

SPECTRACOOL™**N36 Narrow Indoor/Outdoor Base Models****Features**

- Energy efficient rotary compressor
- R407c and R134a earth-friendly refrigerants and RoHS compliant
- Models for 115, 230 and 400/460 3-phase AC volt 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 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 McLean GENESIS® and T-Series air conditioners, enabling 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 to protect 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

Industry Standards

UL/cUL Listed Type 12, 3R, 4; 4X optional

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

Specifications

- Nominal cooling capacity 6000 & 8000 BTUs/Hr. (1758 and 2344 W)
- Outdoor model operating temperature range from -40 F/-40 C to 131 F/55 C

Finish

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

Notes

Visit www.McLeanCoolingTech.com to download 2D and 3D CAD drawings into the overall design of your electronic system.

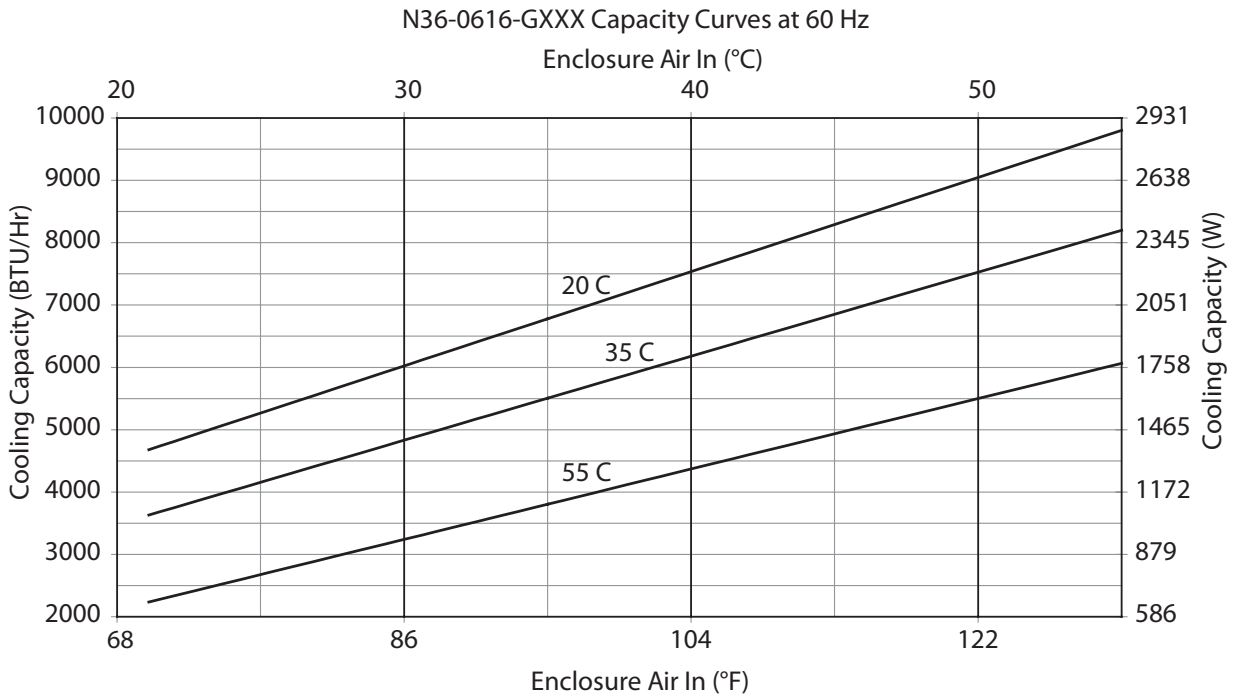
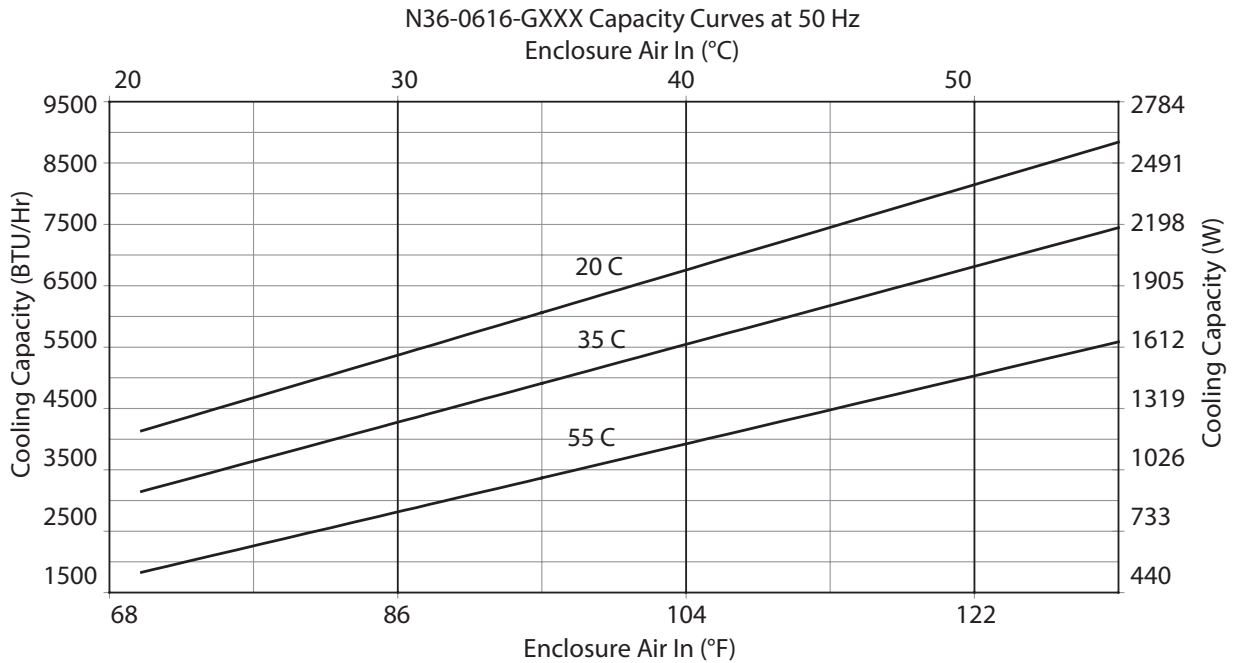
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 Performance Data **N36 6000/8000 BTU/Hr. (1758/2344 W) Models**

