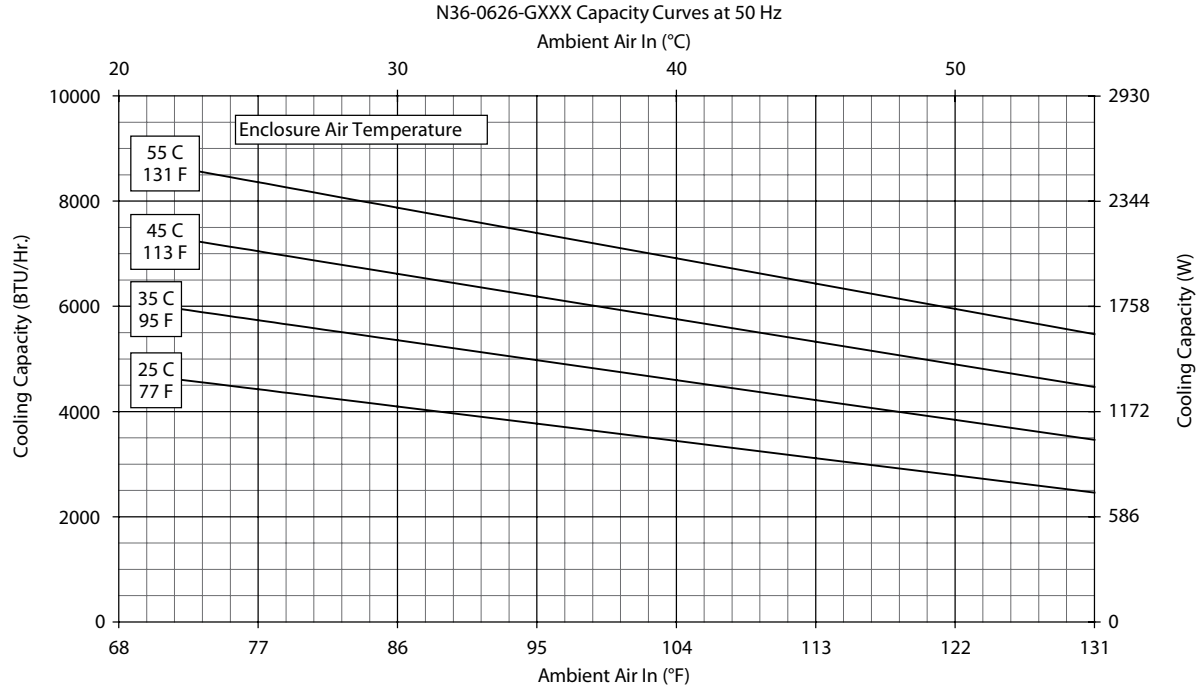
| CATALOG NUMBER | | | | | | |
|--|---|-------------|--------------|-------------|-------------|--------------|
| Indoor Model | N360616G050 | N360626G050 | N360646G050 | N360816G050 | N360826G050 | N360846G050 |
| Indoor Model Stainless Steel Type 4X | N360616G051 | N360626G051 | N360646G051 | N360816G051 | N360826G051 | N360846G051 |
| Indoor Model with Remote Access Control* | N360616G060 | N360626G060 | N360646G060 | N360816G060 | N360826G060 | N360846G060 |
| Outdoor Model without Heat Pkg. | N360616G100 | N360626G100 | N360646G100 | N360816G100 | N360826G100 | N360846G100 |
| Outdoor Model with Heat Pkg. | N360616G150 | N360626G150 | N360646G150 | N360816G150 | N360826G150 | N360846G150 |
| Outdoor Model with Heat Pkg. Stainless Steel Type 4X | N360616G151 | N360626G151 | N360646G151 | N360816G151 | N360826G151 | N360846G151 |
| COOLING PERFORMANCE | | | | | | |
| Nominal: | | | | | | |
| BTU/Hr. | 5400 / 6000 | 5400 / 6000 | 5400 / 6000 | 8250 / 8500 | 8250 / 8500 | 8250 / 8500 |
| Watts | 1581 / 1757 | 1581 / 1757 | 1581 / 1757 | 2416 / 2489 | 2313 / 2635 | 2284 / 2401 |
| At 131 F / 131 F (55 C / 55 C): | | | | | | |
| BTU/Hr. (50 / 60 Hz) | 5585 / 6180 | 5469 / 5965 | 5300 / 6089 | 8213 / 8453 | 7874 / 8063 | 7311 / 7940 |
| Watts (50 / 60 Hz) | 1637 / 1811 | 1603 / 1748 | 1553 / 1785 | 2405 / 2475 | 2306 / 2361 | 2143 / 2327 |
| At 95 F / 95 F (35 C / 35 C): | | | | | | |
| BTU/Hr. (50 / 60 Hz) | 4909 / 5485 | 5159 / 5621 | 5572 / 6026 | 7028 / 7626 | 6660 / 7411 | 6448 / 6716 |
| Watts (50 / 60 Hz) | 1439 / 1607 | 1512 / 1647 | 1633 / 1766 | 2058 / 2233 | 1950 / 2170 | 1890 / 1968 |
| Refrigerant | R134a | R134a | R134a | R134a | R134a | R134a |
| Refrigerant Charge (ounces/grams) | 20 / 567 | 22 / 624 | 16 / 454 | 36 / 1021 | 36 / 1021 | 33 / 936 |
| Operating Temperature Range: | | | | | | |
| Maximum (°F / °C) | 131 / 55 | 131 / 55 | 131 / 55 | 131 / 55 | 131 / 55 | 131 / 55 |
| Minimum (°F / °C) | -40 / -40 | -40 / -40 | -40 / -40 | -40 / -40 | -40 / -40 | -40 / -40 |
| Air Flow at 0 Static Pressure: | | | | | | |
| Internal loop 50 Hz (CFM / M ³ /Hr.) | 251 / 426 | 250 / 425 | 250 / 425 | 250 / 425 | 245 / 416 | 243 / 413 |
| External loop 50 Hz (CFM / M ³ /Hr.) | 284 / 483 | 338 / 574 | 338 / 574 | 313 / 532 | 347 / 589 | 365 / 620 |
| Internal loop 60 Hz (CFM / M ³ /Hr.) | 261 / 443 | 261 / 443 | 261 / 443 | 263 / 447 | 258 / 439 | 254 / 432 |
| External loop 60 Hz (CFM / M ³ /Hr.) | 311 / 528 | 356 / 605 | 356 / 605 | 338 / 574 | 382 / 648 | 394 / 669 |
| Max. Heater W (Outdoor Models) | 1300 | 1300 | 1300 | 1300 | 1300 | 1300 |
| ELECTRICAL DATA | | | | | | |
| Rated Voltage | 115 | 230 | 400 / 460 3~ | 115 | 230 | 400 / 460 3~ |
| Frequency (Hz) | 50 / 60 | 50 / 60 | 50 / 60 | 50 / 60 | 50 / 60 | 50 / 60 |
| Operating Range | +/-10% | +/-10% | +/-10% | +/-10% | +/-10% | +/-10% |
| Max. Power Consumption (Watts at 50 / 60 Hz) | 911 / 1108 | 908 / 1073 | 697 / 895 | 1334 / 1530 | 1265 / 1403 | 1327 / 1647 |
| Max. Nominal Current (Amps at 50 / 60 Hz) | 9.1 / 10.1 | 4.5 / 4.7 | 1.59 / 1.69 | 11.6 / 13.3 | 5.5 / 6.1 | 3.0 / 3.3 |
| Starting Current (Amps) | 39.2 | 23.0 | 8.1 | 48.3 | 27.0 | 16.0 |
| Agency Approvals | cUL Listed CE Others available upon request Terminal Block | | | | | |
| Power Input Description | Terminal Block | | | | | |
| ENCLOSURE PROTECTION | | | | | | |
| UL Type | Type 12, 3R, 4 Standard Type 4X Stainless Steel Optional | | | | | |
| CONTROLLER | | | | | | |
| Description | Basic Mechanical Thermostat | | | | | |
| Thermostat Location | Enclosure Side | | | | | |
| Factory Thermostat Setting (°F / °C) | 80 / 27 | | | | | |
| SOUND LEVEL | | | | | | |
| At 1.5 Meters | 66.9 dBA | 66.7 dBA | 68.2 dBA | 66.0 dBA | 66.0 dBA | 66.0 dBA |
| UNIT CONSTRUCTION | | | | | | |
| Material | Galvanized sheet metal standard Stainless steel optional | | | | | |
| Finish | RAL 7035 light-gray, semi-textured powder-coat paint standard Other colors available | | | | | |
| ACCESSORIES | | | | | | |
| EASYSWAP Adaptor Plenum (GENESIS M36) | Enables SPECTRACOOOL to be mounted to a GENESIS M36 air conditioner cutout Catalog Number PLM36N36 | | | | | |
| UNIT DIMENSIONS | | | | | | |
| Height (in. / mm) | 36.00 / 914.4 | | | | | |
| Width (in. / mm) | 11.50 / 292.1 | | | | | |
| Depth (in. / mm) | 14.00 / 355.6 | | | | | |
| Weight (lb. / kg) | 100 / 45 | 100 / 45 | 104 / 47 | 106 / 48 | 106 / 48 | 114 / 52 |

