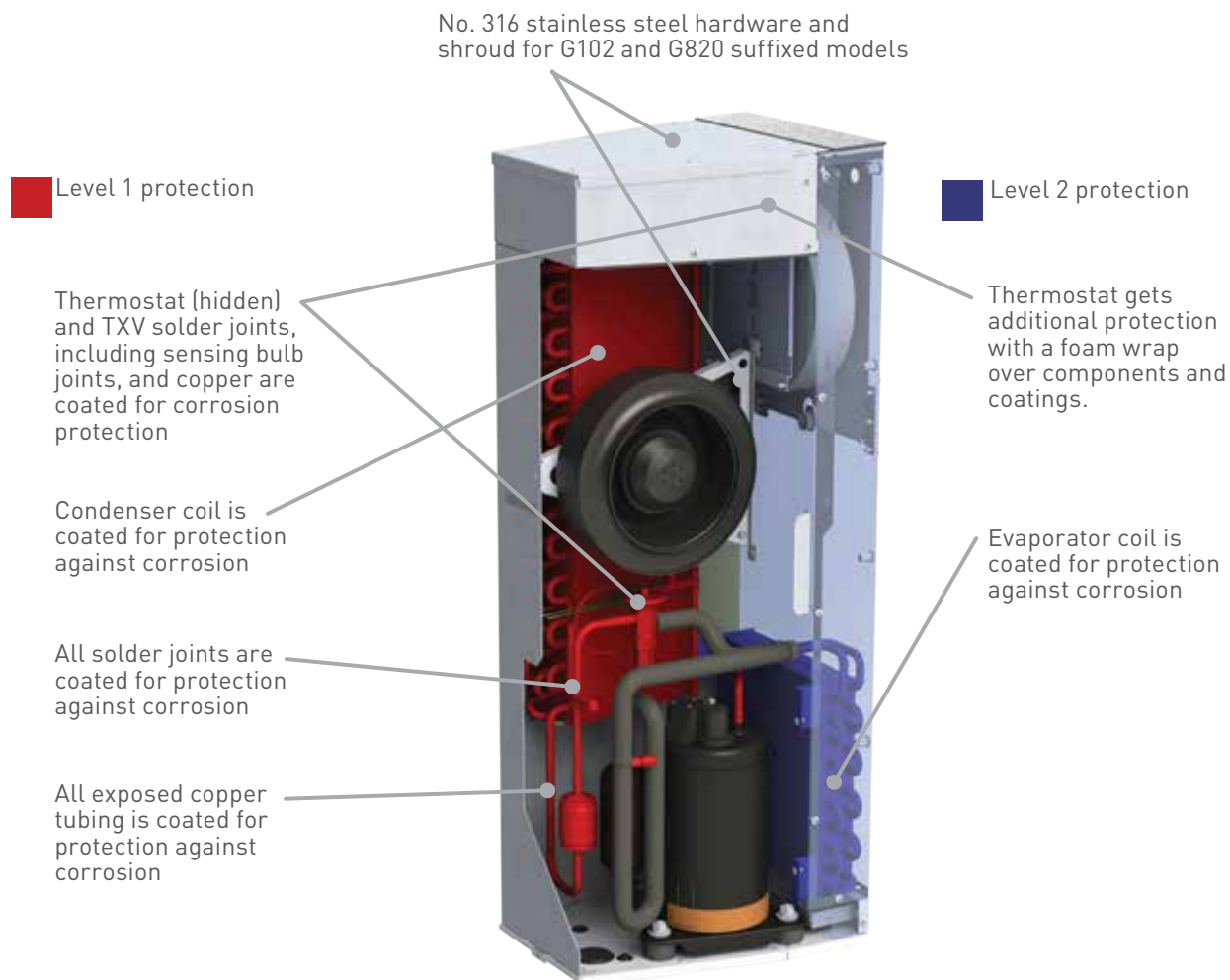


SPECTRACOOOL NARROW WITH ADVANCED CORROSION PROTECTION OVERVIEW

SPECTRACOOOL Corrosion Protection Solutions provide the industry leading corrosion protection to components critical to the performance of the air conditioner. For applications where air conditioners are exposed to harsh, corrosive, chemical elements. Hoffman utilizes advanced coatings to protect the critical components, extending their life and optimizing the extended performance level of the product.



SPECTRACOOL NARROW WITH ADVANCED CORROSION PROTECTION COMPACT



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
Reference performance data tables for agency approvals applied to each model.

APPLICATION

- Oil and gas
- Water treatment facilities
- Chemical manufacturing
- Industrial automation
- Package handling equipment
- Security and defense systems

FEATURES

- Two levels of corrosion protection:
 - Level 1 - Protective coatings on all exposed copper tubing and solder joints, condenser coil and thermostat.
 - Level 2 - All protective coatings in Level 1 plus a coated evaporator coil. Foam wrap added over protective coatings on thermostat.
- 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 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 models 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
- No. 4 brushed 316 stainless steel
- Other colors and textures available

NOTES

Visit <http://hoffman.nvent.com/en/hoffman/SPECTRACOOL-Remote-Access-Control-472042> for more information regarding SPECTRACOOL Remote Access Control (RAC).

Visit <https://hoffman.nvent.com/en/hoffman/thermal-management> to download 2D and 3D CAD drawings into the overall design of your electrical system.

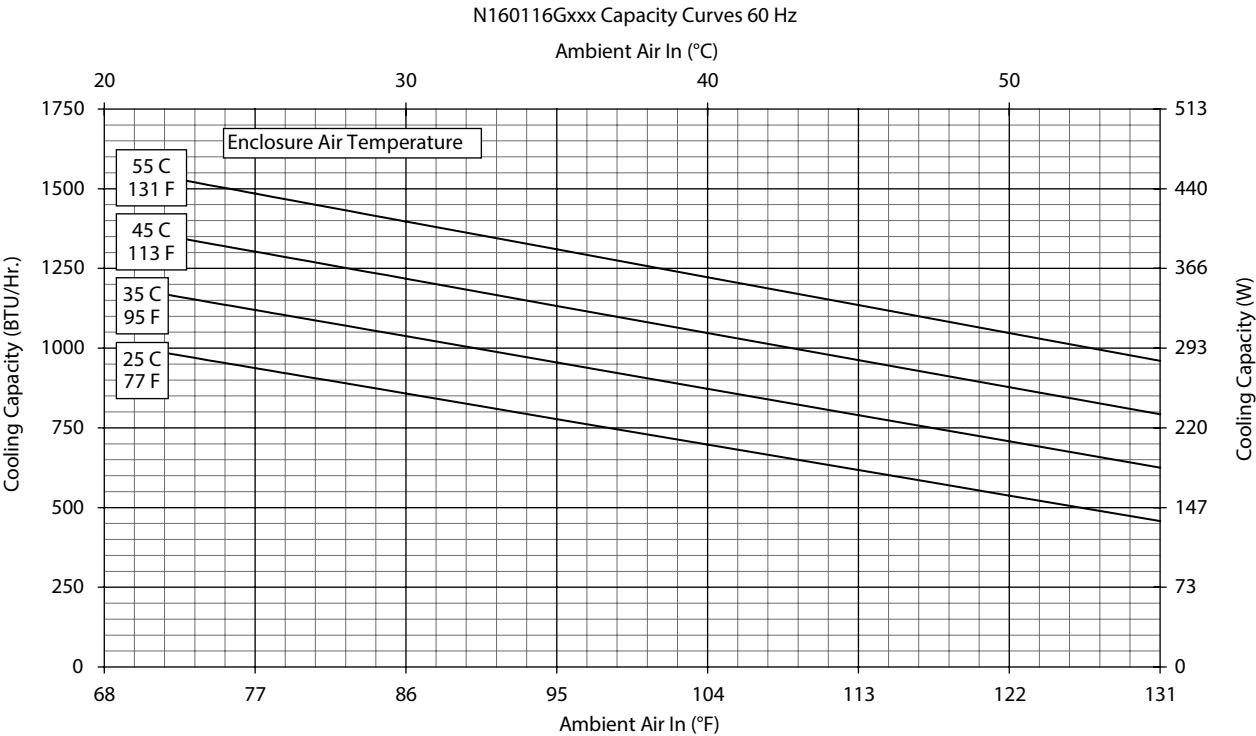
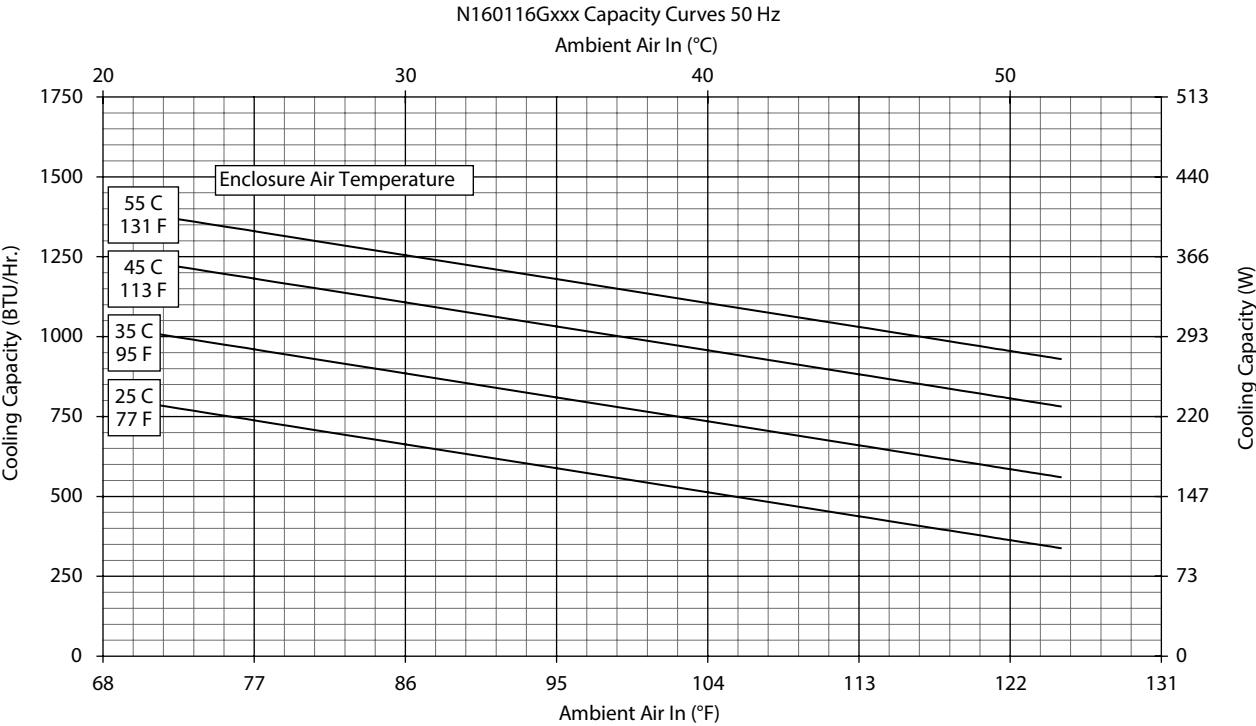
Performance Data **N16 800 BTU/Hr. (234 Watt) Models**

CATALOG NUMBER		
Level 1 Painted Galvanized - G700	N160116G700	N160126G700
Level 1 Stainless Steel 316 - G102	N160116G102	N160126G102
Level 2 Painted Galvanized - G800	N160116G800	N160126G800
Level 2 Painted with Remote Access Control - G360*	N160116G360	N160126G360
Level 2 Stainless Steel 316 - G802	N160116G802	N160126G802
COOLING PERFORMANCE		
Nominal:**		
BTU/Hr.	800	800
Watts	234	234
At 131 F/131 F (55 C/55 C):		
BTU/Hr. (50/60 Hz)	NA/819	920/960
W (50/60 Hz)	NA/240	270/281
At 95 F/95 F (35 C/35 C):		
BTU/Hr. (50 /60 Hz)	770/948	810/955
W (50/60 Hz)	226/278	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 / m³/hr.)	25/42	25/42
External loop 50 Hz (CFM / m³/hr.)	48/82	48/82
Internal loop 60 Hz (CFM / m³/hr.)	30/51	30/51
External loop 60 Hz (CFM / m³/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)	3.8/3.7	1.6/1.6
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 DIMENSIONS		
Height (in./mm)	16.51/419	
Width (in./mm)	7.52/191	
Depth (in./mm)	6.30/160	
Weight (lb./kg)	27/12	