CATALOG NUMBER						
Indoor Model	N360616G050	N360626G050	N360646G050	N360816G050	N360826G050	N360846G050
Indoor Model Stainless Steel Type 4X	N360616G051	N360626G051	N360646G051	N360816G051	N360826G051	N360846G051
Outdoor Model without Heat Pkg.	N360616G100	N360626G100	N360646G100	N360816G100	N360826G100	N360846G100
Outdoor Model without Heat Pkg. Stainless Steel Type 4X	N360616G102	N360626G102	N360646G102	N360816G102	N360826G102	N360846G102
Outdoor Model with Heat Pkg.	N360616G150	N360626G150		N360816G150	N360826G150	
Outdoor Model with Heat Pkg. Stainless Steel Type 4X	N360616G151	N360626G151		N360816G151	N360826G151	
COOLING PERFORMANCE						
Nominal:						
BTUs/Hr.	5400 / 6000	5400 / 6000	5400 / 6000	8250 / 8500	7900 / 9000	7800 / 8200
Watts	1581 / 1757	1581 / 1757	1581 / 1757	2416 / 2489	2313 / 2635	2284 / 2401
At 131 F / 131 F (55 C / 55 C):						
BTUs/Hr (50 / 60 Herz)	5585 / 6180	5469 / 5965	5300 / 6089	8213 / 8453	7874 / 8063	7777 / 8166
Watts (50 / 60 Herz)	1637 / 1811	1603 / 1748	1553 / 1785	2405 / 2475	2306 / 2361	2277 / 2391
At 95 F / 95 F (35 C / 35 C):						
BTUs/Hr (50 / 60 Herz)	4909 / 5485	5159 / 5621	5572 / 6026	7028 / 7626	6660 / 7411	6877 / 7525
Watts (50 / 60 Herz)	1439 / 1607	1512 / 1647	1633 / 1766	2058 / 2233	1950 / 2170	2014 / 2203
Refrigerant	R134a	R134a	R134a	R134a	R134a	R134a
Refrigerant Charge (ounces/grams)	20 / 567	22 / 624	16 / 454	36 / 1021	36 / 1021	36 / 1021
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
ELECTRICAL DATA						
Rated Voltage	115	230	400 / 460 3~	115	230	400 / 460 3~
Frequency (Hertz)	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	572 / 628
Max. Nominal Current (Amps at 50 / 60 Hz)	9.1 / 10.1	4.5 / 4.7	1.59 / 1.69	11.6 / 13.3	1265 / 1403	572 / 628
Starting Current (Amps)	39.2	23	8.1	48.3	27	16
Agency Approvals	cUL Listed CE Others available upon request					
Power Input Description						
ENCLOSURE PROTECTION						
UL Type	Type 12 / 3R / 4 Standard 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					
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