*Units with Remote Access Control utilize a digital controller and communicate via EtherNet/IP, Profinet, Modbus TCP/IP and SNMP over ethernet or modbus RTU over USB.

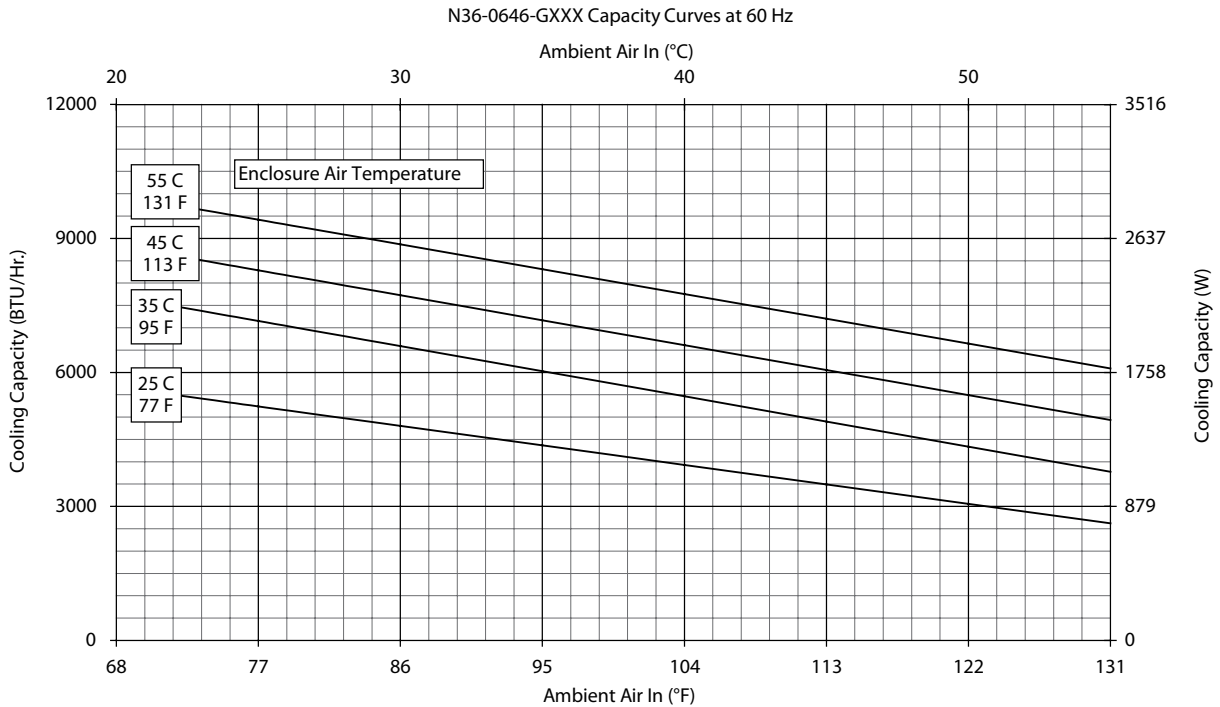
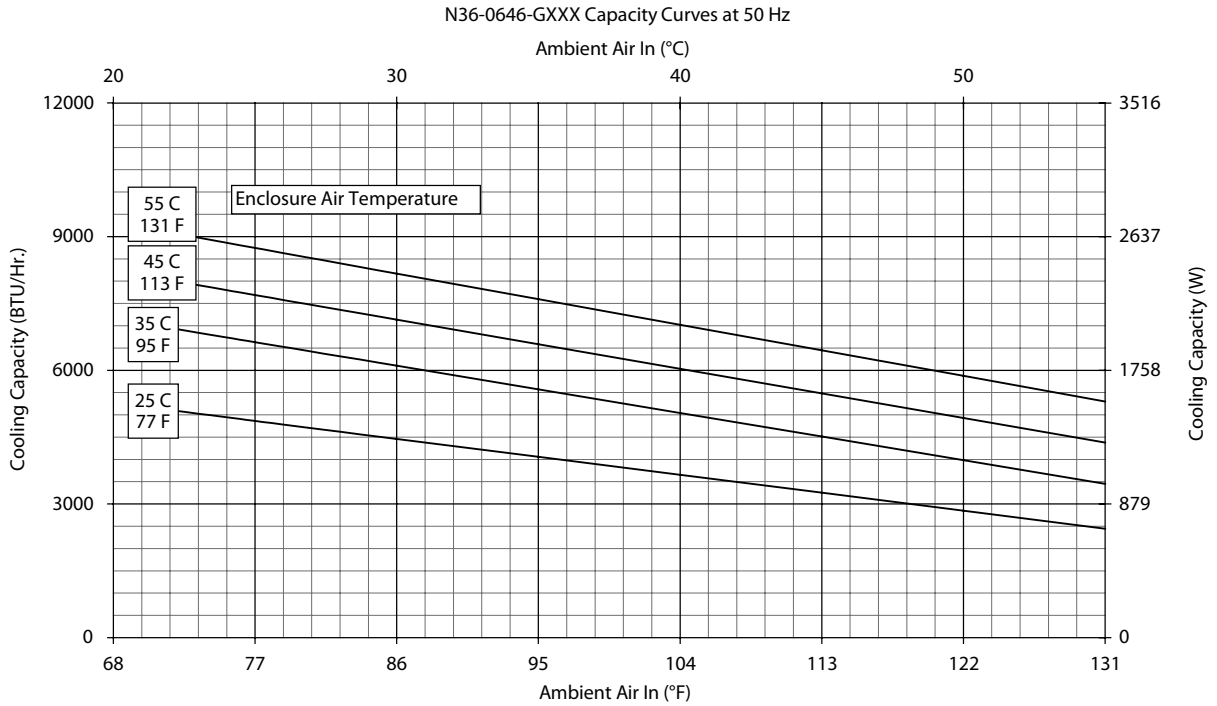
Performance Curves for N36 Models 6000 BTU/Hr. (1758 Watt)