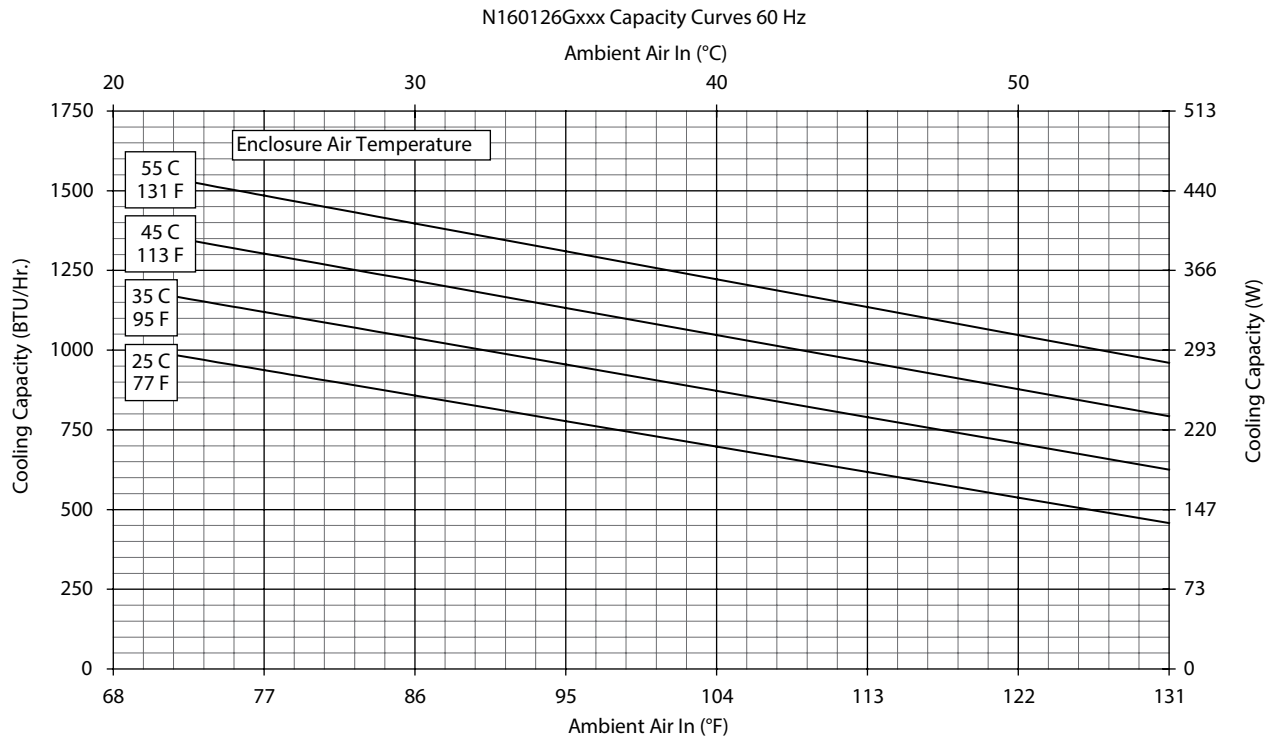
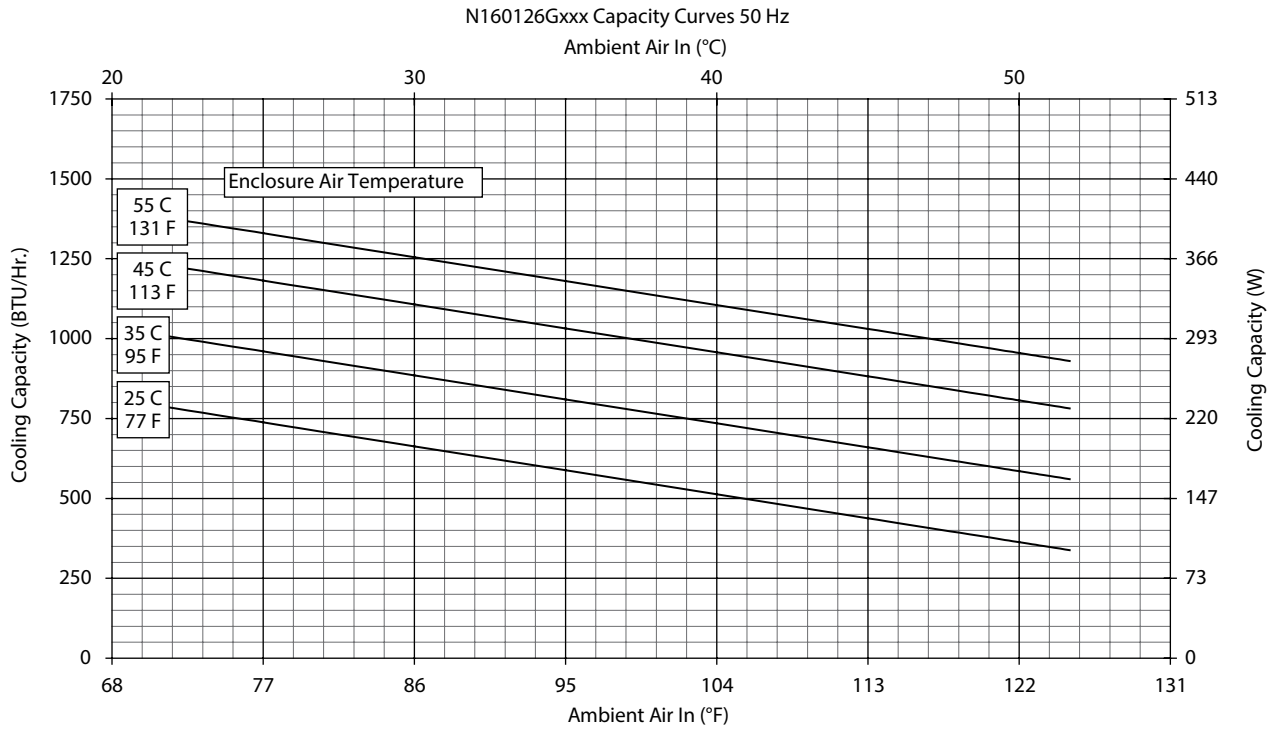
*Units with Remote Access Control utilize a digital controller and communicate via EtherNet/IP, Profinet, Modbus TCP/IP and SNMP over ethernet or modbus RTU over USB.

**Performance values are nominal. For actual values, see performance curves.

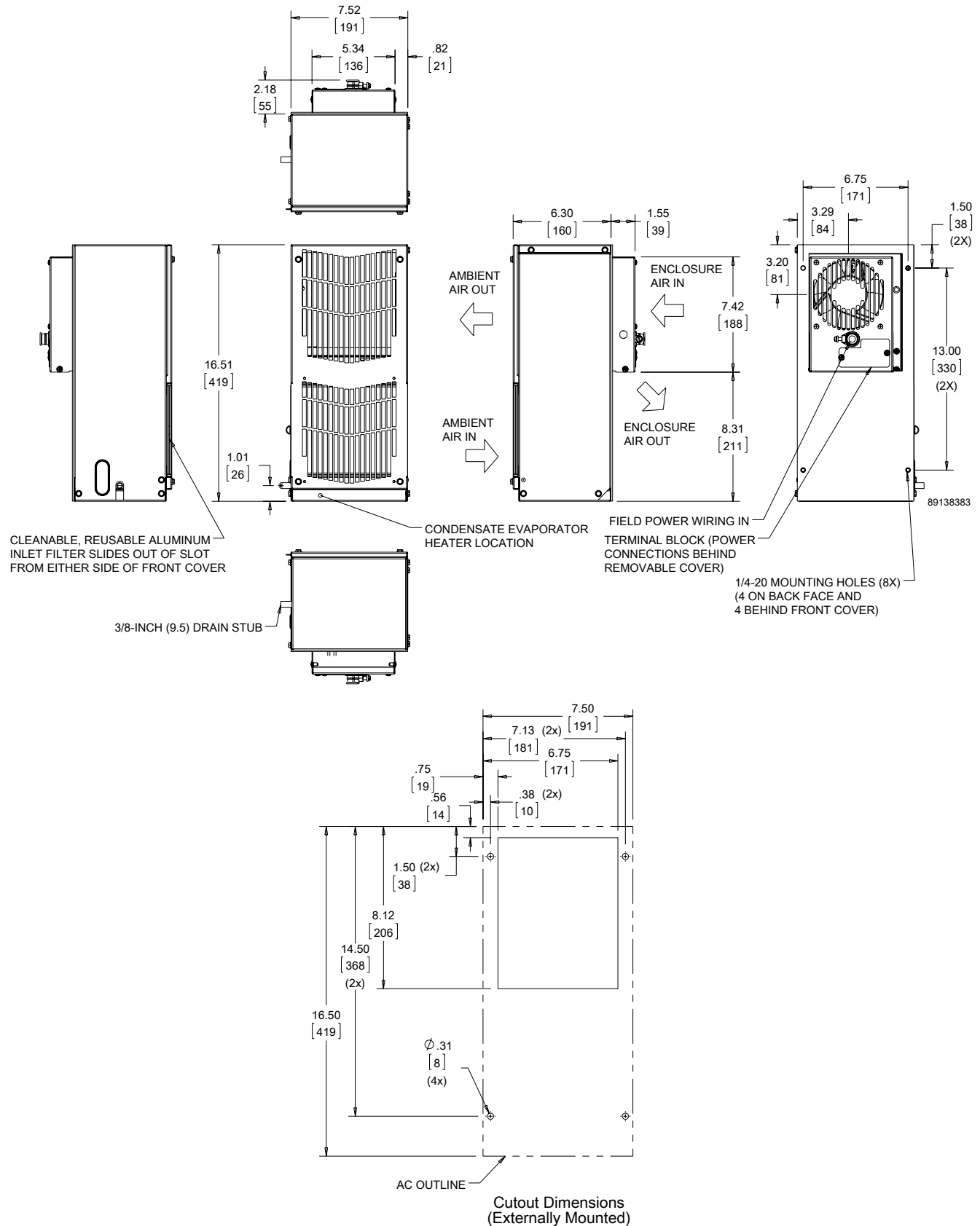
Performance Curves for N16 Models 800 BTU/Hr. (234 Watt)



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



N16 800 BTU/Hr. (234 Watt)



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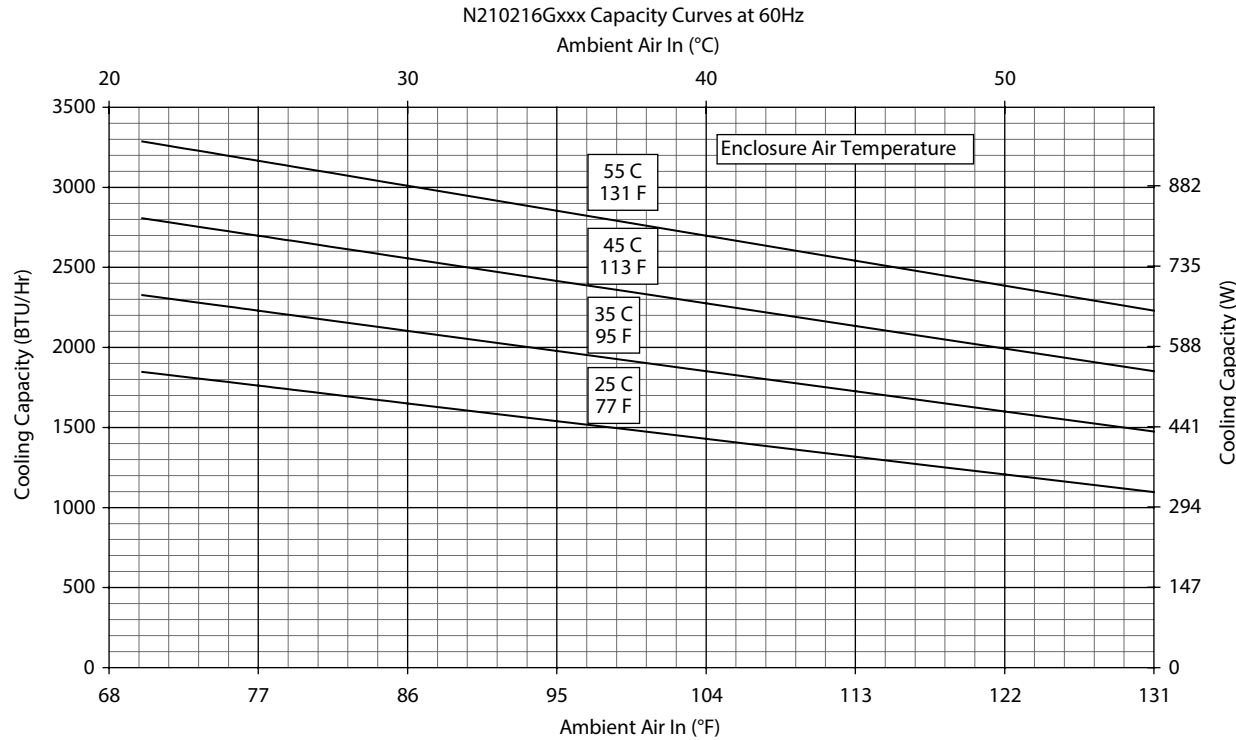
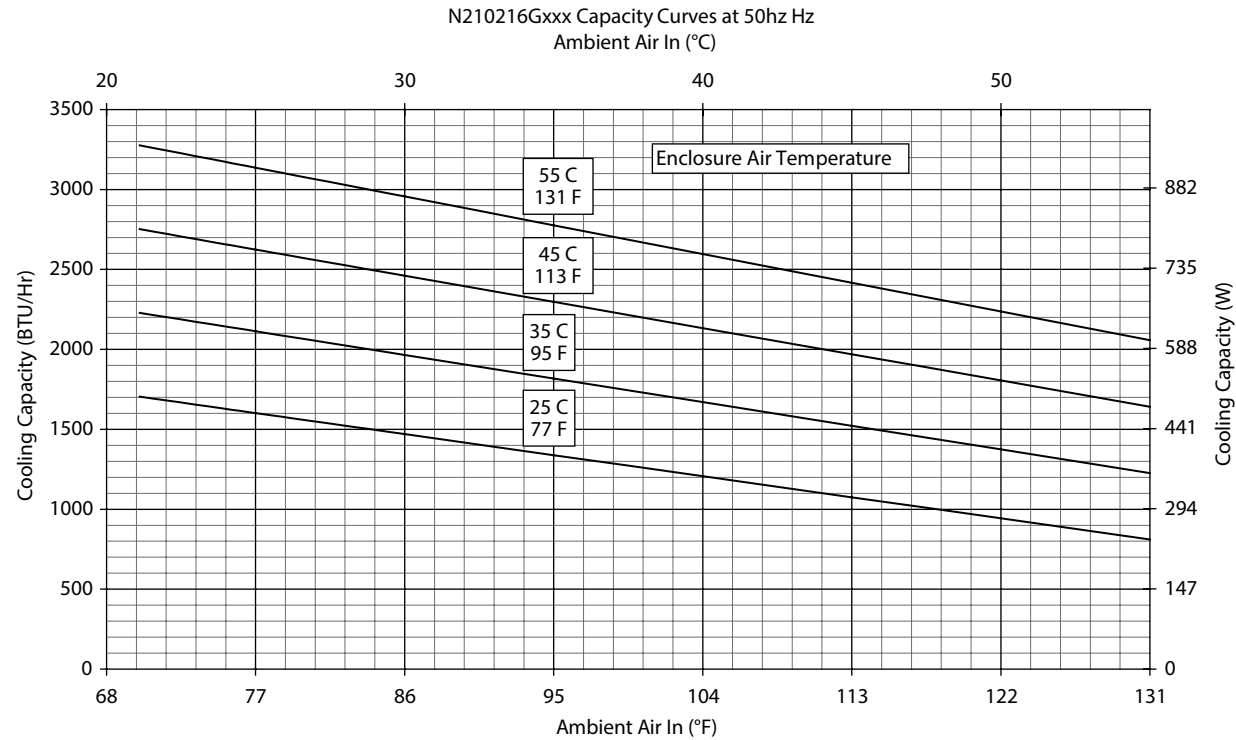
Performance Data N21 2000 BTU/Hr. (586 Watt) Models

CATALOG NUMBER			
Level 1 Painted Galvanized - G700	N210216G700	N210226G700	N210246G700
Level 1 Stainless Steel 316 - G102	N210216G102	N210226G102	N210246G102
Level 2 Painted Galvanized - G800	N210216G800	N210226G800	N210246G800
Level 2 Painted with Remote Access Control - G360*	N210216G360	N210226G360	N210246G360
Level 2 Stainless Steel 316 - G802	N210216G802	N210226G802	N210246G802
COOLING PERFORMANCE			
Nominal:**			
BTU/Hr.	2000	2000	2000
Watts	586	586	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 / m³/hr.)	77/131	77/131	77/131
External loop 50 Hz (CFM / m³/hr.)	150/255	150/255	150/255
Internal loop 60 Hz (CFM / m³/hr.)	91/155	91/155	91/155
External loop 60 Hz (CFM / m³/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)	7.2/7.2	3.6/3.6	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)	80/2780/27		
SOUND LEVEL			
At 1.5 Meters	66 dB(A)		
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