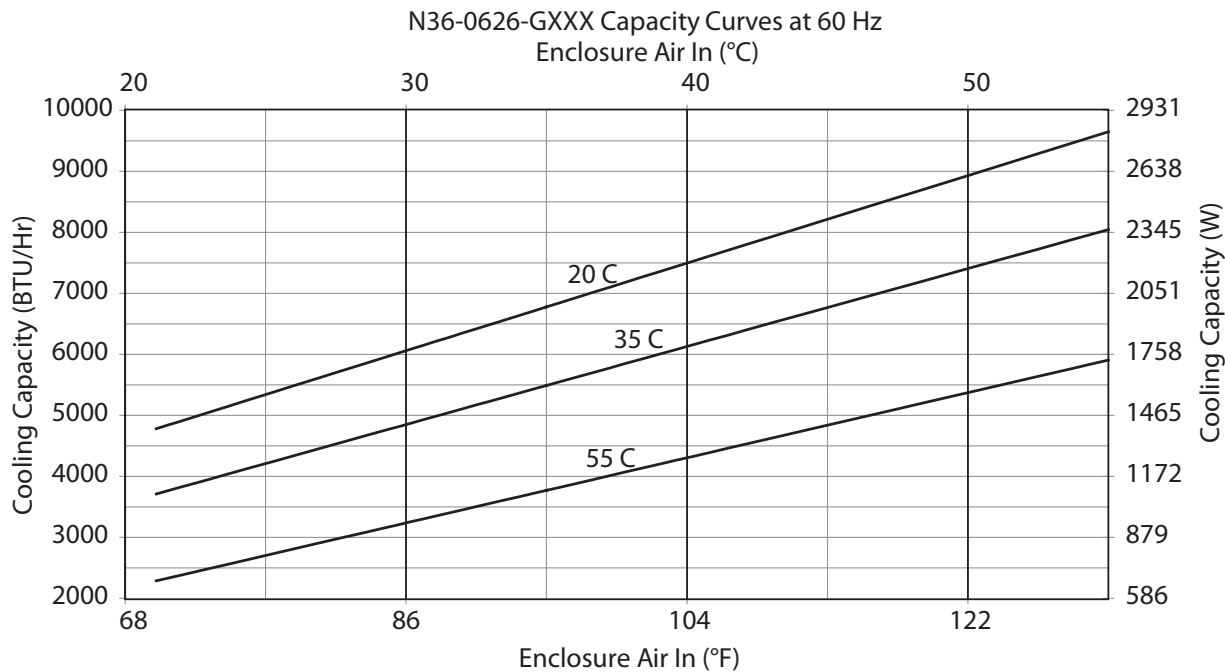
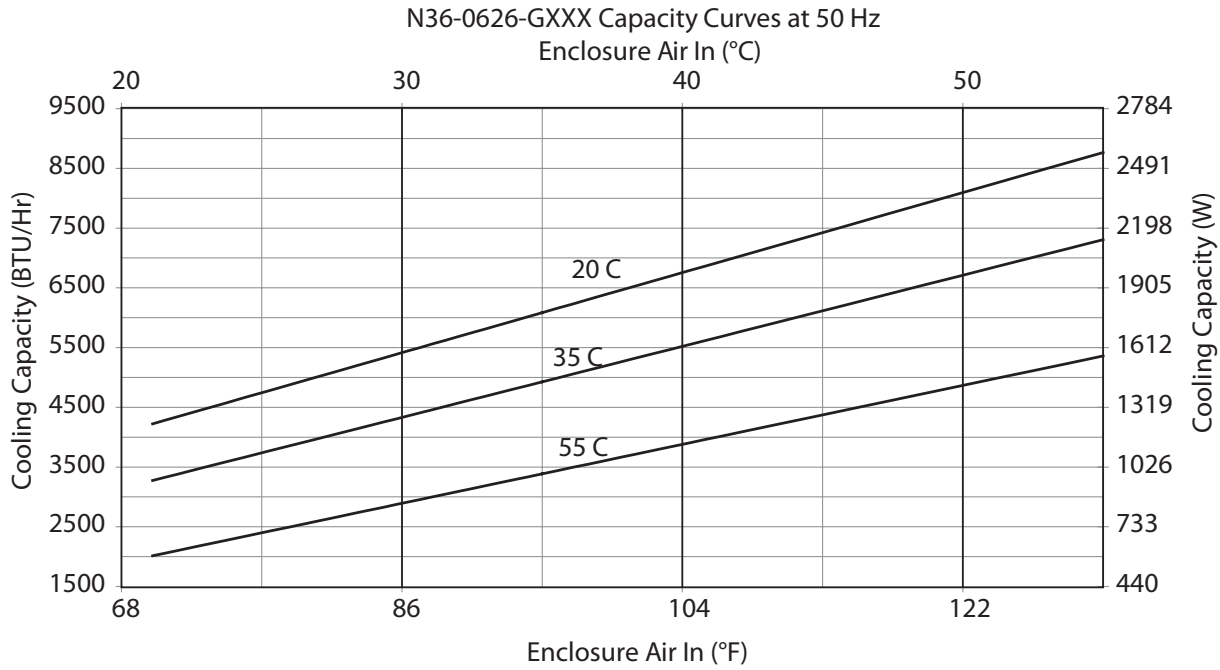
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Performance Curves for N36 Models 6000 BTU/Hr. (1758 Watt)