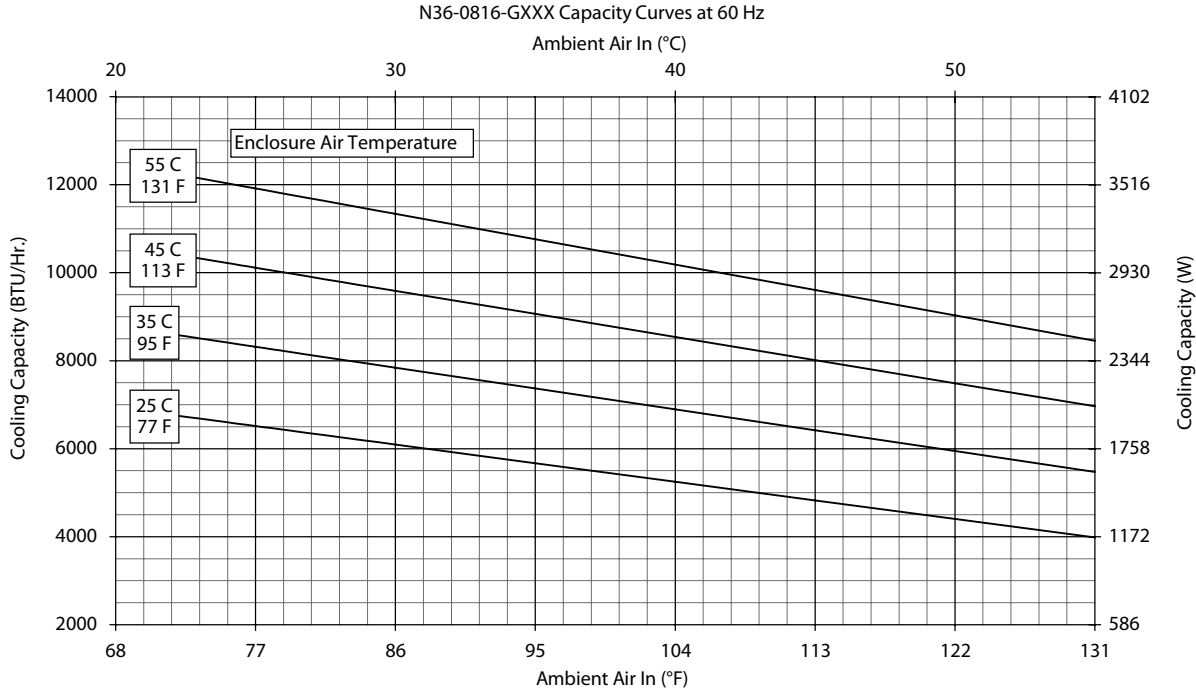
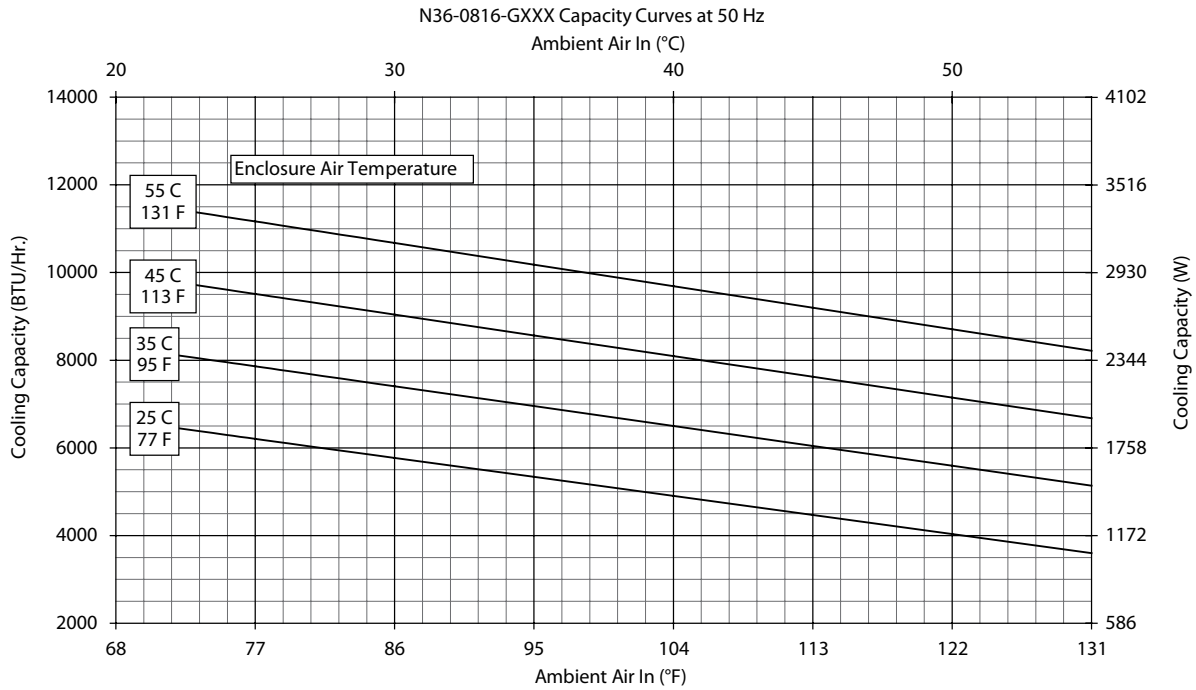
Performance Curves for N36 Models 6000 BTU/Hr. (1758 Watt)



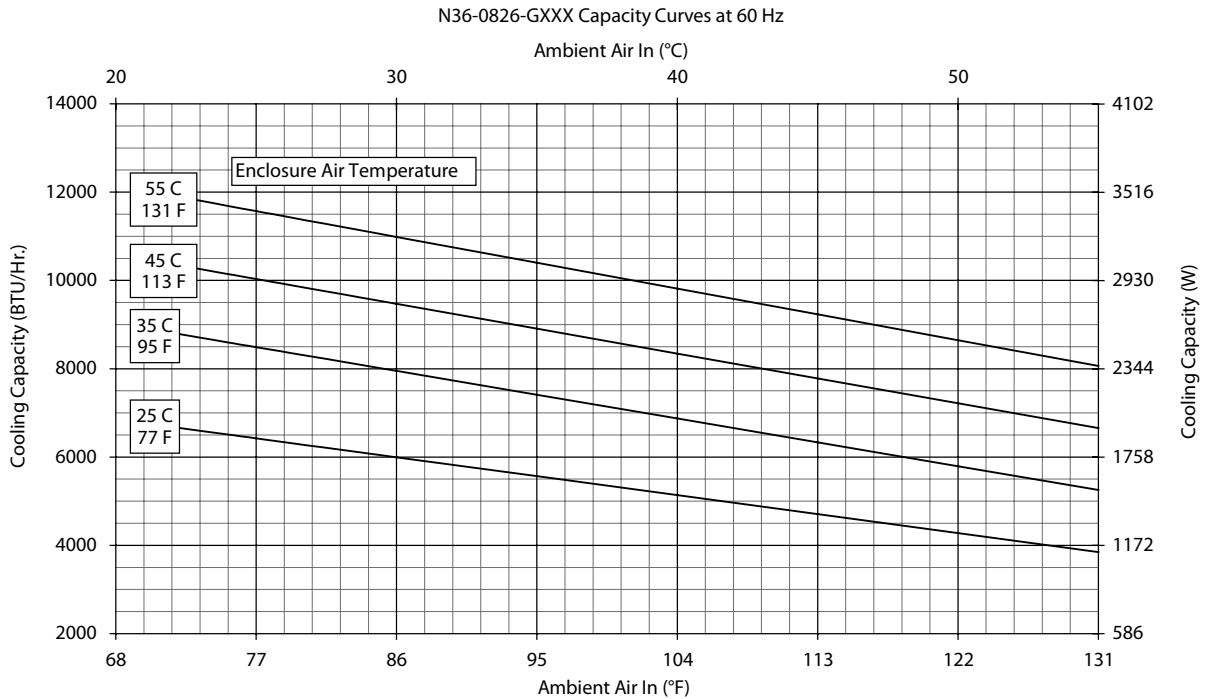
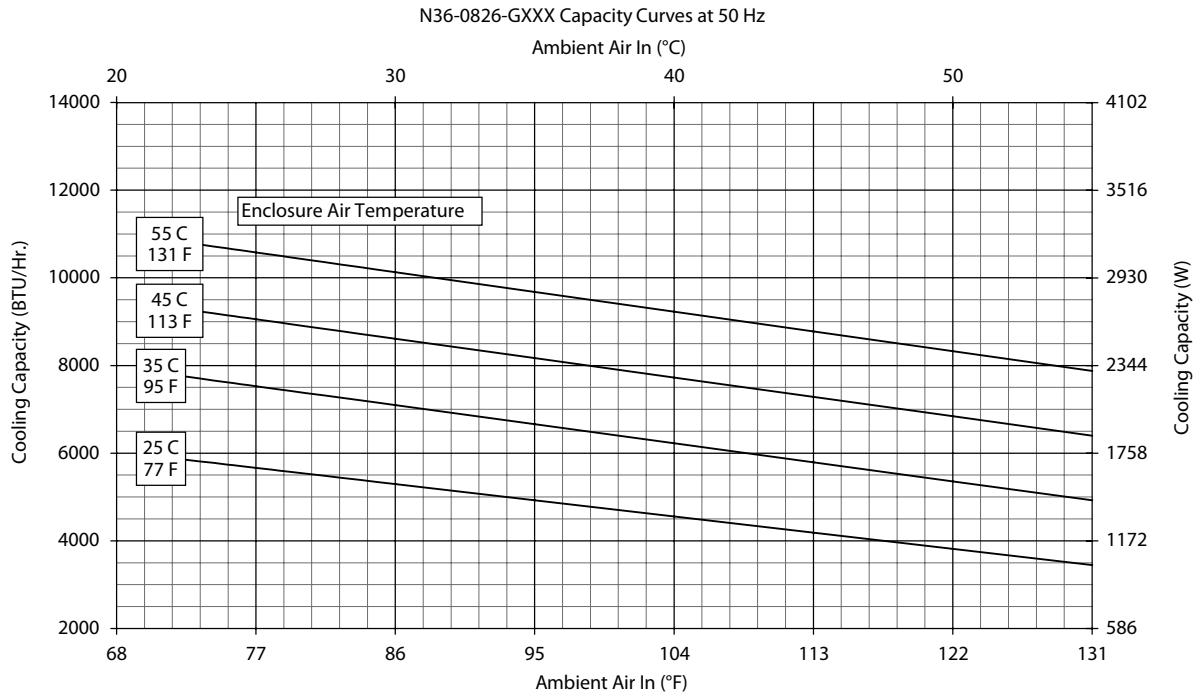
Performance Curves for N36 Models 6000 BTU/Hr. (1758 Watt)