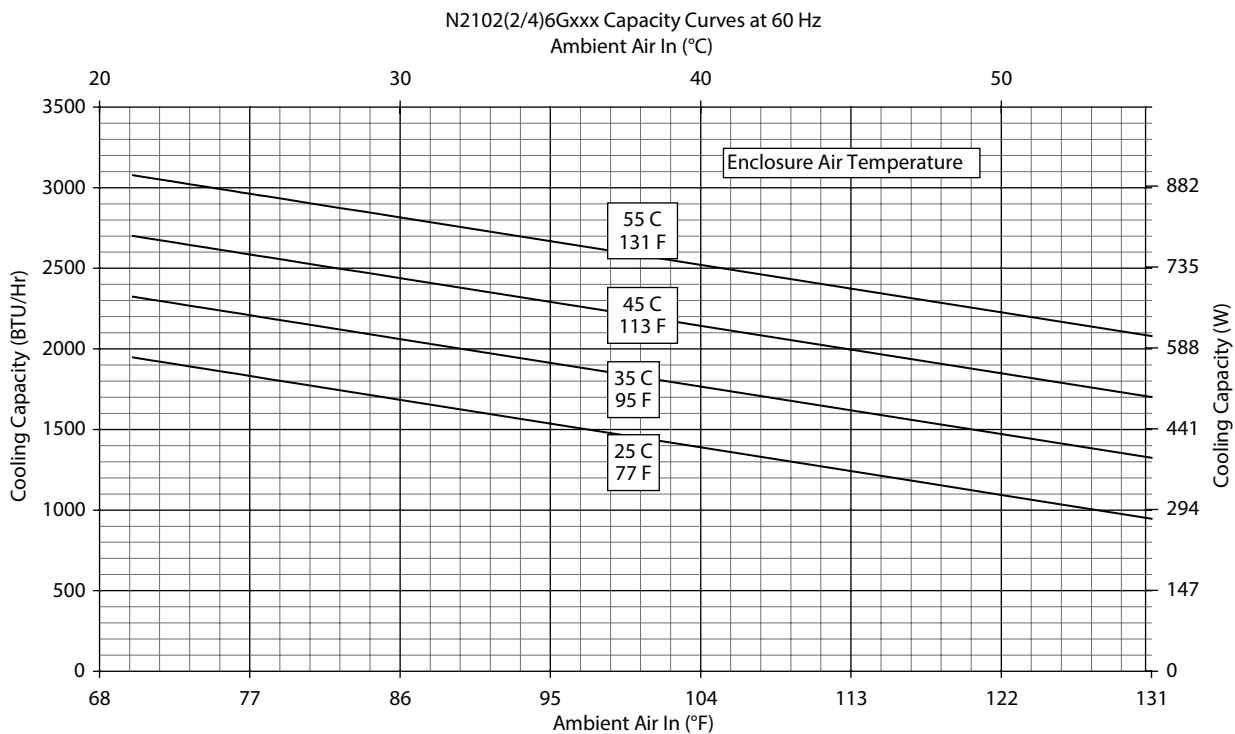
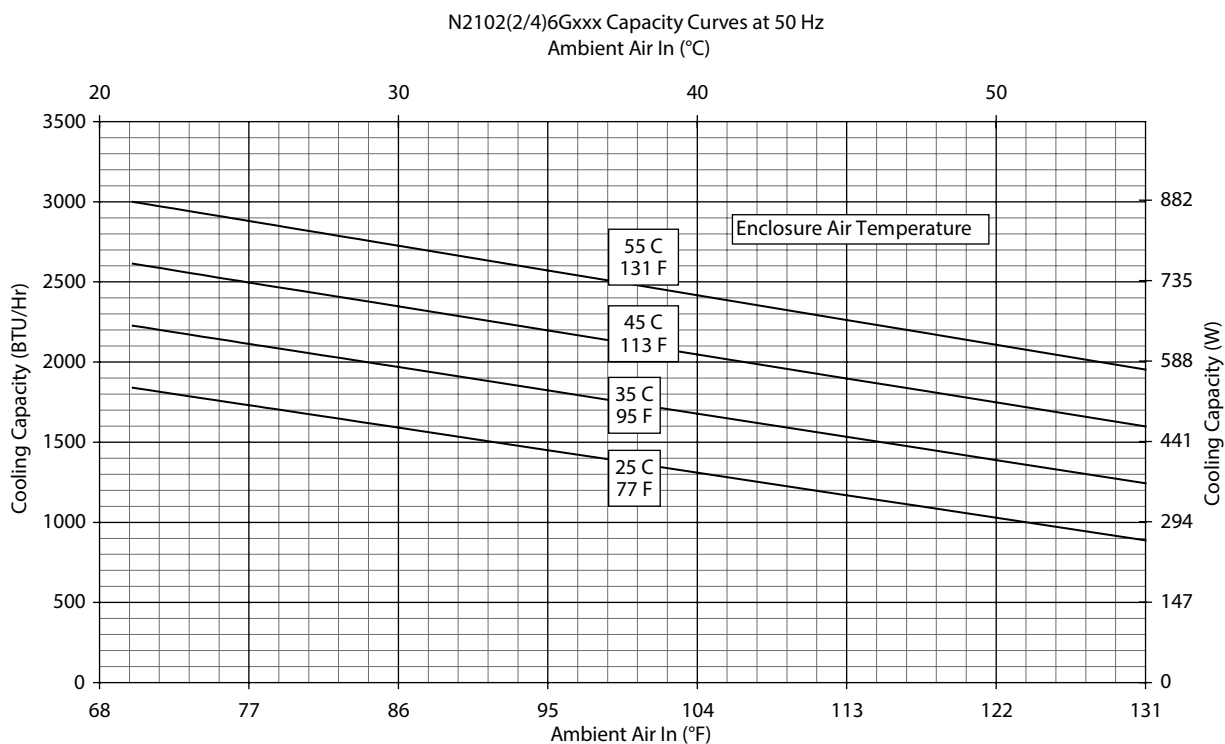
*Units with Remote Access Control utilize a digital controller and communicate via EtherNet/IP, Profinet, Modbus TCP/IP and SNMP over ethernet or modbus RTU over USB.

**Performance values are nominal. For actual values, see performance curves.

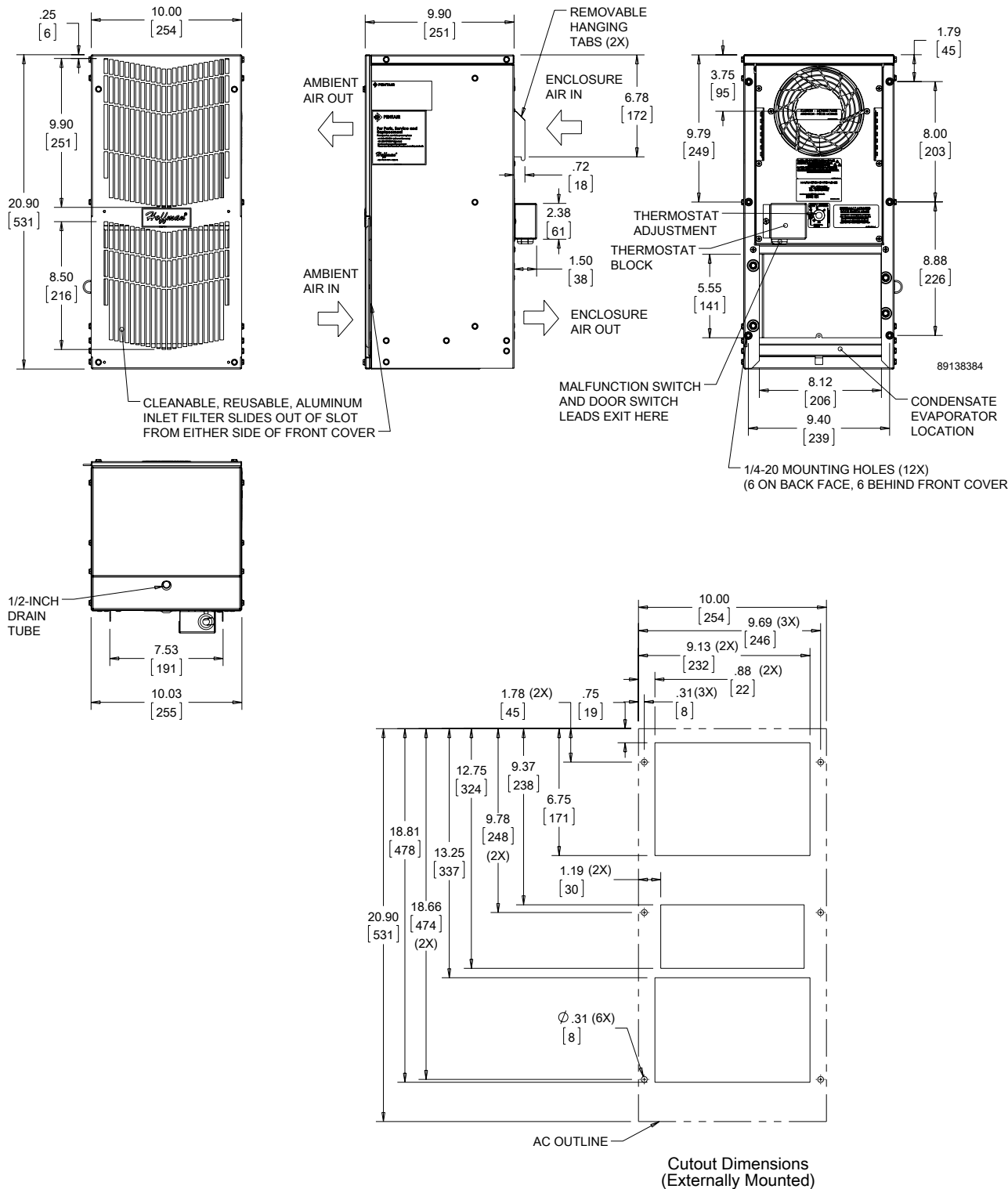
Performance Curves for N21 Models 2000 BTU/Hr. (586 Watt)



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

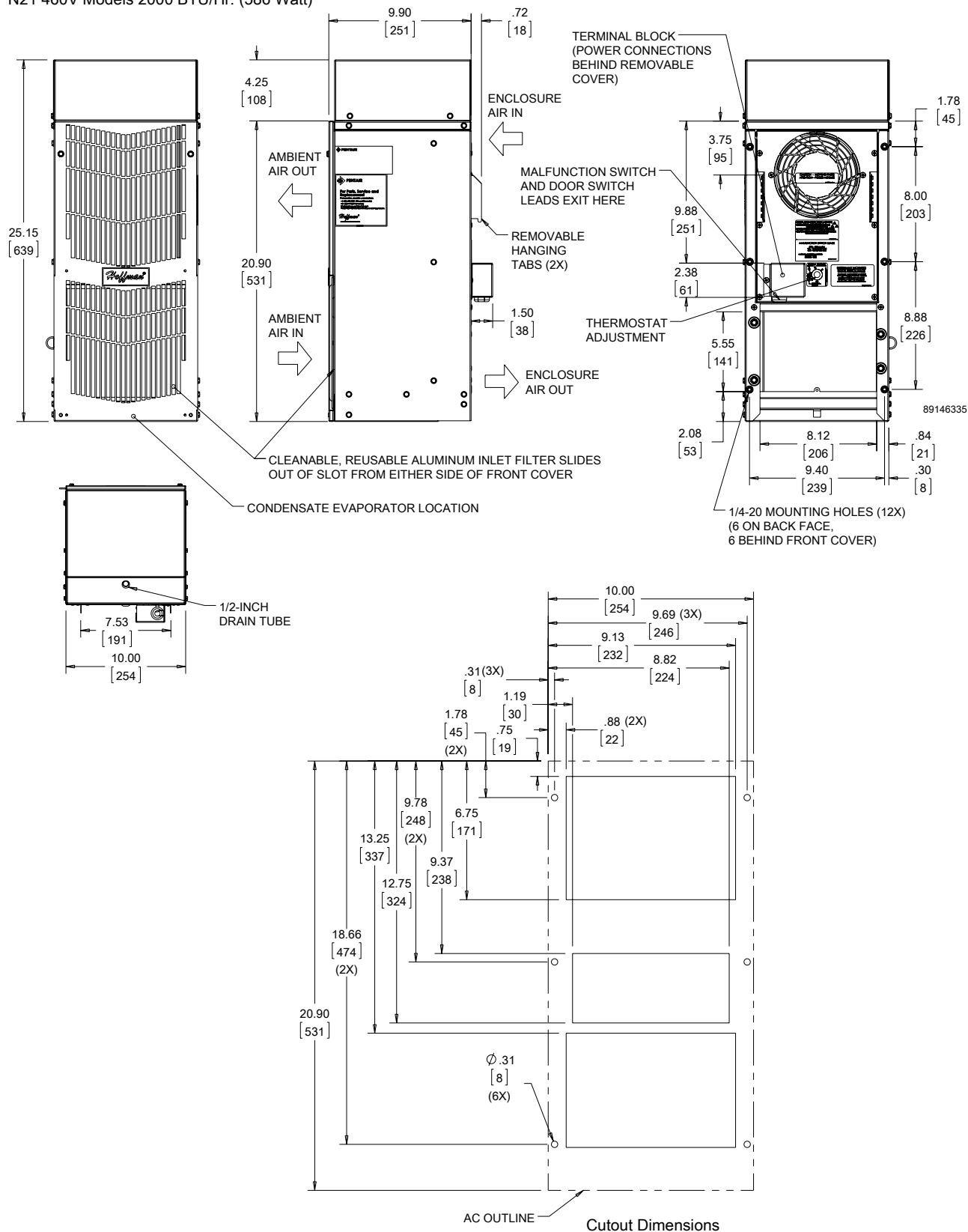


N21 115/230V Models 2000 BTU/Hr. (586 Watt)



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



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SPECTRACOOL NARROW WITH ADVANCED CORROSION PROTECTION



N43 11000 BTU/Hr. 3223 Watt	N36 6000/8000 BTU/Hr. 1758/2344 Watt	N28 4000 BTU/Hr. 1172 Watt
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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
- Telecommunications equipment
- Waste water treatment systems
- Package handling equipment
- Security and defense systems
- Oil and gas
- Water treatment facilities
- Chemical manufacturing

FEATURES

- Two levels of corrosion protection:
 - Level 1 - Protective coatings on all exposed copper tubing and solder joints, condenser coil and thermostat.
 - Level 2 - All protective coatings in Level 1 plus a coated evaporator coil. Foam wrap added over protective coatings on thermostat.
- 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 models include:
 - Active condensate management with heater strip
 - Power-off relay for door switch and other system requirements
 - Malfunction switch
 - 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
- No. 4 brushed 316 stainless steel
- Other colors and textures available

NOTES

Visit <http://hoffman.nvent.com/en/hoffman/SPECTRACOOL-Remote-Access-Control-472042> for more information regarding SPECTRACOOL Remote Access Control (RAC).

Visit <https://hoffman.nvent.com/en/hoffman/thermal-management> to download 2D and 3D CAD drawings into the overall design of your electrical system.