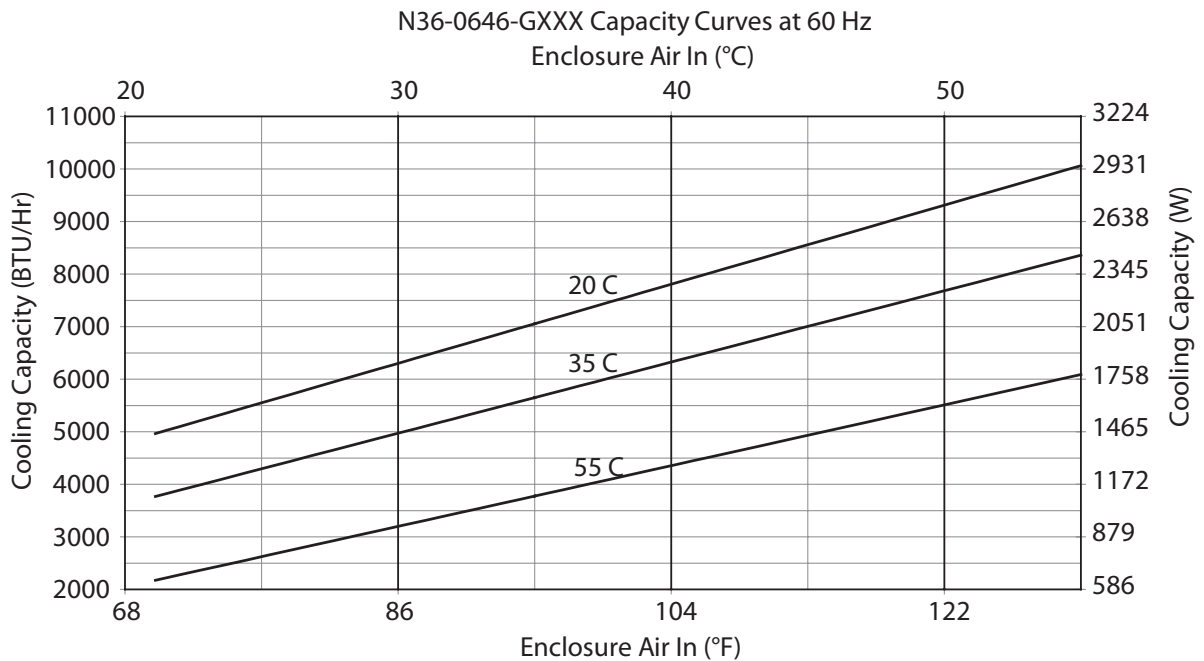
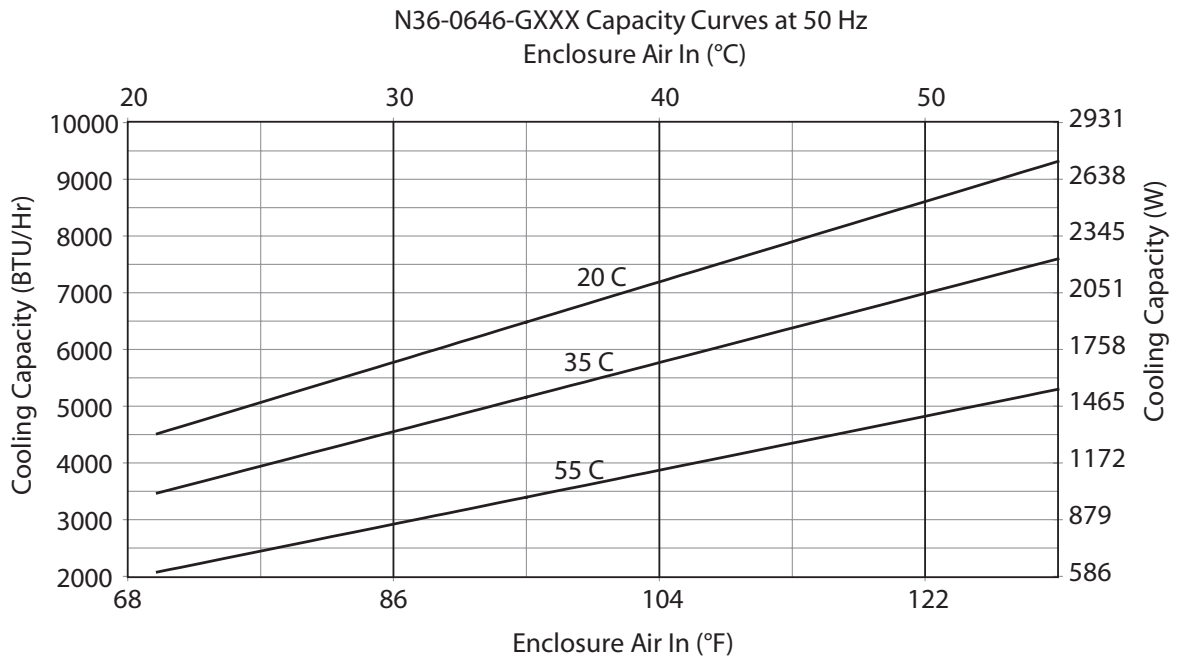
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