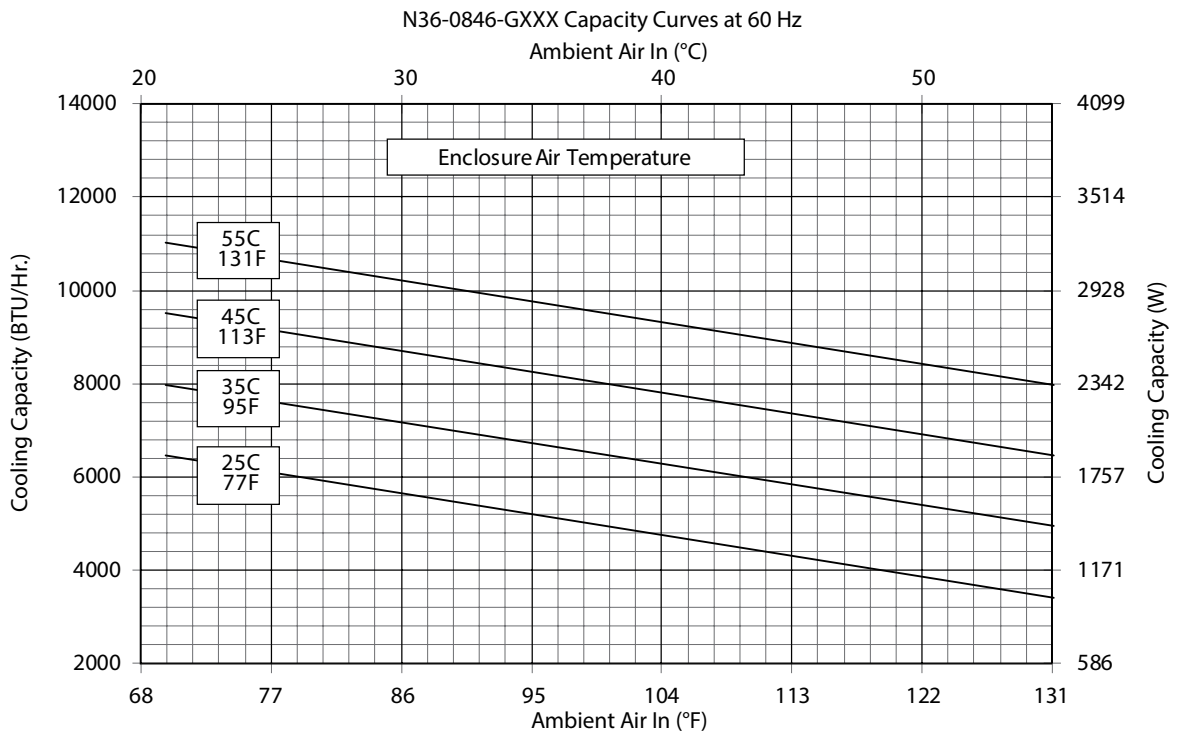
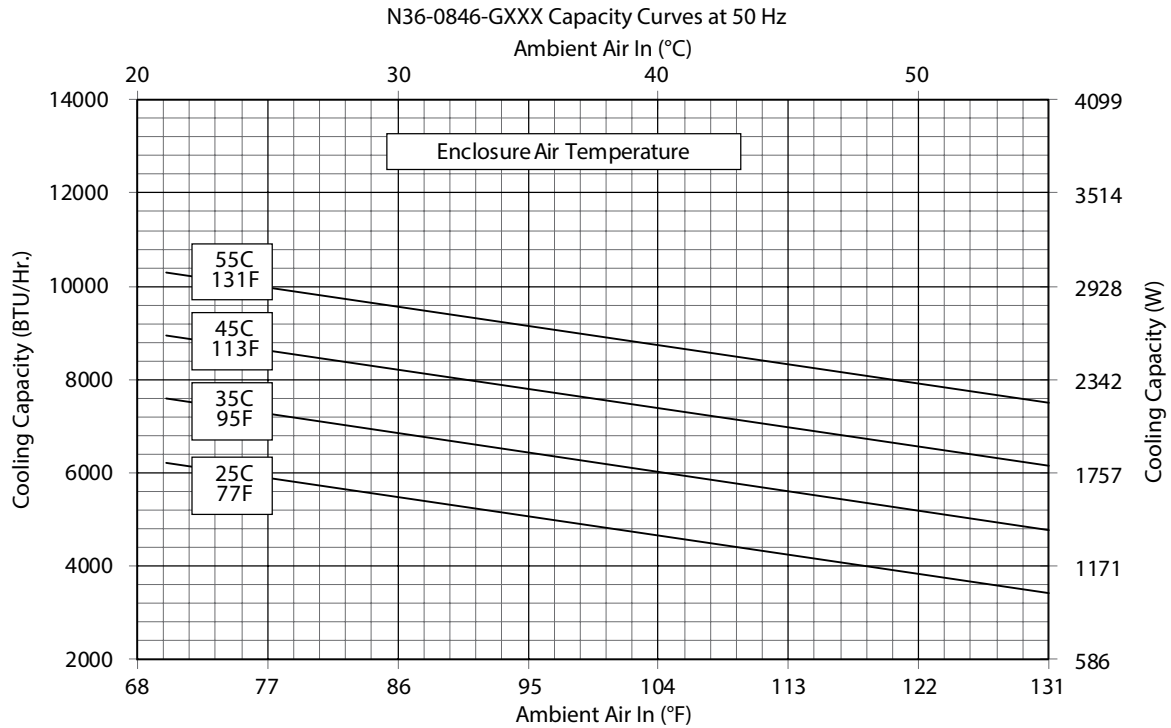
Performance Curves for N36 Models 8000 BTU/Hr. (2344 Watt)