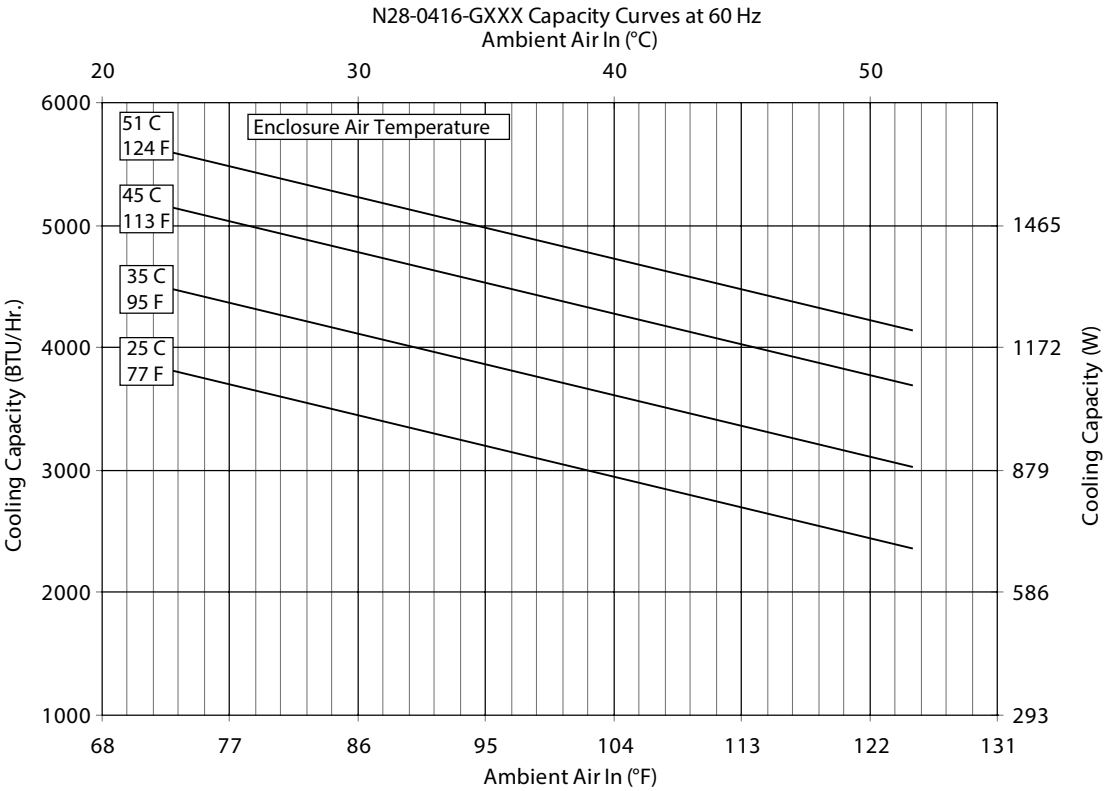
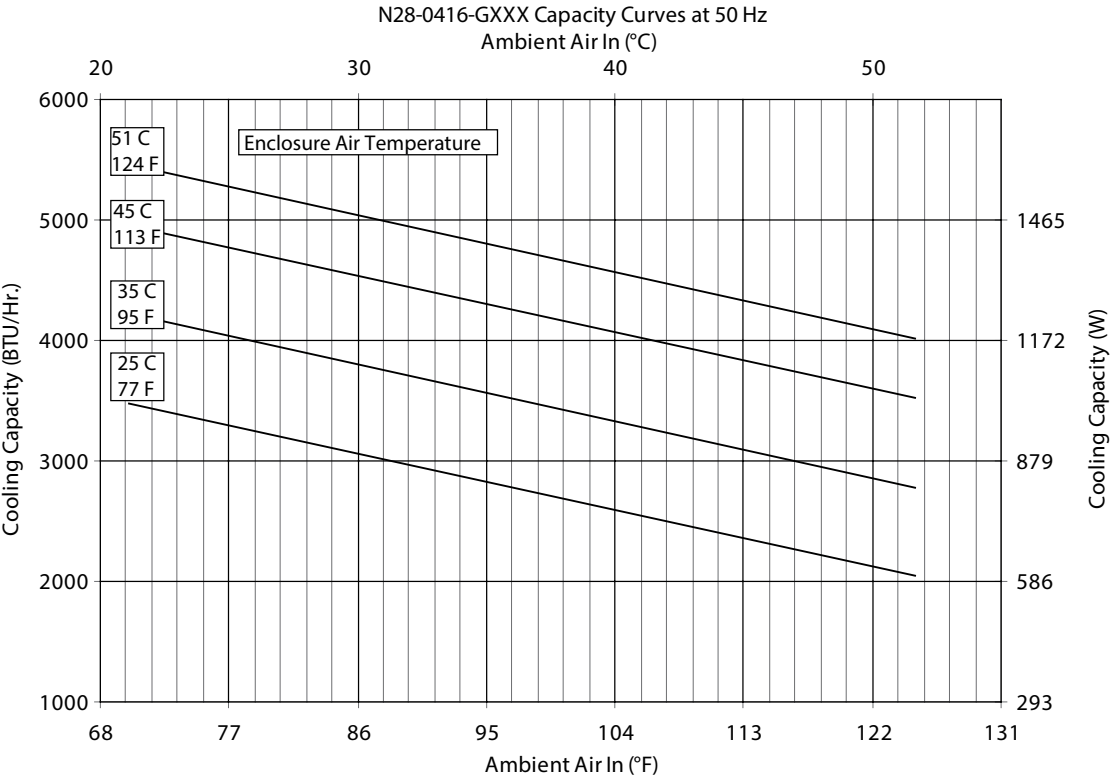
Performance Data **N28 4000 BTU/Hr. (1172 Watt)**

CATALOG NUMBER			
Level 1 Painted Galvanized - G700	N280416G700	N280426G700	N280446G700
Level 1 Stainless Steel 316 - G102	N280416G102	N280426G102	N280446G102
Level 2 Painted Galvanized - G800	N280416G800	N280426G800	N280446G800
Level 2 Painted with Remote Access Control - G360*	N280416G360	N280426G360	N280446G360
Level 2 Stainless Steel 316 - G802	N280416G802	N280426G802	N280446G802
COOLING PERFORMANCE			
Nominal:**			
BTUs/Hr.	4000	4000	4000
Watts	1172	1172	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)	10.8/10.2	5.0/5.1	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
ACCESSORIES			
EASYSWAP Adaptor Plenum (GENESIS M33)		Enables SPECTRACOOOL 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

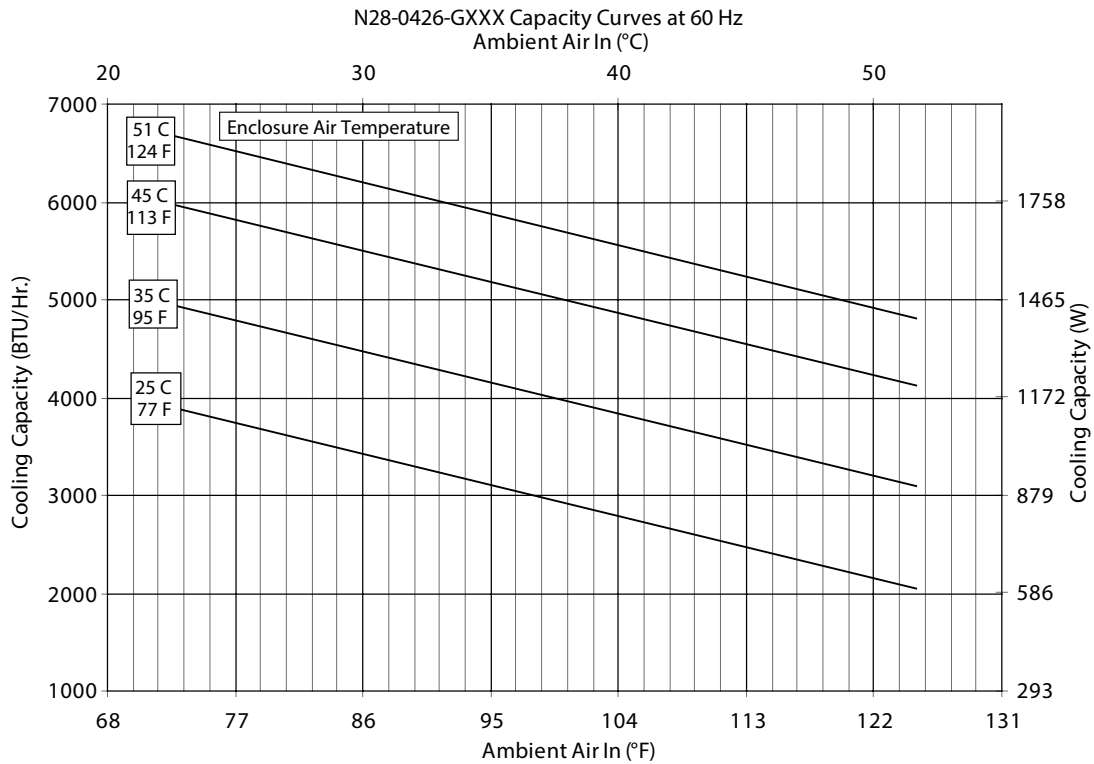
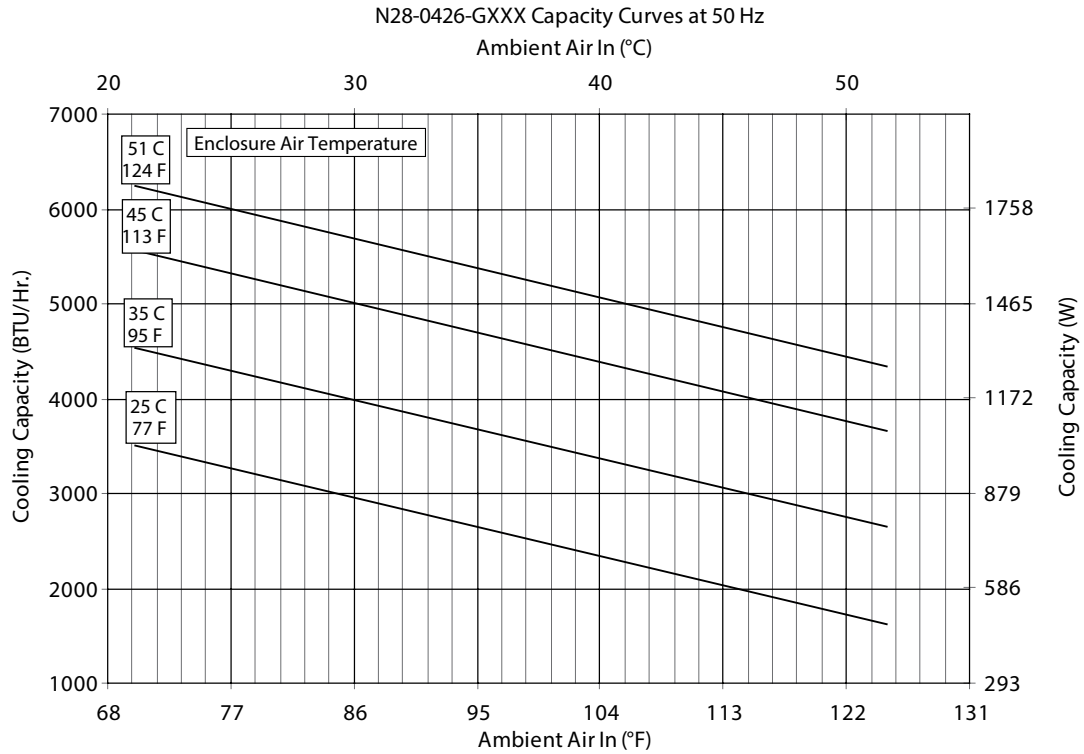
*Units with Remote Access Control utilize a digital controller and communicate via EtherNet/IP, Profinet, Modbus TCP/IP and SNMP over ethernet or modbus RTU over USB.

**Performance values are nominal. For actual values, see performance curves.

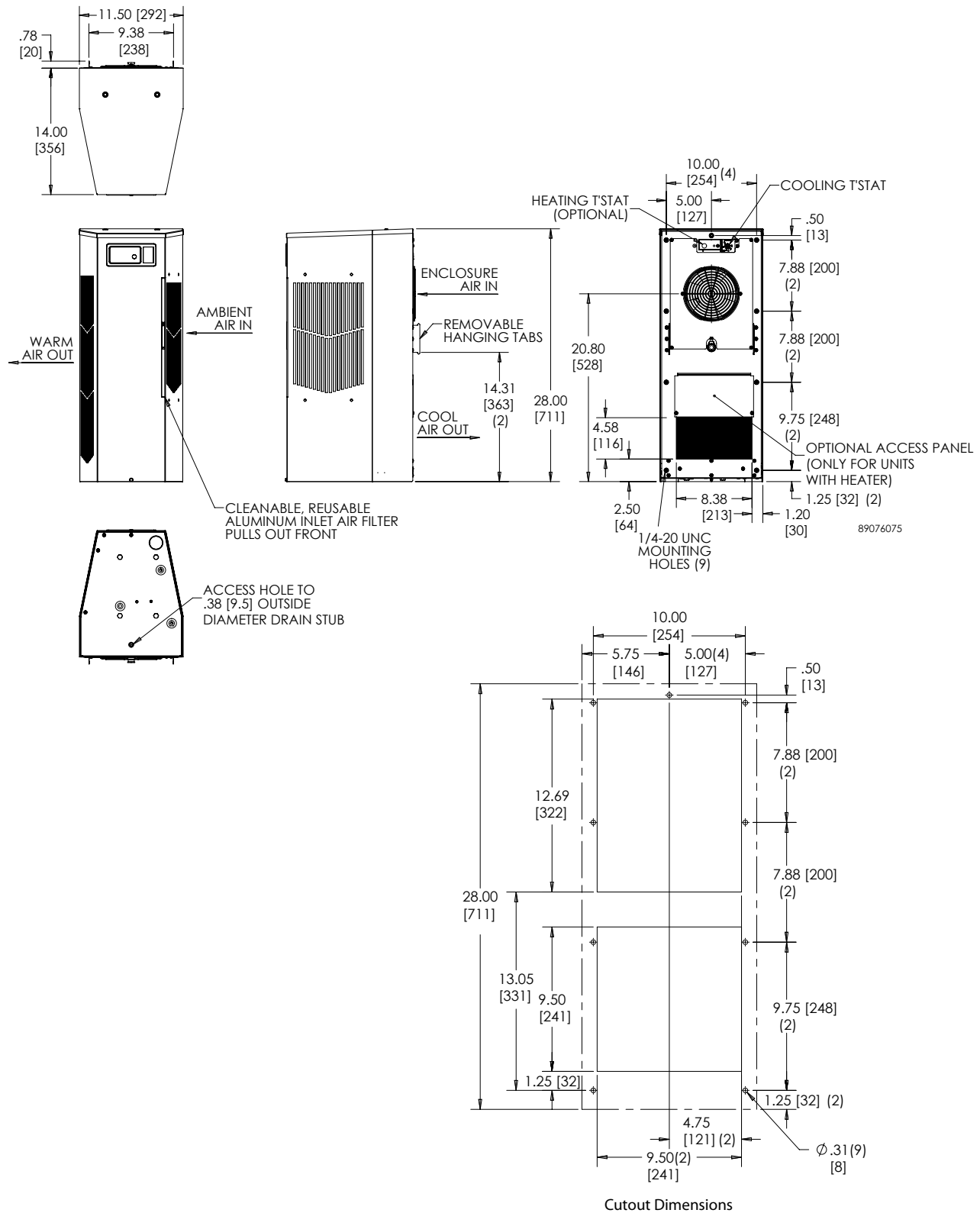
Performance Curves for N28 Models 4000 BTU/Hr. (1172 Watt)