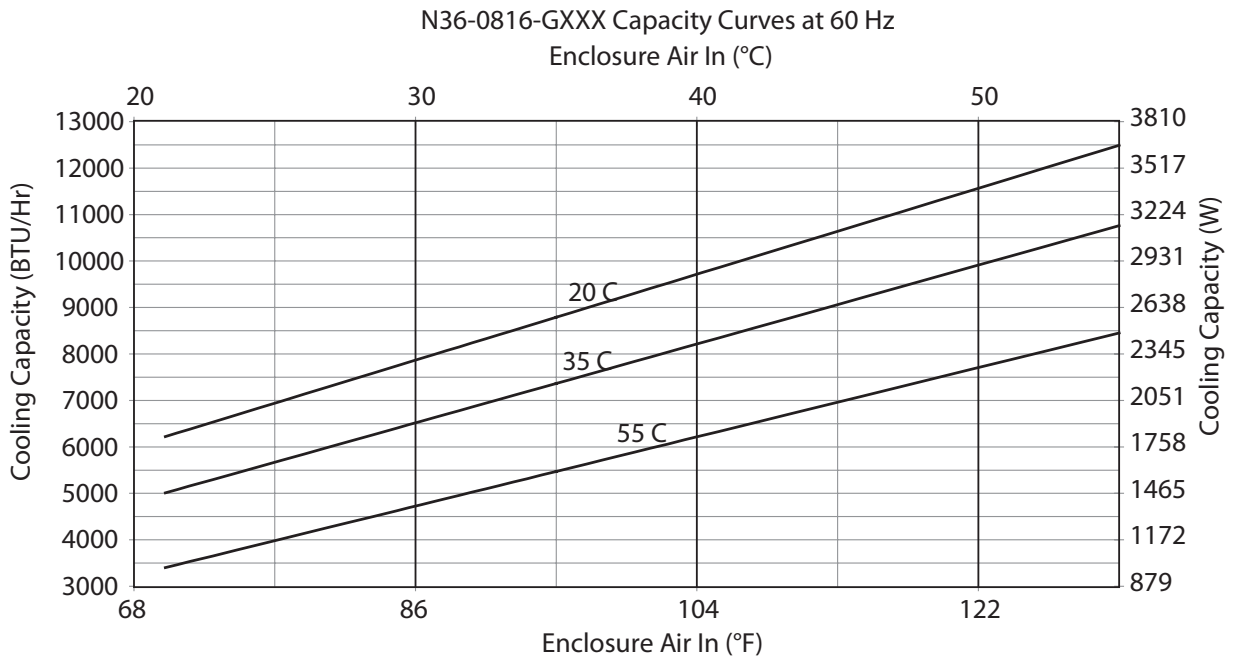
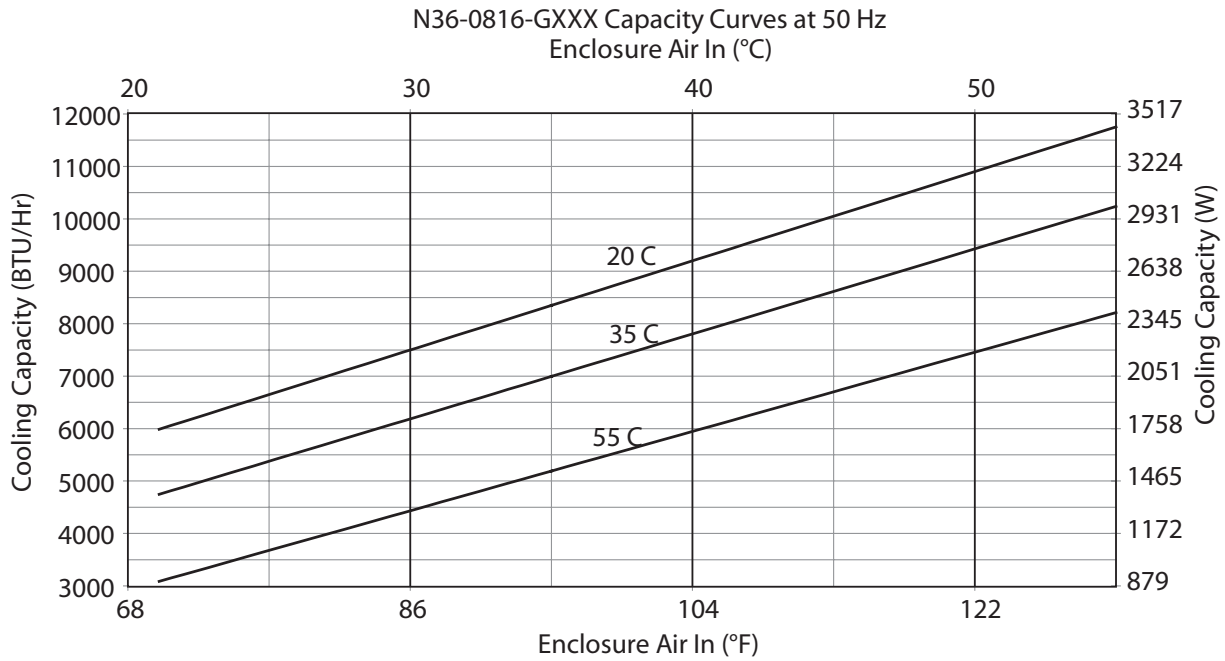
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