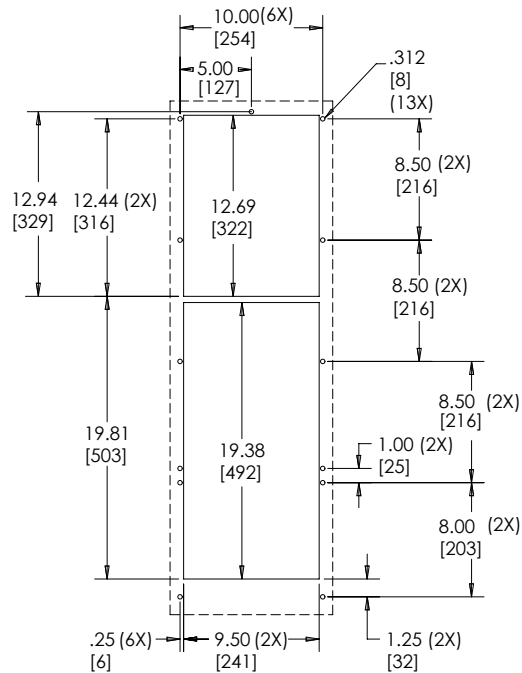
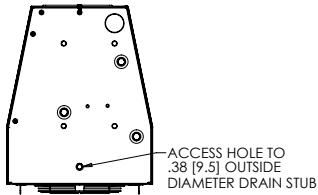
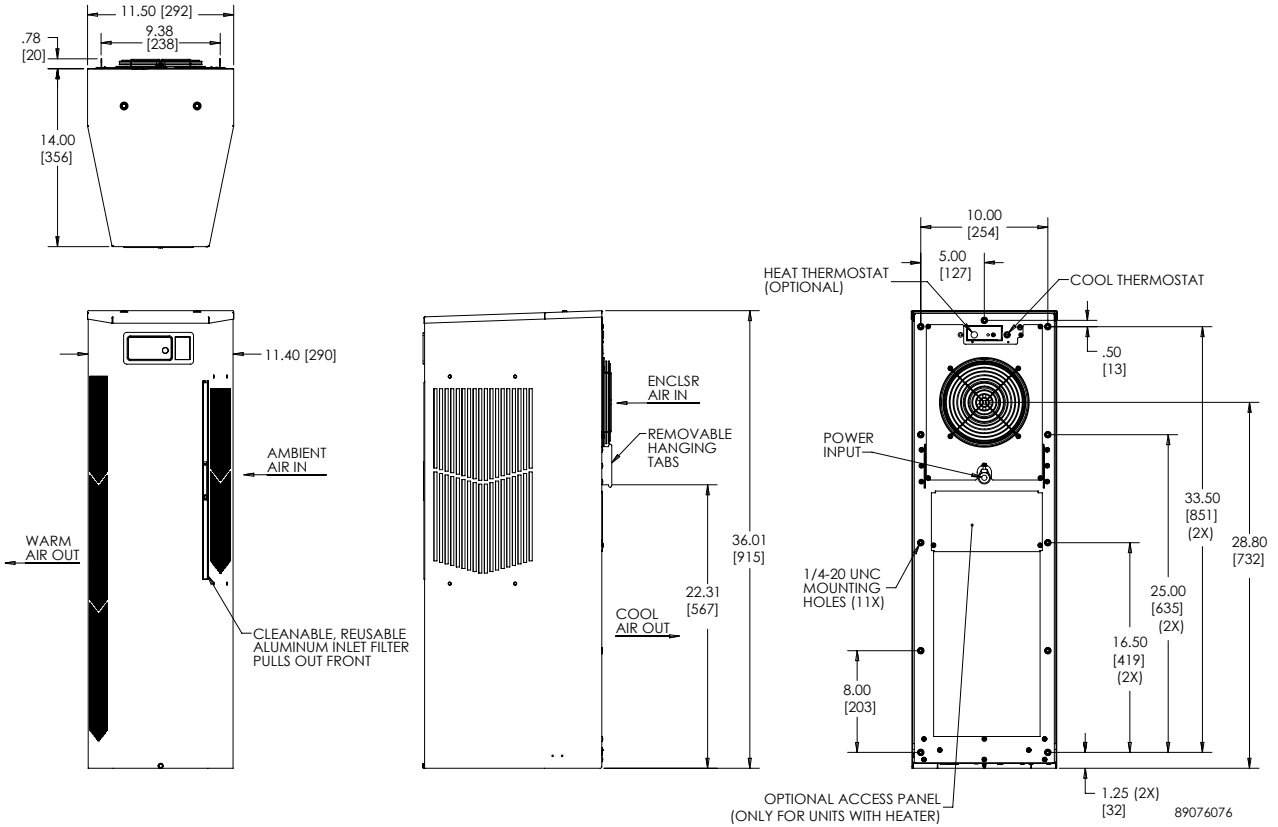
Performance Curves for N36 Models 8000 BTU/Hr. (2344 Watt)



Performance Curves for N36 Models 8000 BTU/Hr. (2384 Watt)



N36 6000/8000 BTU/Hr. (1758/2344 Watt)



Cutout Dimensions

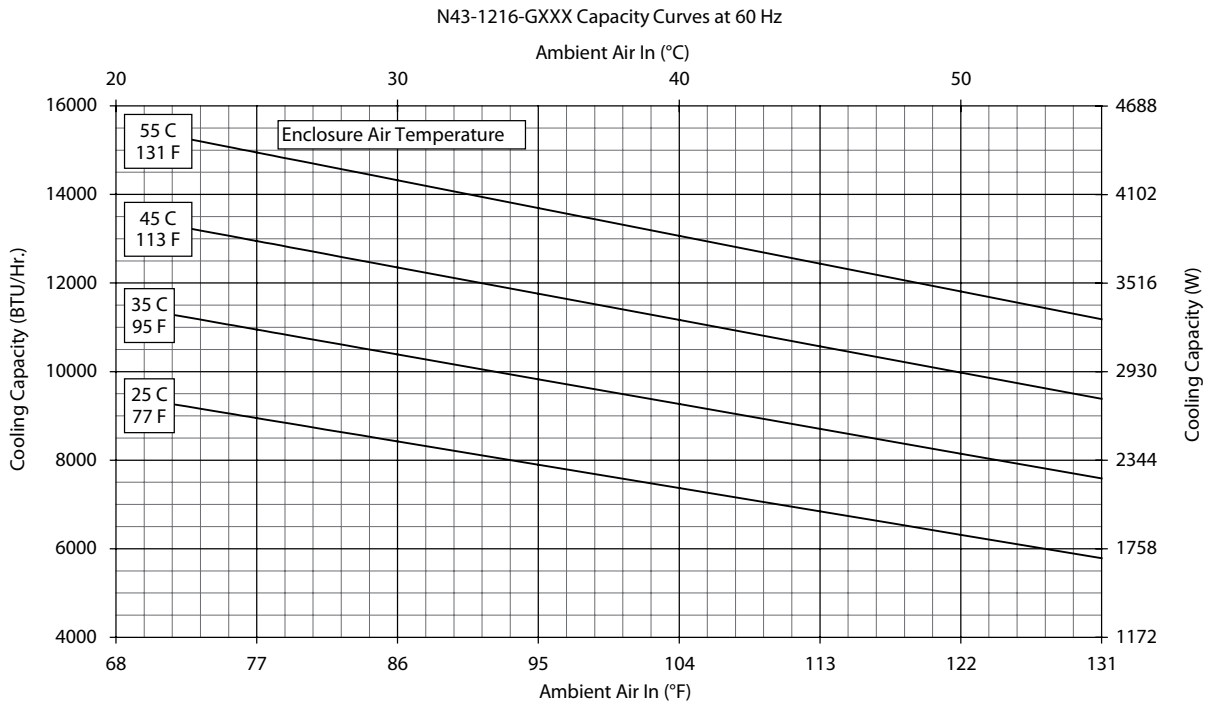
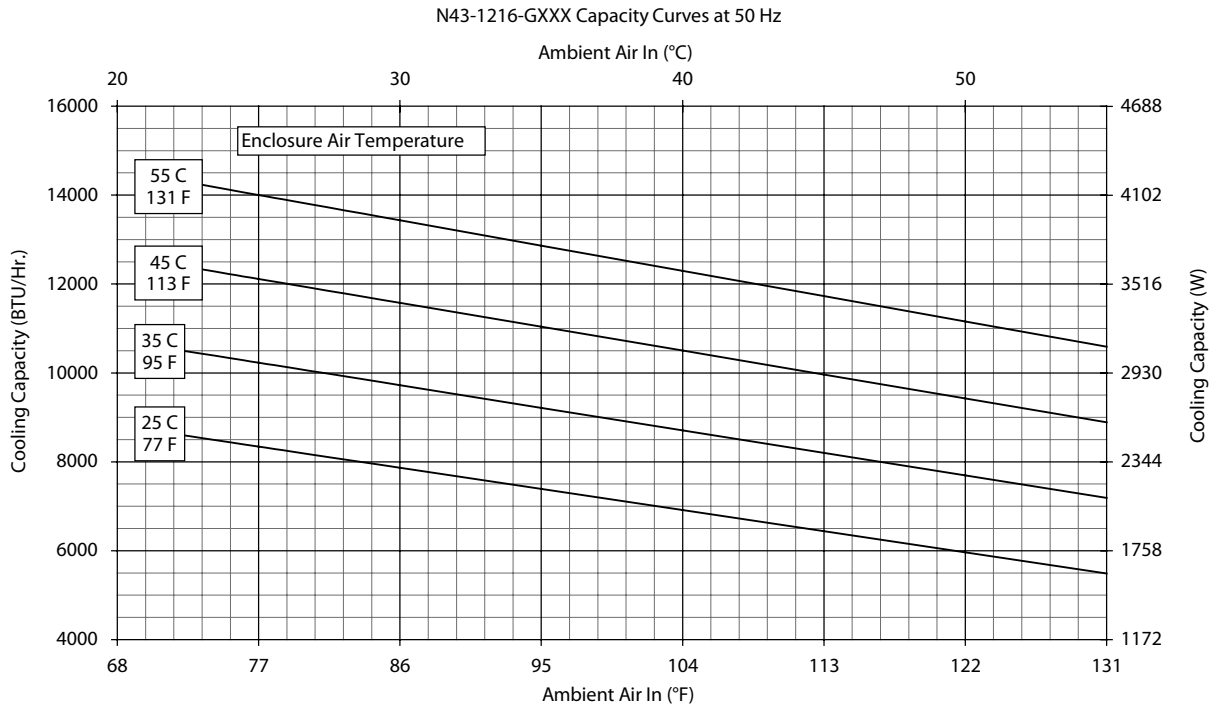
Visit www.nVent.com/HOFFMAN to download 2D and 3D CAD drawings into the overall design of your electrical system.