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



N28 Models 4000 BTU/Hr. (1172 Watt)



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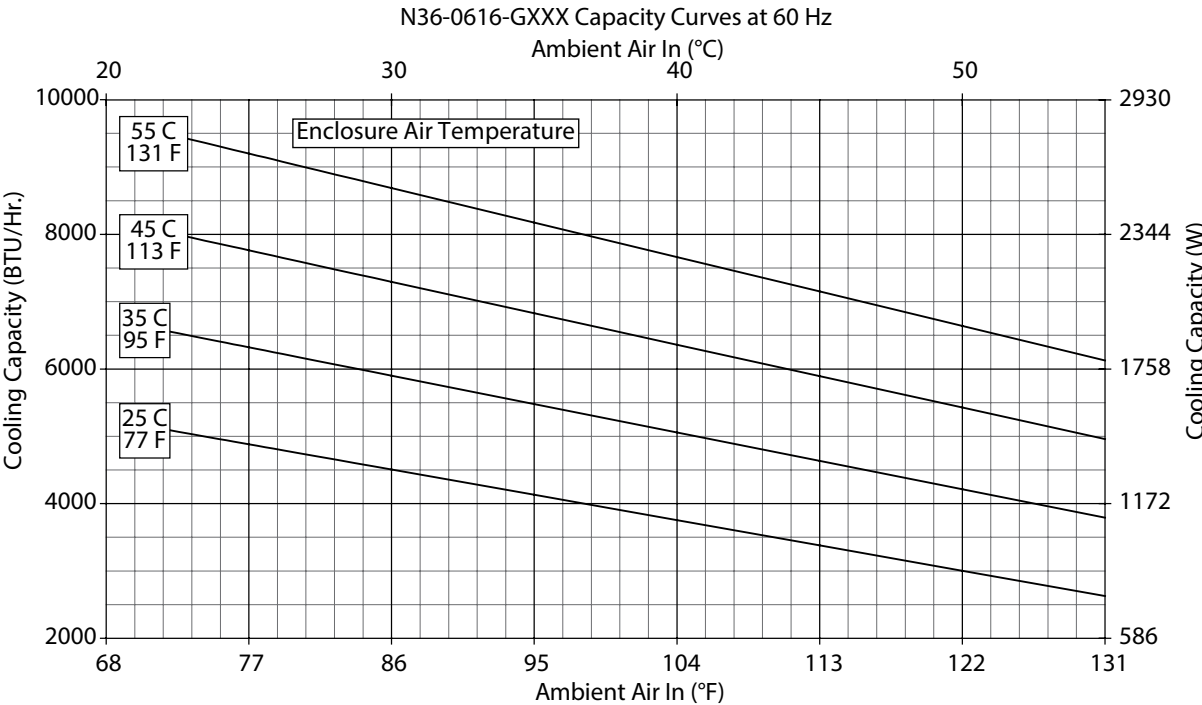
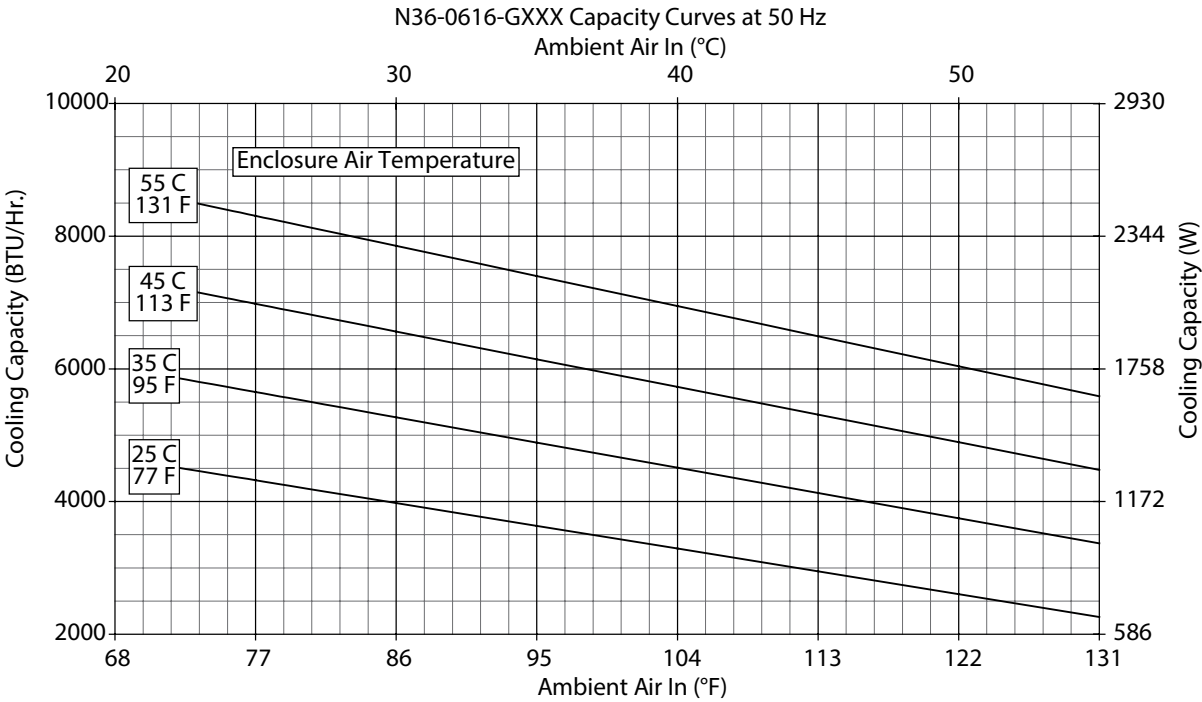
Performance Data N36 6000/8000 BTU/Hr. (1758/2344 Watt)

CATALOG NUMBER						
Level 1 Painted Galvanized - G700	N360616G700	N360626G700	N360646G700	N360816G700	N360826G700	N360846G700
Level 1 Stainless Steel 316 - G102	N360616G102	N360626G102	N360646G102	N360816G102	N360826G102	N360846G102
Level 2 Painted Galvanized - G800	N360616G800	N360626G800	N360646G800	N360816G800	N360826G800	N360846G800
Level 2 Painted with Remote Access Control - G360*	N360616G360	N360626G360	N360646G360	N360816G360	N360826G360	N360846G360
Level 2 Stainless Steel 316 - G802	N360616G802	N360626G802	N360646G802	N360816G802	N360826G802	N360846G802
COOLING PERFORMANCE						
Nominal:**						
BTU/Hr.	6000	6000	6000	8000	8000	8000
Watts	1757	1757	1757	2344	2344	2344
At 131 F / 131 F (55 C / 55 C):						
BTU/Hr. (50 / 60 Hz)	5585 / 6180	5469 / 5965	5300 / 6089	8213 / 8453	7874 / 8063	7777 / 8166
Watts (50 / 60 Hz)	1637 / 1811	1603 / 1748	1553 / 1785	2405 / 2475	2306 / 2361	2277 / 2391
At 95 F / 95 F (35 C / 35 C):						
BTU/Hr. (50 / 60 Hz)	4909 / 5485	5159 / 5621	5572 / 6026	7028 / 7626	6660 / 7411	6877 / 7525
Watts (50 / 60 Hz)	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
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	572 / 628
Max. Nominal Current (Amps at 50 / 60 Hz)	9.3/10.3	4.6/4.8	1.59 / 1.69	11.8/13.5	5.6/6.2	2.9/3.0
Starting Current (Amps)	39.2	23.0	8.1	48.3	27.0	16.0
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	66.9 dBA	66.7 dBA	68.2 dBA	66.0 dBA	66.0 dBA	66.0 dBA
ACCESSORIES						
EASYSWAP Adaptor Plenum (GENESIS M36)			Enables SPECTRACOOl 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

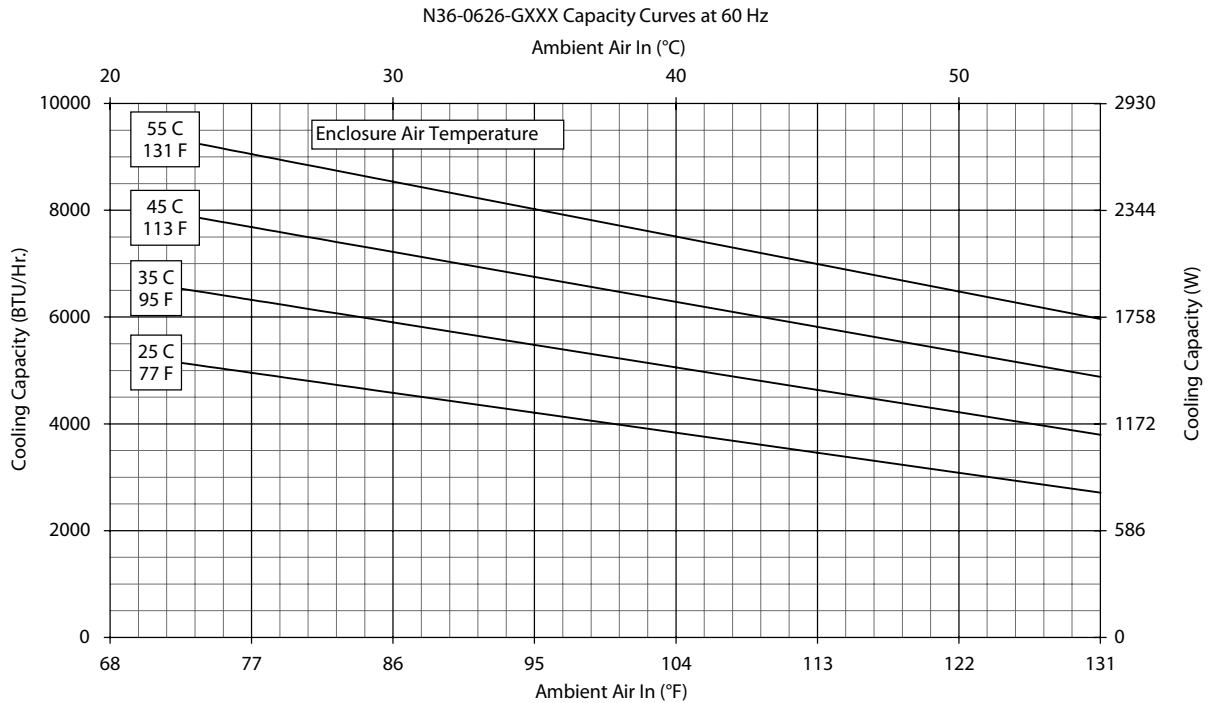
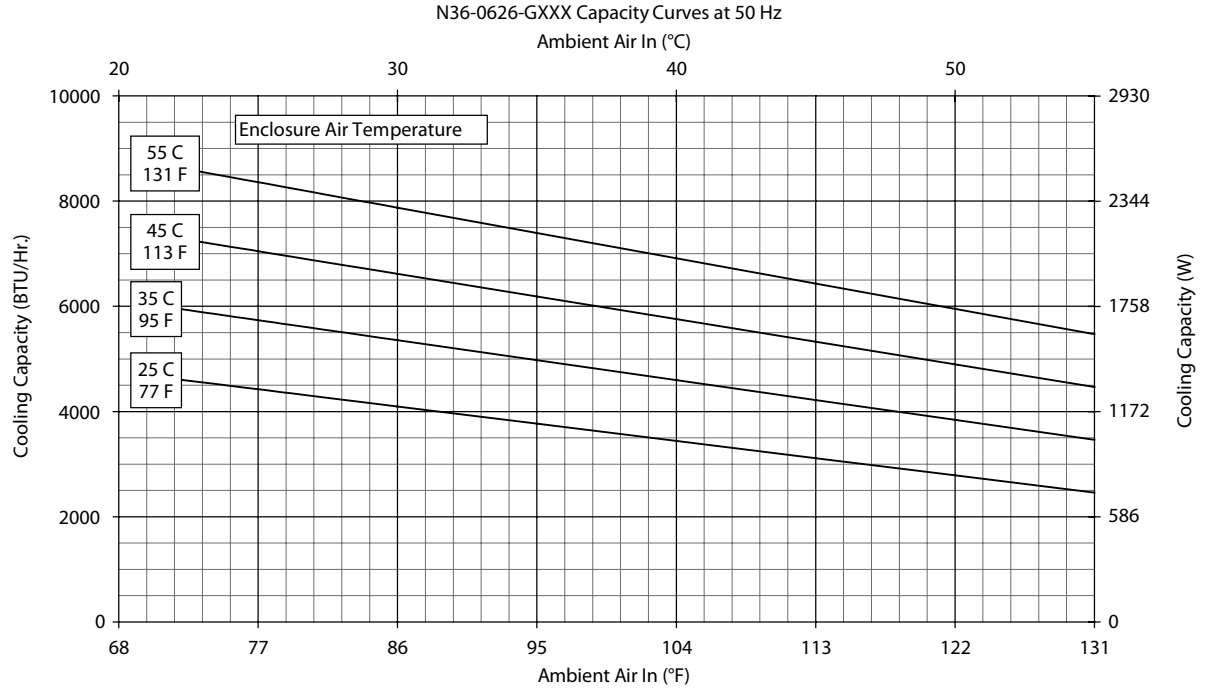
*Units with Remote Access Control utilize a digital controller and communicate via EtherNet/IP, Profinet, Modbus TCP/IP and SNMP over ethernet or modbus RTU over USB.