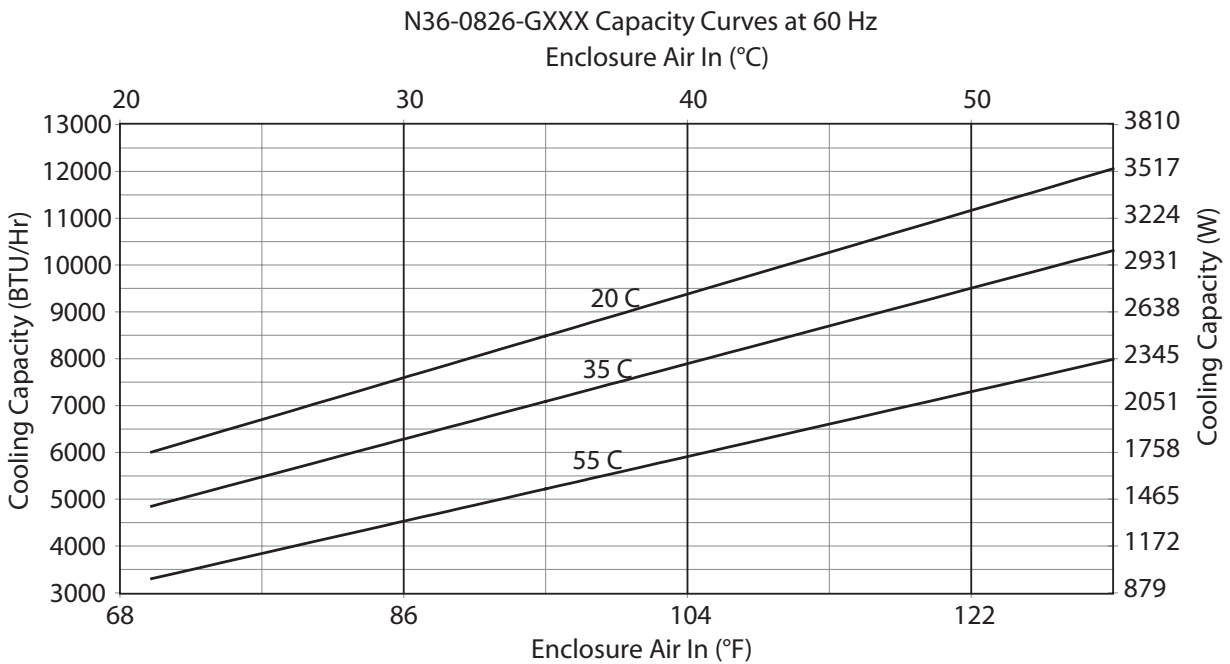
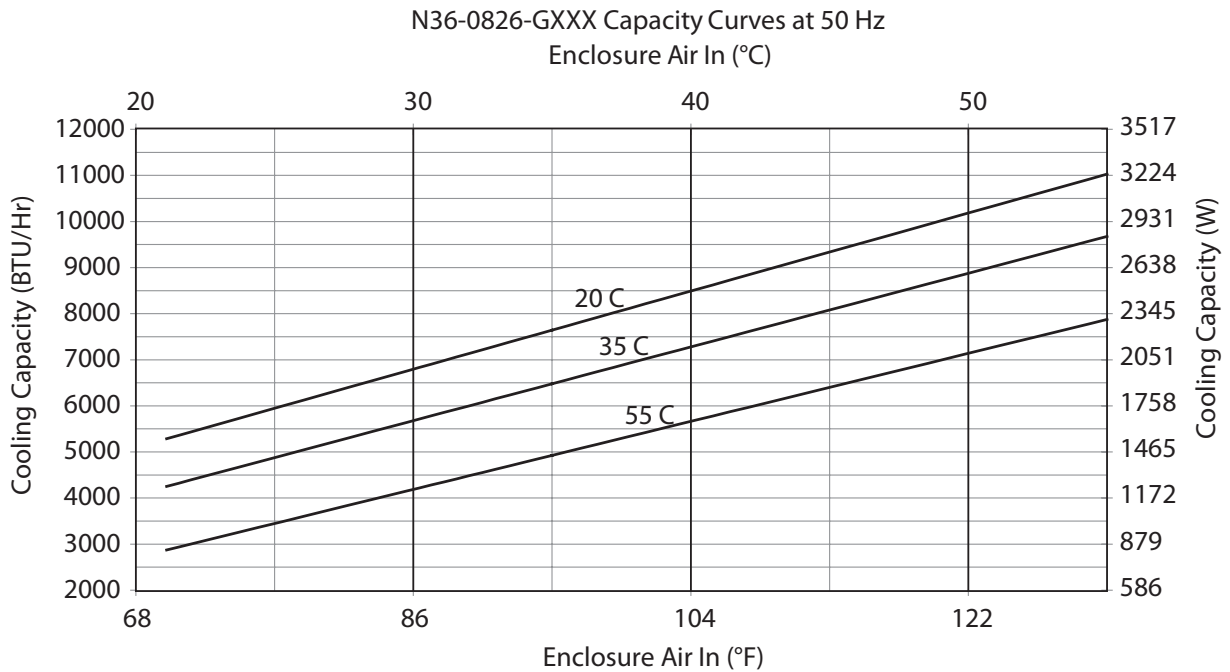
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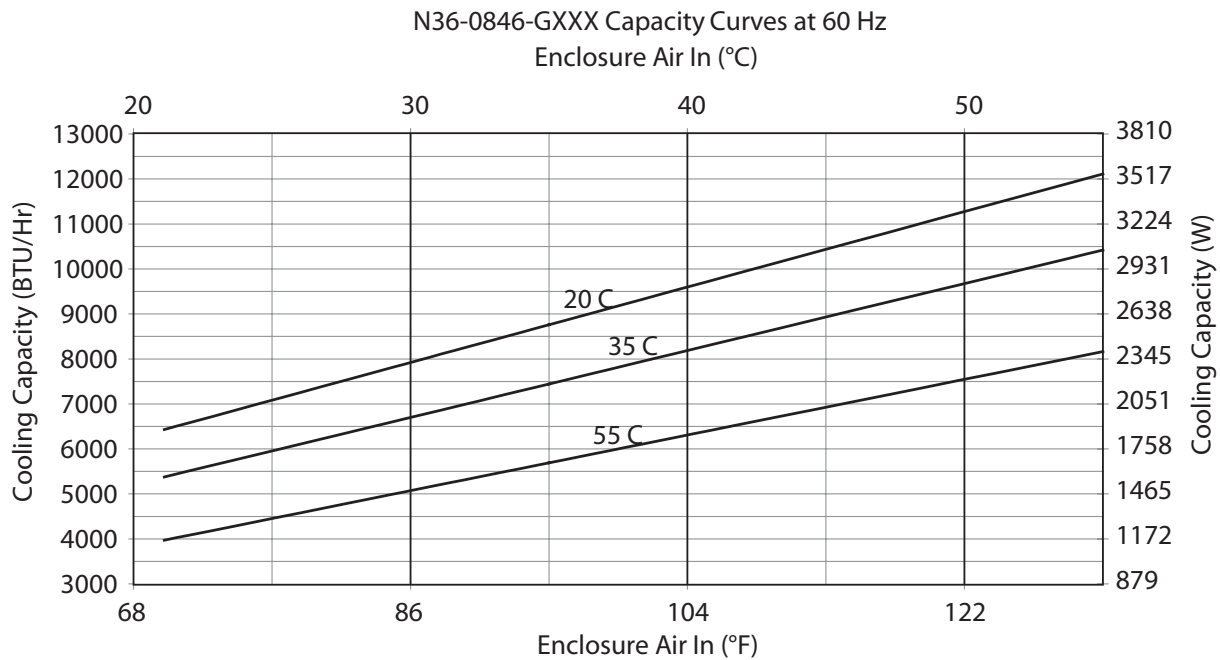