Performance Data **N43 11000 BTU/Hr. (3223 Watt)**

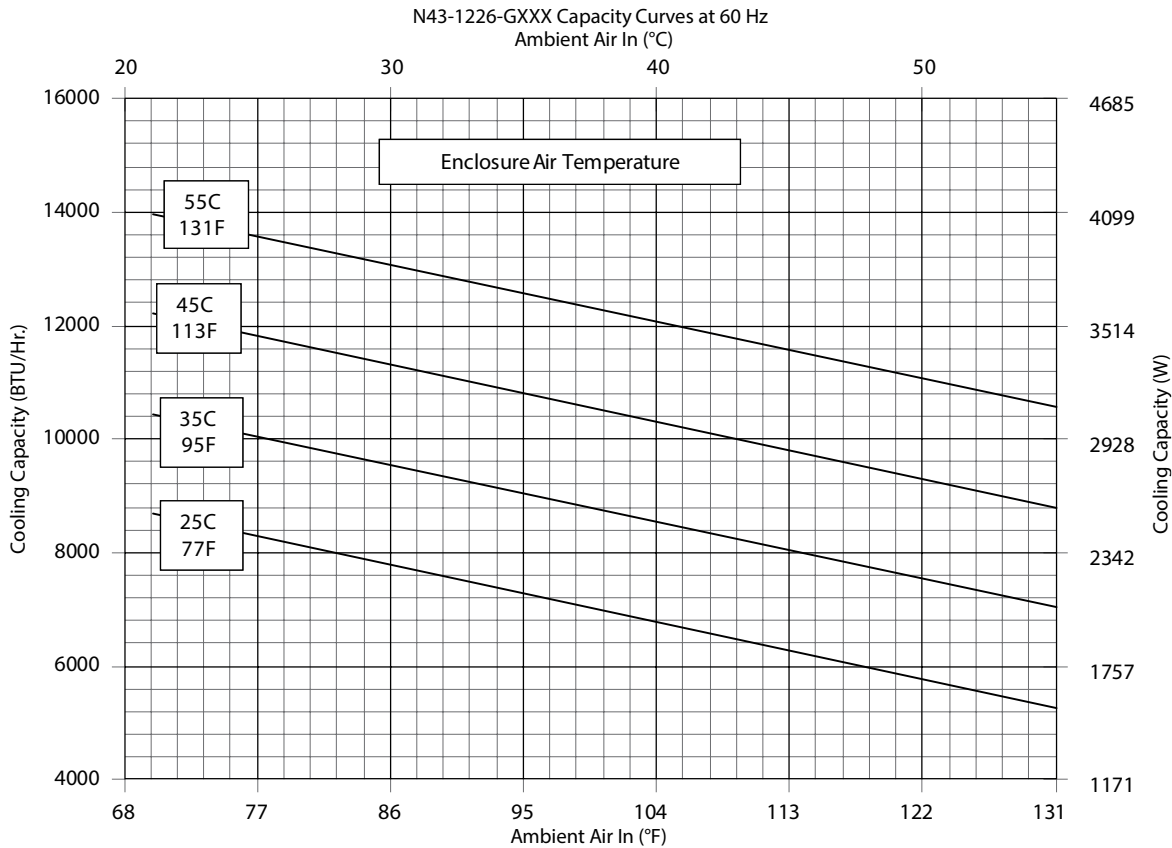
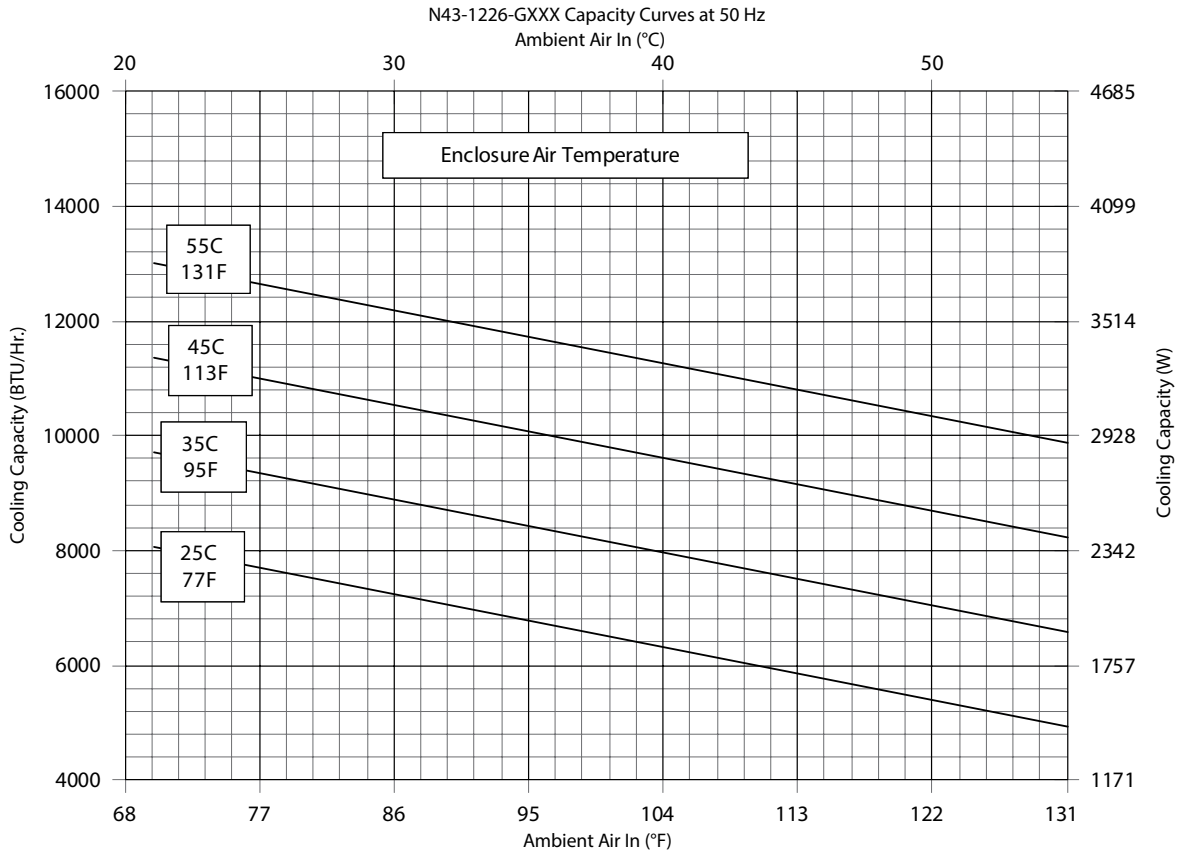
| CATALOG NUMBER | | | |
|--|---------------|---|---------------|
| Indoor Model | N431216G050 | N431226G050 | N431246G050 |
| Indoor Model Stainless Steel Type 4X | N431216G051 | N431226G051 | N431246G051 |
| Indoor Model with Remote Access Control* | N431216G060 | N431226G060 | N431246G060 |
| Outdoor Model without Heat Pkg. | N431216G100 | N431226G100 | N431246G100 |
| Outdoor Model with Heat Pkg. | N431216G150 | N431226G150 | N431246G150 |
| Outdoor Model with Heat Pkg. Stainless Steel Type 4X | N431216G151 | N431226G151 | N431246G151 |
| COOLING PERFORMANCE | | | |
| Nominal: | | | |
| BTU/Hr. | 10400 / 11000 | 10400 / 11000 | 10400 / 11000 |
| Watts | 3047 / 3223 | 2900 / 3223 | 2900 / 3223 |
| At 131 F / 131 F (55 C / 55 C): | | | |
| BTU/Hr. (50 / 60 Hz) | 10588 / 11180 | 9664/10420 | 10864/11756 |
| Watts (50 / 60 Hz) | 3103 / 3277 | 2832/3054 | 3184/3445 |
| At 95 F / 95 F (35 C / 35 C): | | | |
| BTU/Hr. (50 / 60 Hz) | 9475 / 10023 | 8713/9232 | 9384/10474 |
| Watts (50 / 60 Hz) | 2777 / 2937 | 2554/2706 | 2750/3069 |
| Refrigerant | R134a | R134a | R134a |
| Refrigerant Charge (ounces/grams) | 36 / 1021 | 39/1106 | 43/1219 |
| Operating Temperature Range: | | | |
| Maximum (°F / °C) | 131 / 55 | 131 / 55 | 131 / 55 |
| Minimum (°F / °C) | -40 / -40 | -40 / -40 | -40 / -40 |
| Air Flow at 0 Static Pressure: | | | |
| Internal loop 50 Hz (CFM / M ³ /Hr) | 239 / 406 | 259 / 440 | 254 / 432 |
| External loop 50 Hz (CFM / M ³ /Hr) | 494 / 839 | 489 / 831 | 341 / 579 |
| Internal loop 60 Hz (CFM / M ³ /Hr) | 250 / 425 | 267 / 454 | 260 / 442 |
| External loop 60 Hz (CFM / M ³ /Hr) | 528 / 897 | 525 / 892 | 564 / 958 |
| Max. Heater W (Outdoor Models) | 1300 | 1300 | 1300 |
| ELECTRICAL DATA | | | |
| Rated Voltage | 115 | 230 | 400 / 460 3~ |
| Frequency (Hz) | 50 / 60 | 50 / 60 | 50 / 60 |
| Operating Range | +/-10% | +/-10% | +/-10% |
| Max. Power Consumption (Watts at 50 / 60 Hz) | 1802 / 2446 | 1762/2226 | 1678/2107 |
| Max. Nominal Current (Amps at 50 / 60 Hz) | 16.6 / 22.0 | 7.9/10.2 | 3.4/3.6 |
| Starting Current (Amps) | 57 | 30/28 | 20/18 |
| Agency Approvals | | cUL Listed CE Others available upon request | |
| Power Input Description | | Terminal Block | |
| ENCLOSURE PROTECTION | | | |
| UL Type | | Type 12, 3R, 4 Standard Type 4X Stainless Steel Optional | |
| CONTROLLER | | | |
| Description | | Basic Mechanical Thermostat | |
| Thermostat Location | | Enclosure Side | |
| Factory Thermostat Setting (°F / °C) | | 80 / 27 | |
| SOUND LEVEL | | | |
| At 1.5 Meters | 68.4 dBA | 68.4 dBA | 69.6 dBA |
| UNIT CONSTRUCTION | | | |
| Material | | Galvanized sheet metal standard Stainless steel optional | |
| Finish | | RAL 7035 light-gray, semi-textured powder-coat paint standard Other colors available | |
| UNIT DIMENSIONS | | | |
| Height (in / mm) | | 43.00 / 1092.2 | |
| Width (in / mm) | | 11.50 / 292.1 | |
| Depth (in / mm) | | 14.00 / 355.6 | |
| Weight (lb / kg) | 127/57.6 | 127/57.6 | 138/62.6 |