**Performance values are nominal. For actual values, see performance curves.

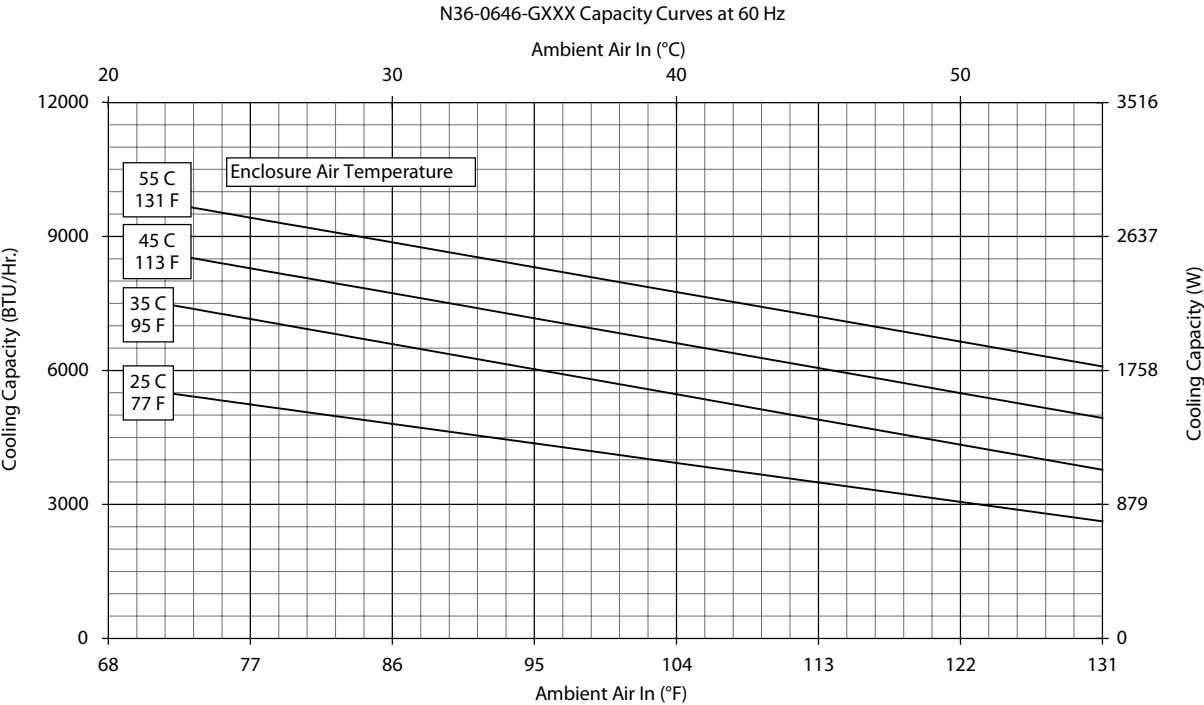
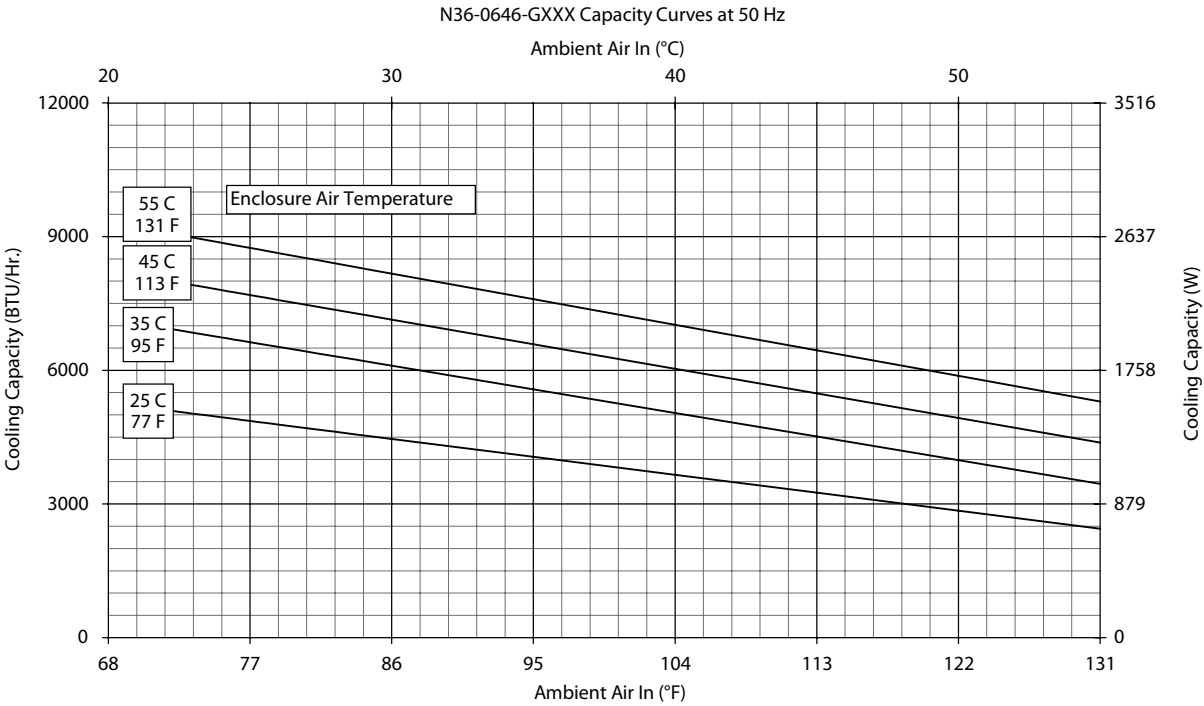
Performance Curves for N36 Models 6000 BTU/Hr. (1758 Watt)



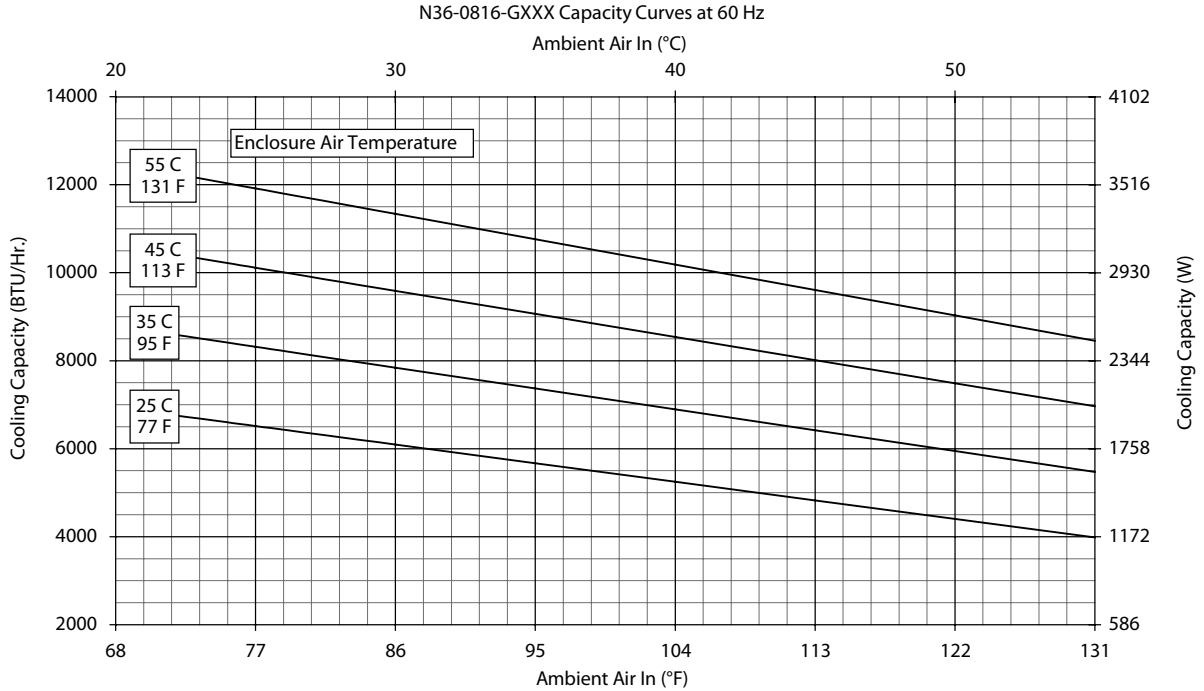
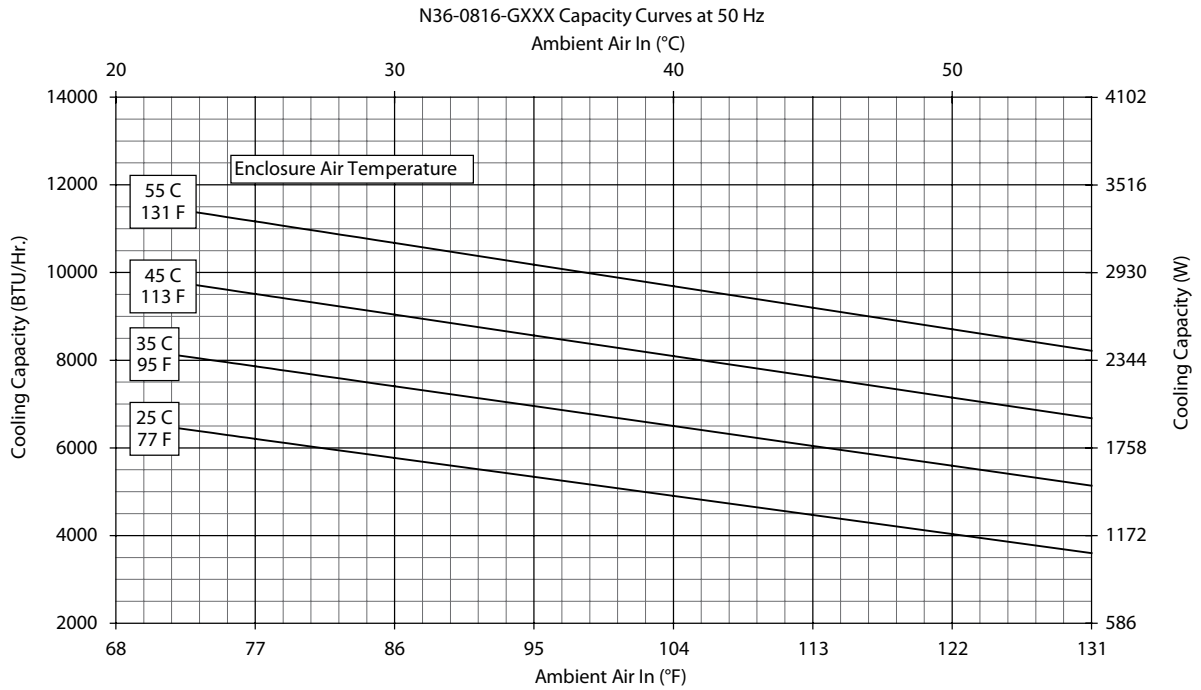
Performance Curves for N36 Models 6000 BTU/Hr. (1758 Watt)



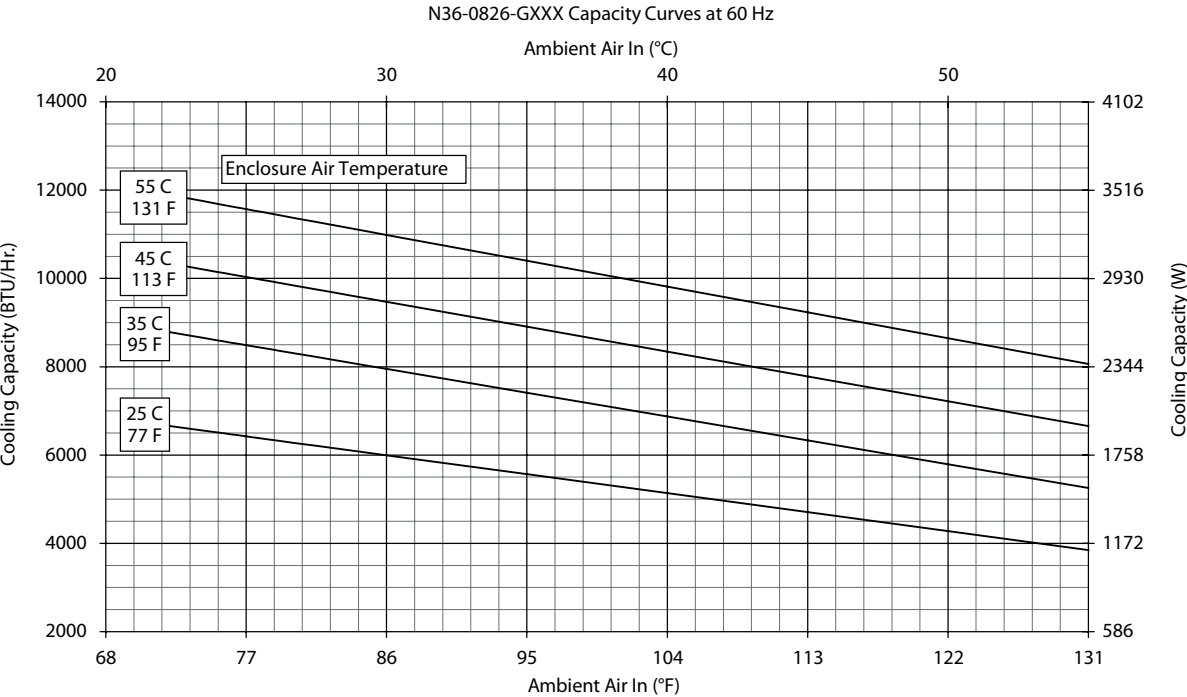
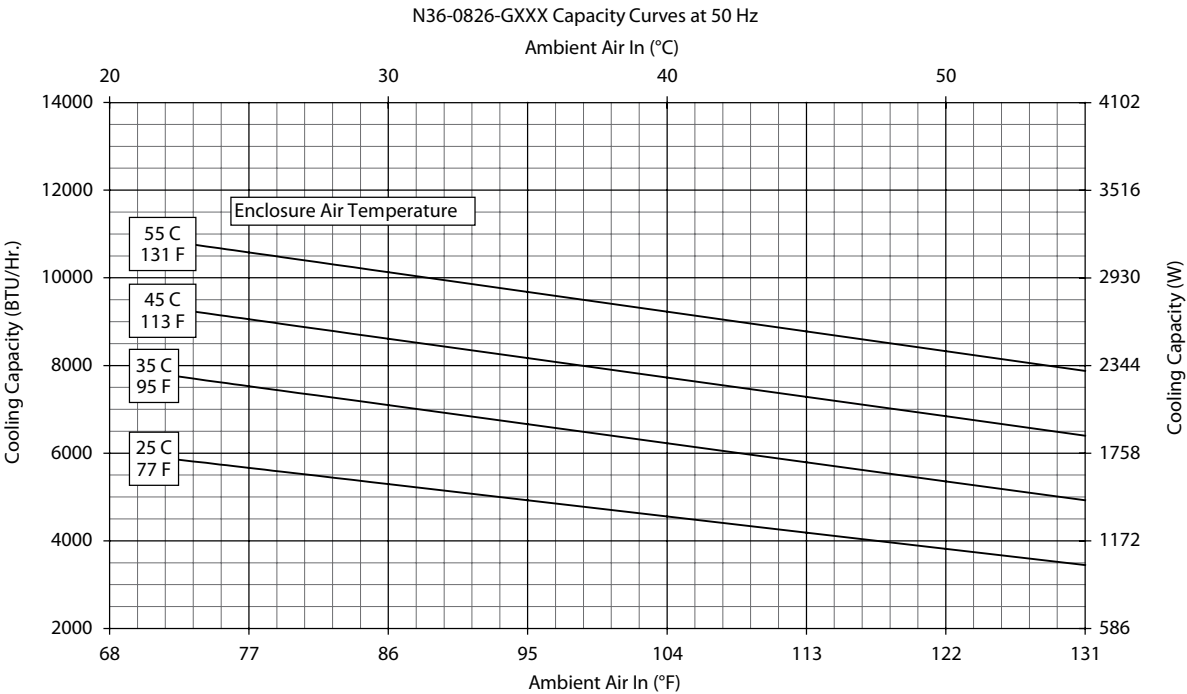
Performance Curves for N36 Models 6000 BTU/Hr. (1758 Watt)