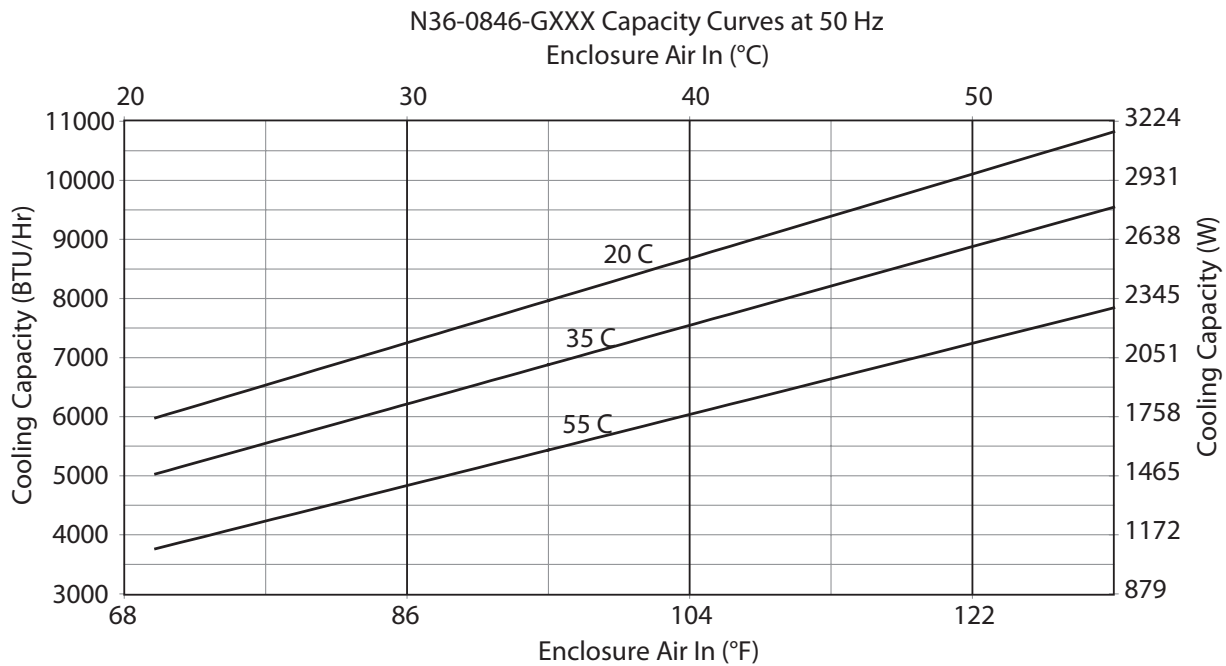
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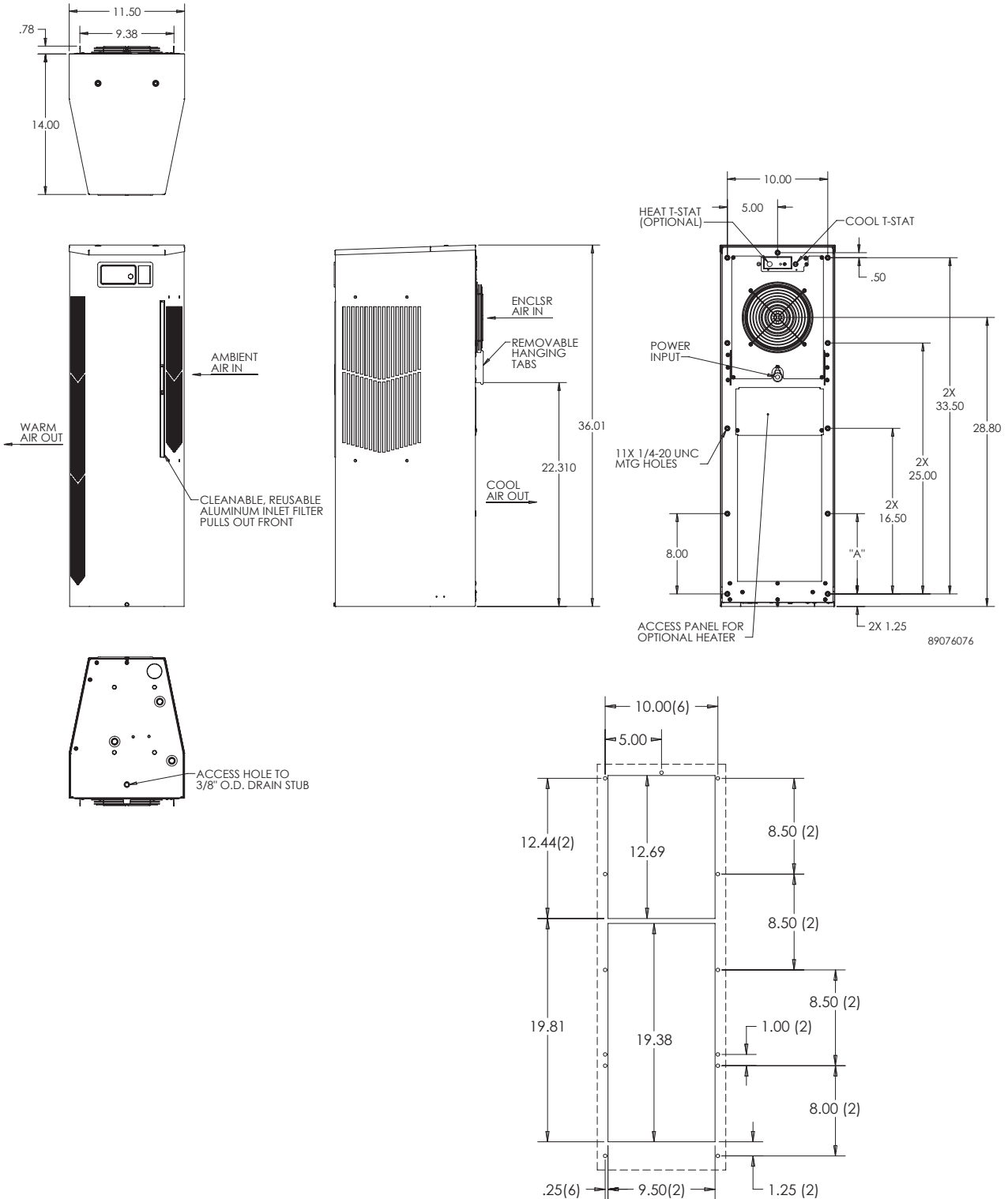
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CUTOUT INSTRUCTIONS

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Notes