*Units with Remote Access Control utilize a digital controller and communicate via EtherNet/IP, Profinet, Modbus TCP/IP and SNMP over ethernet or modbus RTU over USB.

Performance Curves for N43 Models 11000 BTU/Hr. (3223 Watt)

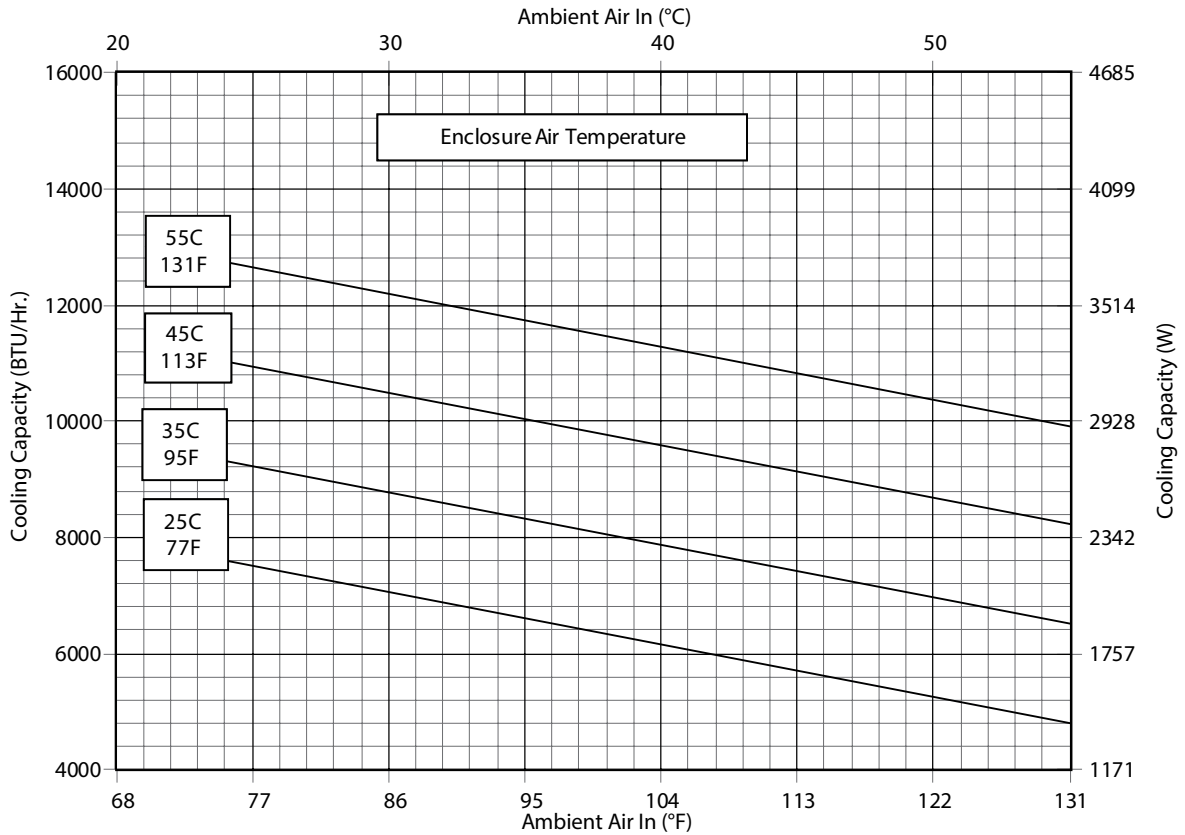


Performance Curves for N43 Models 11000 BTU/Hr. (3223 Watt)