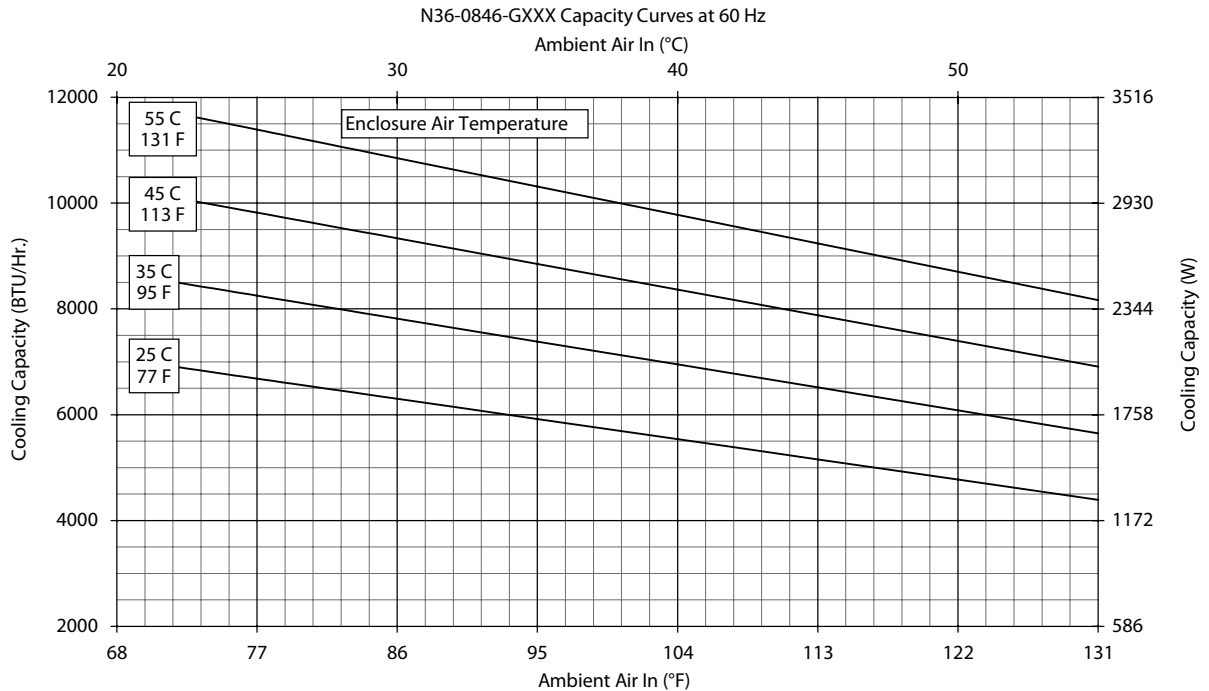
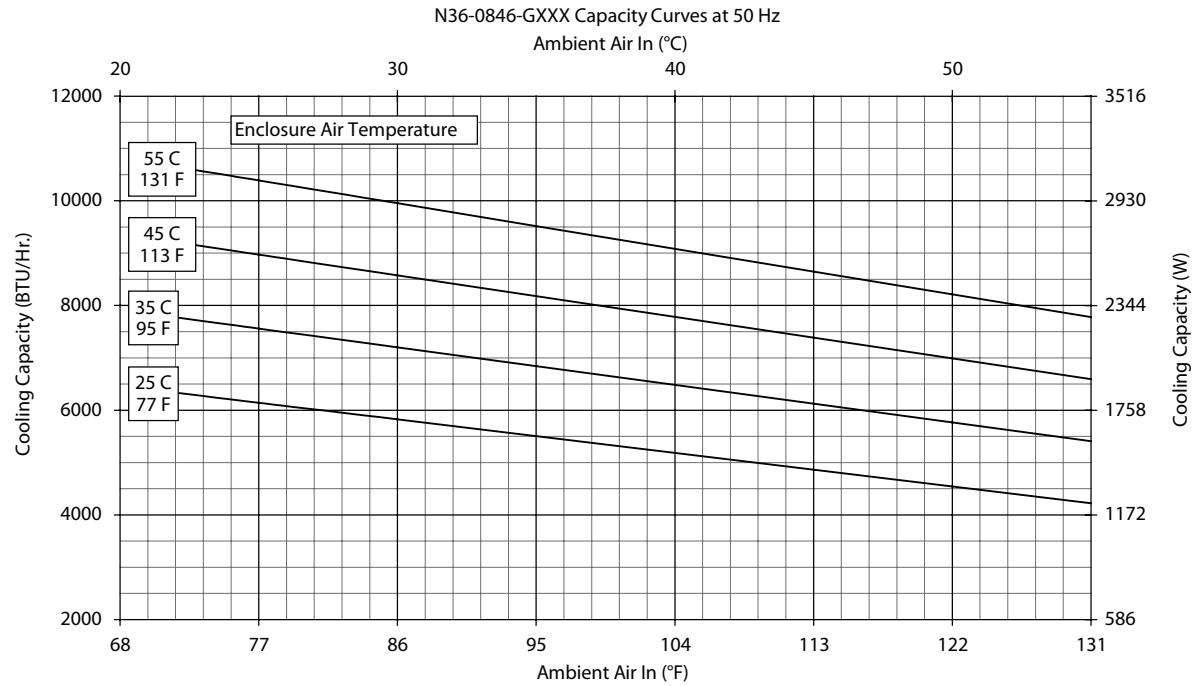
Performance Curves for N36 Models 8000 BTU/Hr. (2344 Watt)



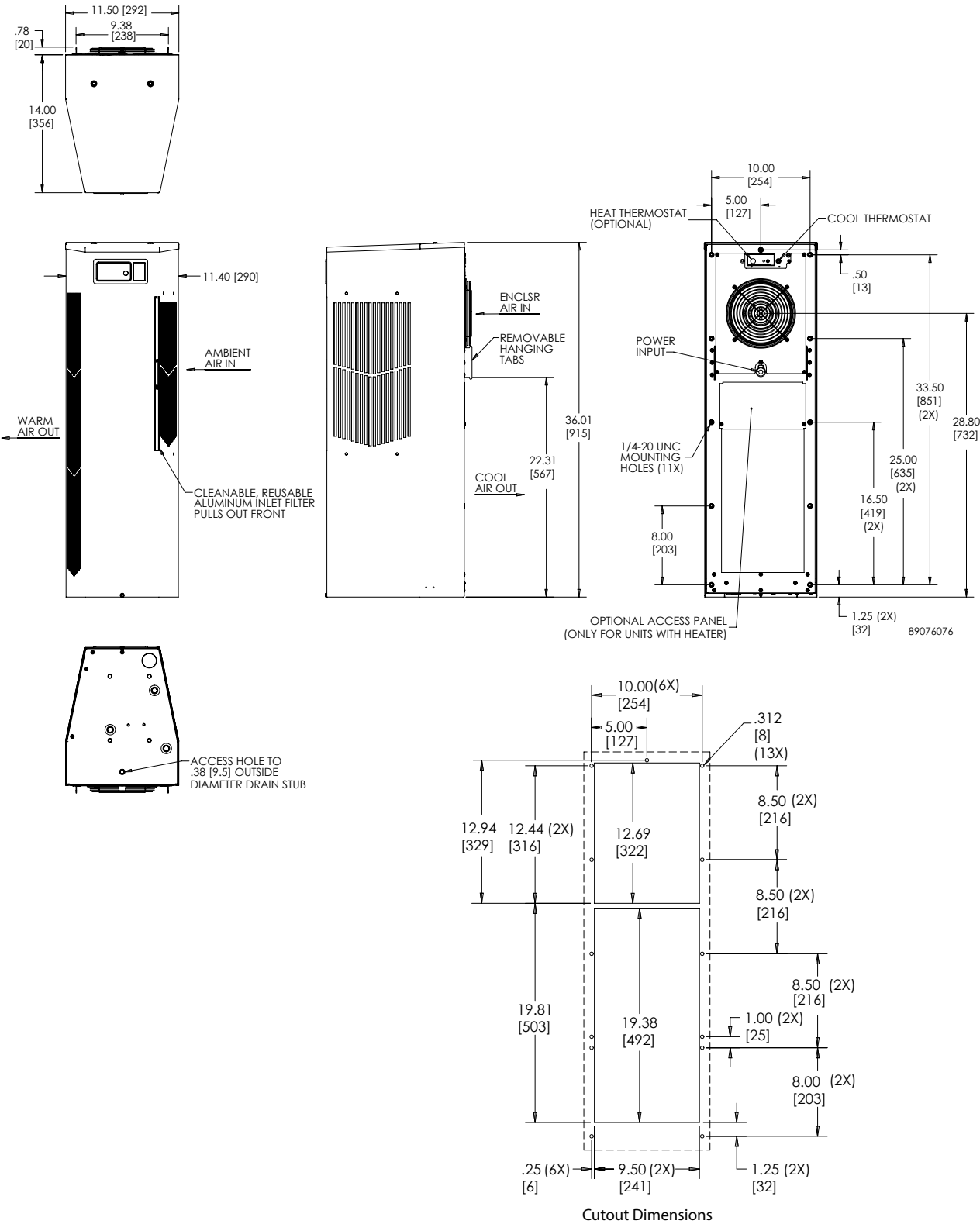
Performance Curves for N36 Models 8000 BTU/Hr. (2344 Watt)



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



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



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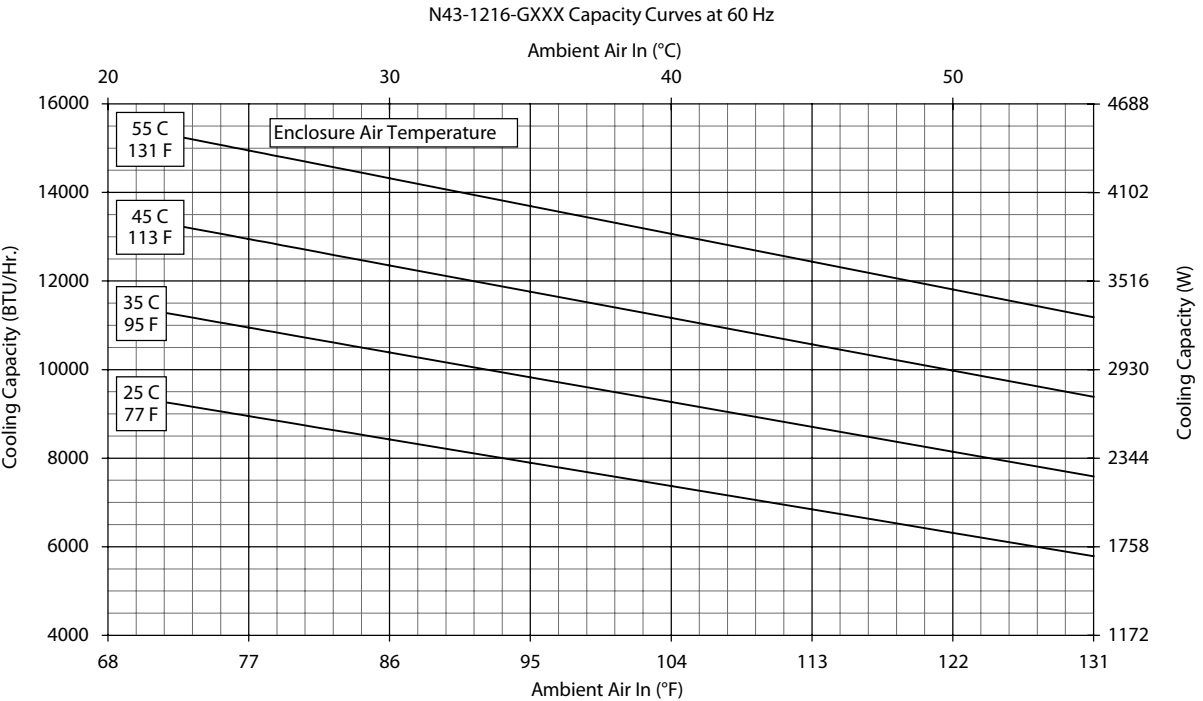
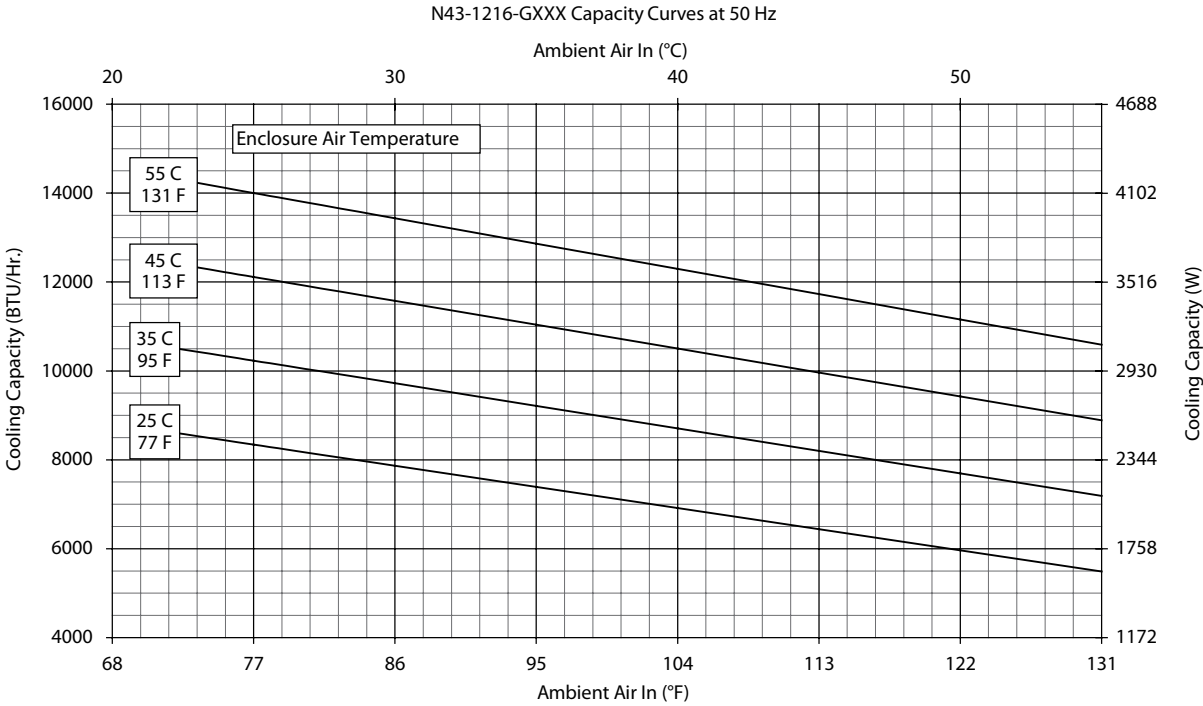
Performance Data **N43 11000 BTU/Hr. (3223 Watt)**

CATALOG NUMBER			
Level 1 Painted Galvanized - G700	N431216G700	N431226G700	N431246G700
Level 1 Stainless Steel 316 - G102	N431216G102	N431226G102	N431246G102
Level 2 Painted Galvanized - G800	N431216G800	N431226G800	N431246G800
Level 2 Painted with Remote Access Control - G360*	N431216G360	N431226G360	N431246G360
Level 2 Stainless Steel 316 - G802	N431216G802	N431226G802	N431246G802
COOLING PERFORMANCE			
Nominal:**			
BTU/Hr.	11000	11000	11000
Watts	3223	3223	3223
At 131 F / 131 F (55 C / 55 C):			
BTU/Hr. (50 / 60 Hz)	10588 / 11180	9946 / 11052	10048 / 10797
Watts (50 / 60 Hz)	3103 / 3277	2915 / 3239	2945 / 3164
At 95 F / 95 F (35 C / 35 C):			
BTU/Hr. (50 / 60 Hz)	9475 / 10023	8967 / 9644	8587 / 9559
Watts (50 / 60 Hz)	2777 / 2937	2628 / 2826	2517 / 2801
Refrigerant	R134a	R134a	R134a
Refrigerant Charge (ounces/grams)	36 / 1021	38 / 1077	41 / 1162
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	1802 / 2446	1283 / 1644
Max. Nominal Current (Amps at 50 / 60 Hz)	16.8/22.2	8.8/9.2	3.1 / 3.3
Starting Current (Amps)	57	38	16
Agency Approvals		cUL Listed CE	
Power Input Description		Others available upon request	
ENCLOSURE PROTECTION		Terminal Block	
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 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

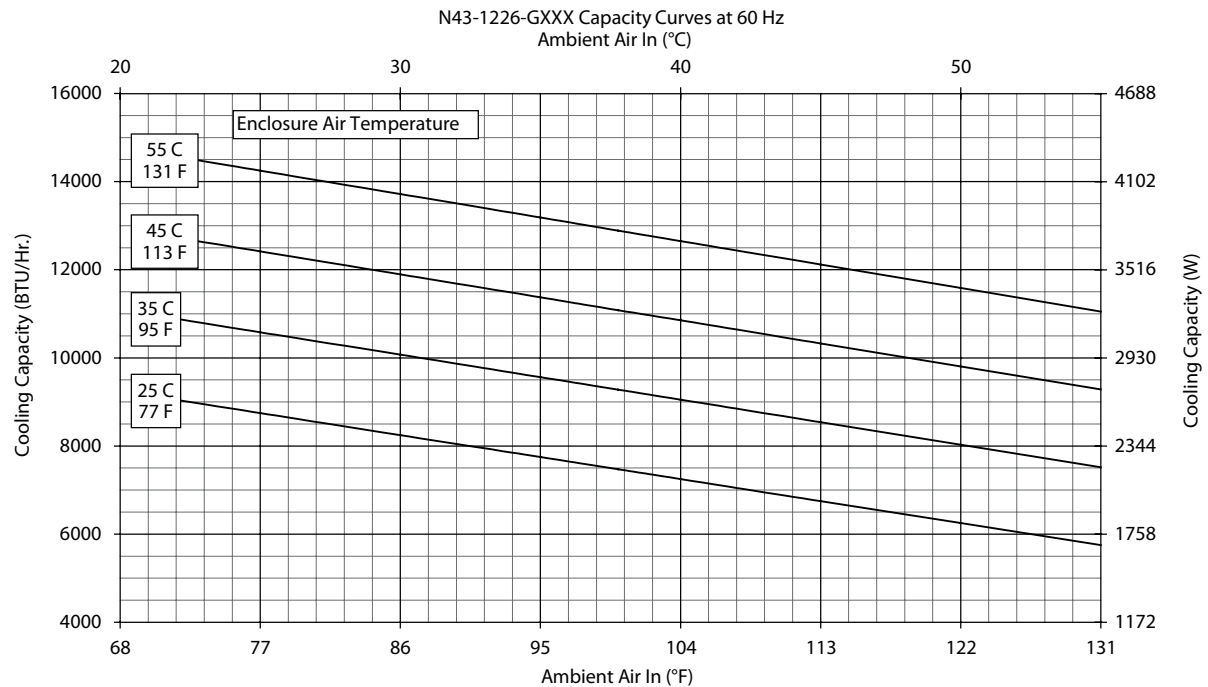
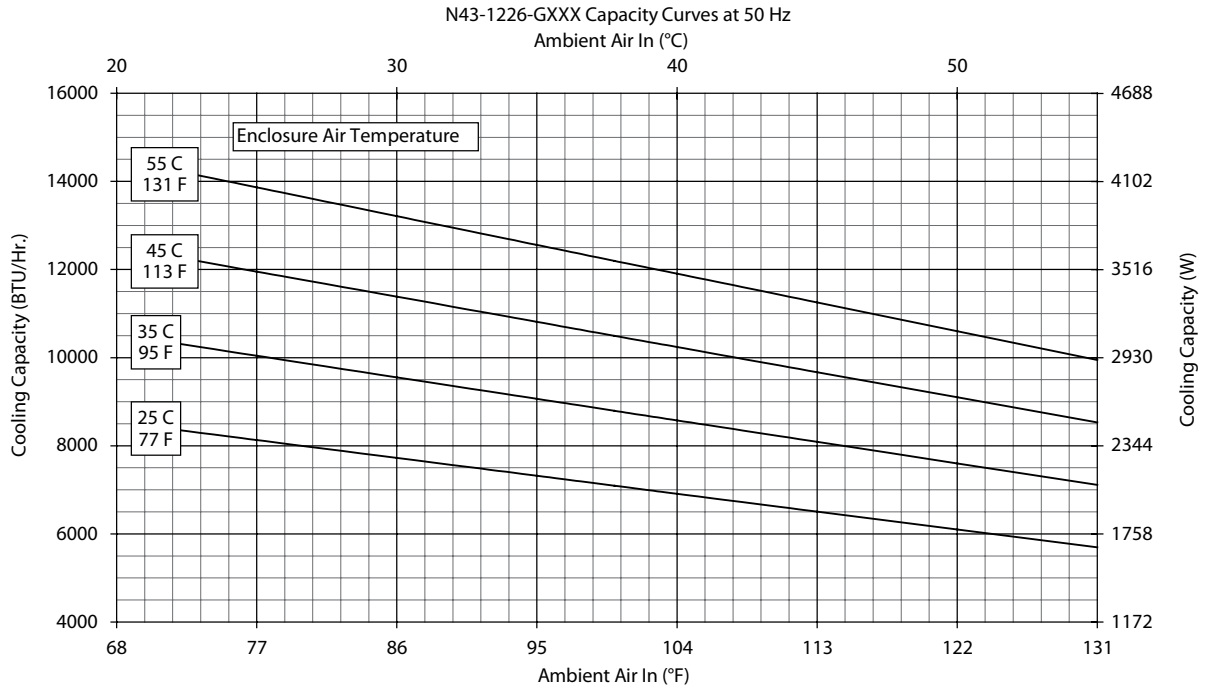
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**Performance values are nominal. For actual values, see performance curves.

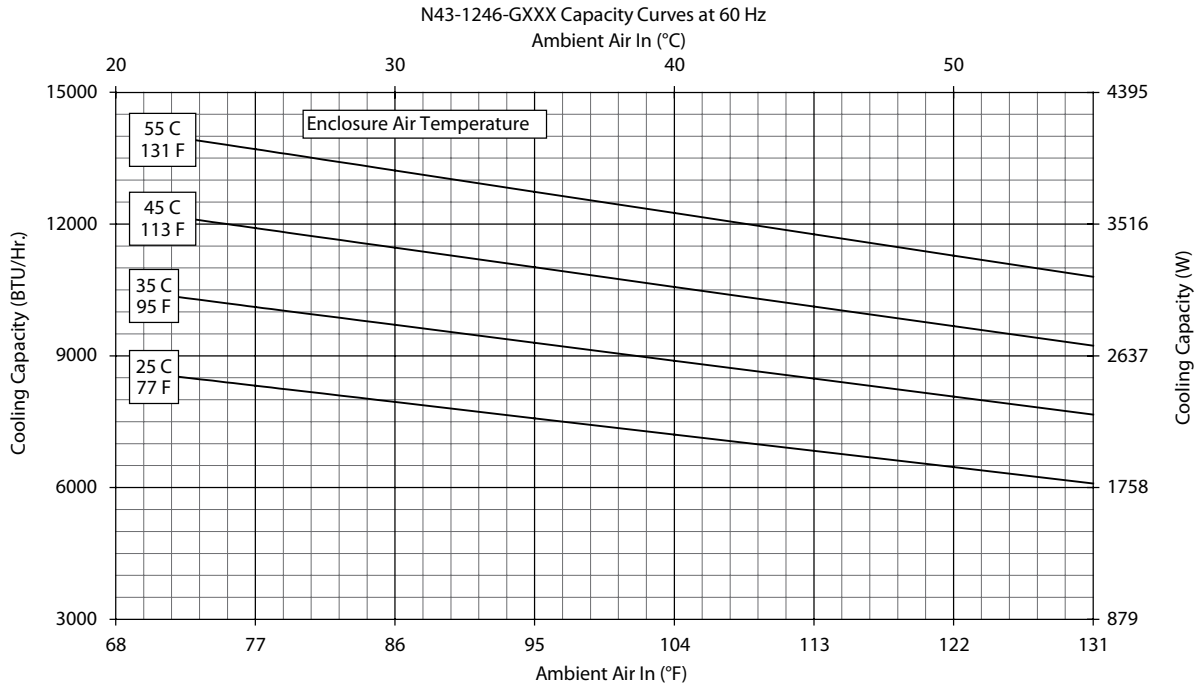
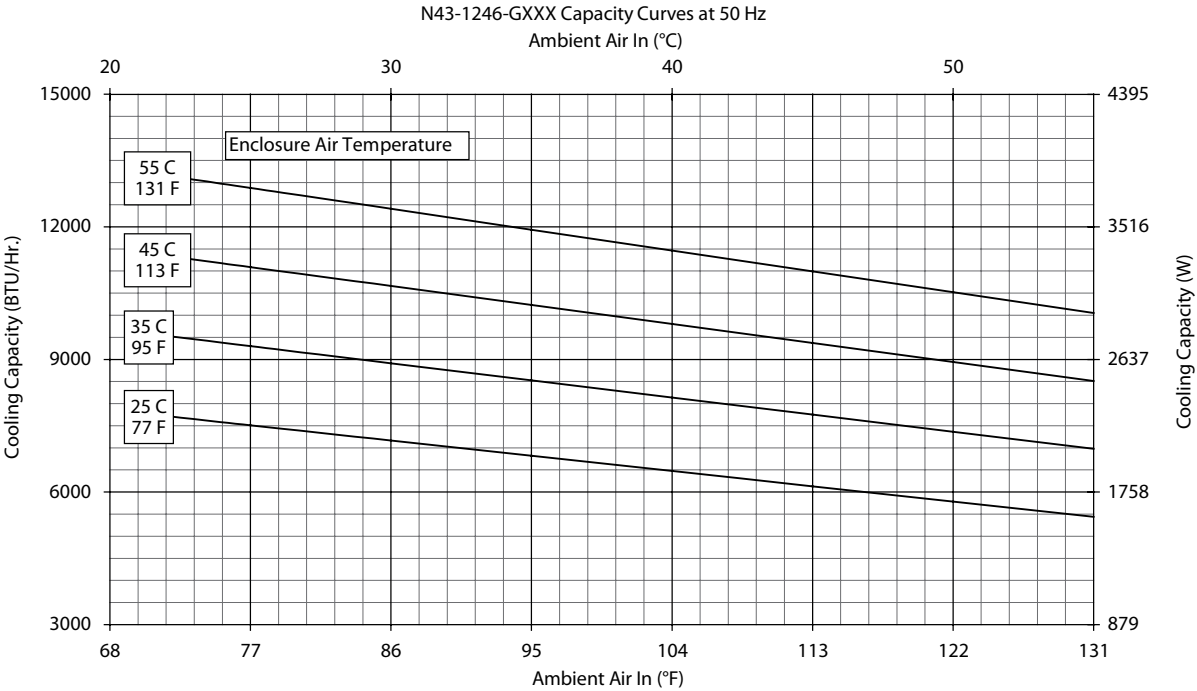
Performance Curves for N43 Models 11000 BTU/Hr. (3223 Watt)



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



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



Technical drawing of the 89076077 unit, showing front, side, and detail views with dimensions in inches and millimeters.

Front View Dimensions:

- Top width: 11.50 [292]
- Top width (inner): 9.38 [238]
- Top thickness: .78 [20]
- Height: 14.00 [356]
- Side width: 11.40 [290]
- WARM AIR OUT (left side)
- AMBIENT AIR IN (right side)

Side View Dimensions:

- ENCLSR AIR IN (top)
- REMOVABLE HANGING TABS (middle)
- COOL AIR OUT (bottom)
- Height: 29.31 [744]
- Height: 42.99 [1092]

Detail View Dimensions (Top):

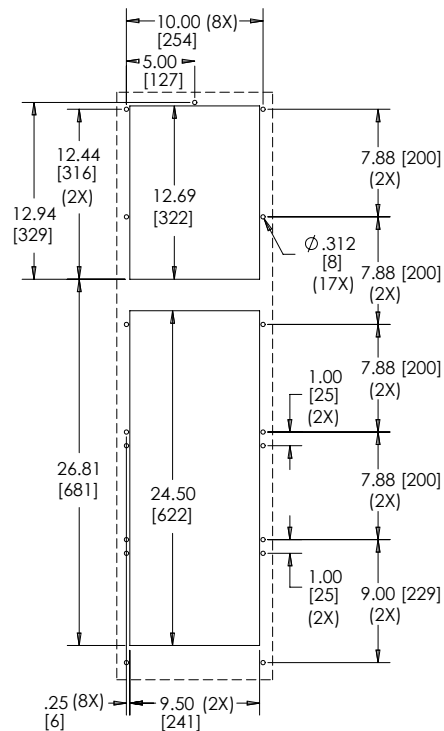
- HEAT T-STAT (OPTIONAL): 5.00 [127]
- 10.00 (6X) [254]
- COOL T-STAT: .50 [13]
- 7.88 [200] (2X)
- 7.88 [200] (2X)
- 8.88 [226] (2X)
- 7.88 [200]
- 8.00 [203]
- 1.25 (2) [32]
- 89076077

Detail View Dimensions (Bottom):

- 1/4-20 UNC MOUNTING HOLES (13X)
- 7.88 [200]
- 9.00 [229]
- 10.00 (8X) [254]
- 5.00

Other Labels:

- CLEANABLE, REUSABLE ALUMINUM INLET FILTER PULLS OUT FRONT
- ACCESS HOLE TO .38 [9.5] O.D. DRAIN STUB
- OPTIONAL ACCESS PANEL (ONLY FOR UNITS WITH HEATER)



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Notes