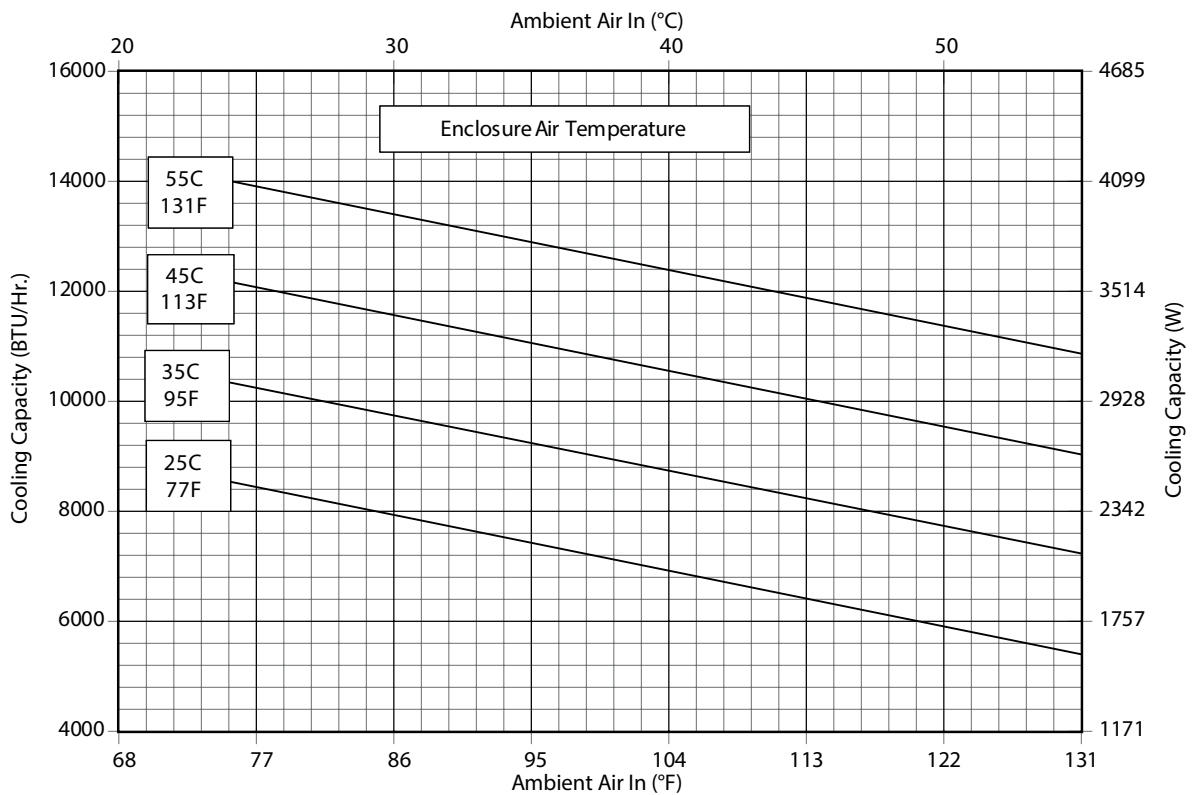


Performance Curves for N43 Models 11000 BTU/Hr. (3223 Watt)

N43-1246-GXXX Capacity Curves at 50 Hz

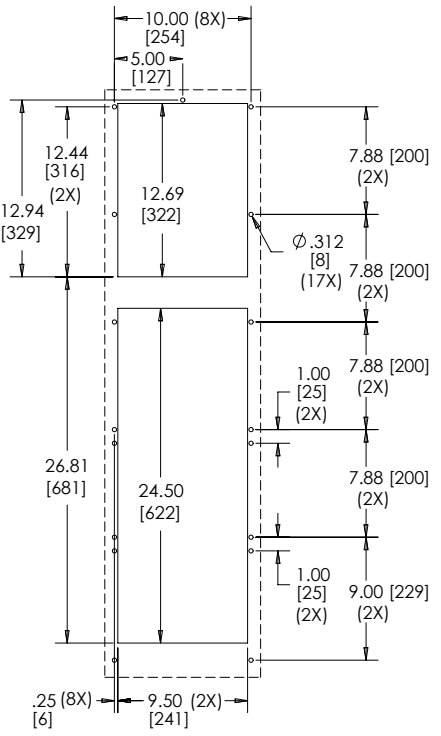
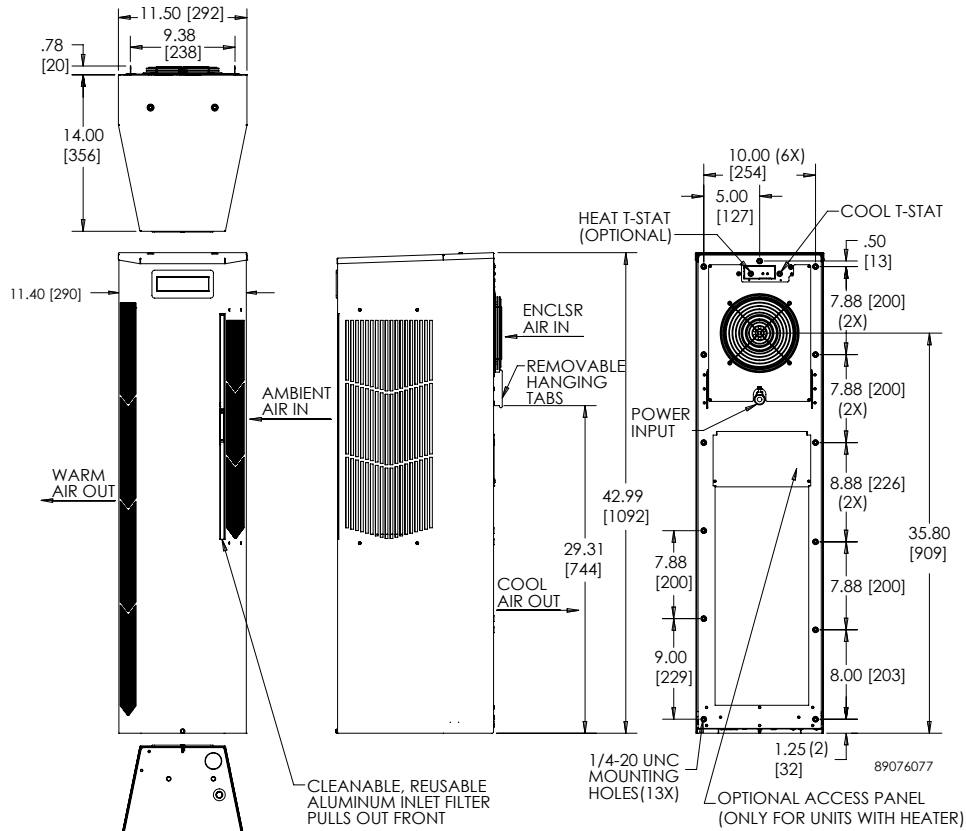


N43-1246-GXXX Capacity Curves at 60 Hz



Visit www.nVent.com/HOFFMAN to download 2D and 3D CAD drawings into the overall design of your electrical system.

N43 12000 BTU/Hr. (3516 Watt)



CUTOUT INSTRUCTIONS