SPECTRACOOL NARROW COMPACT INDOOR

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

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

INDUSTRY STANDARDS

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APPLICATION

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FEATURES

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SPECIFICATIONS

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  l P PNNN rsM S Tu
- m SNdMNa PS dMSPa

FINISH

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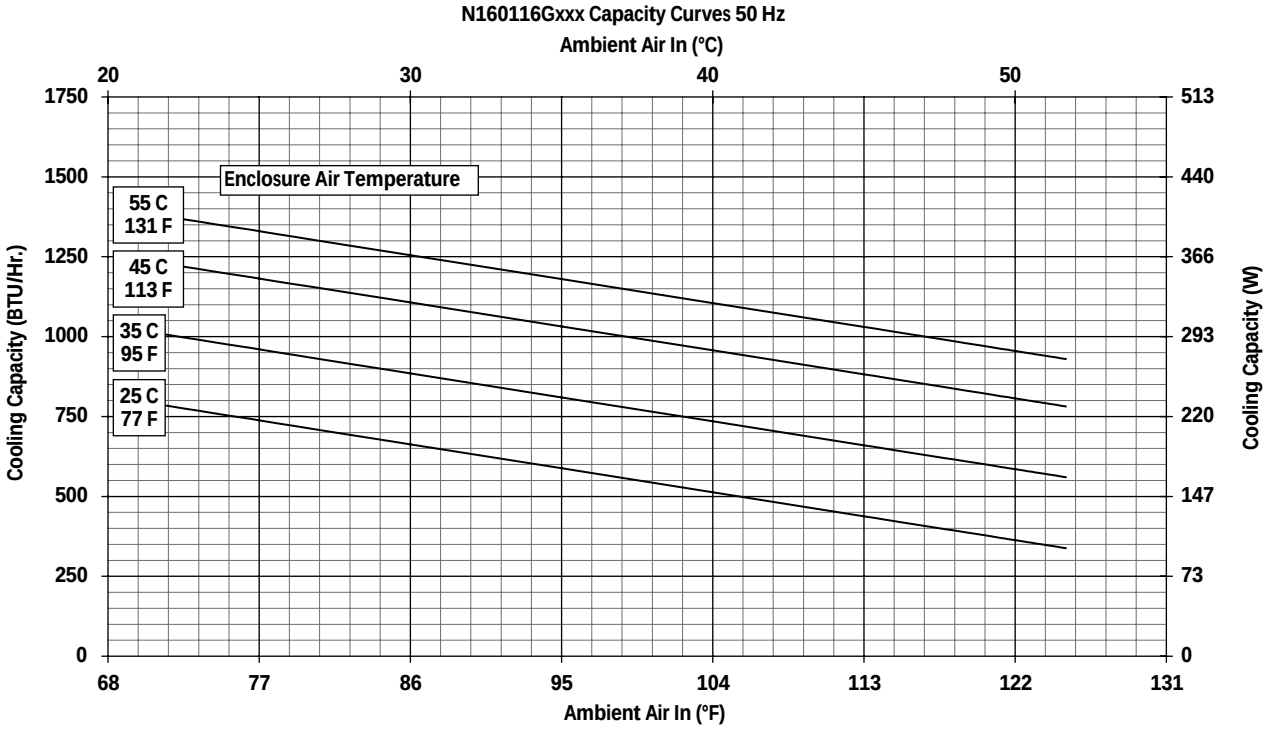
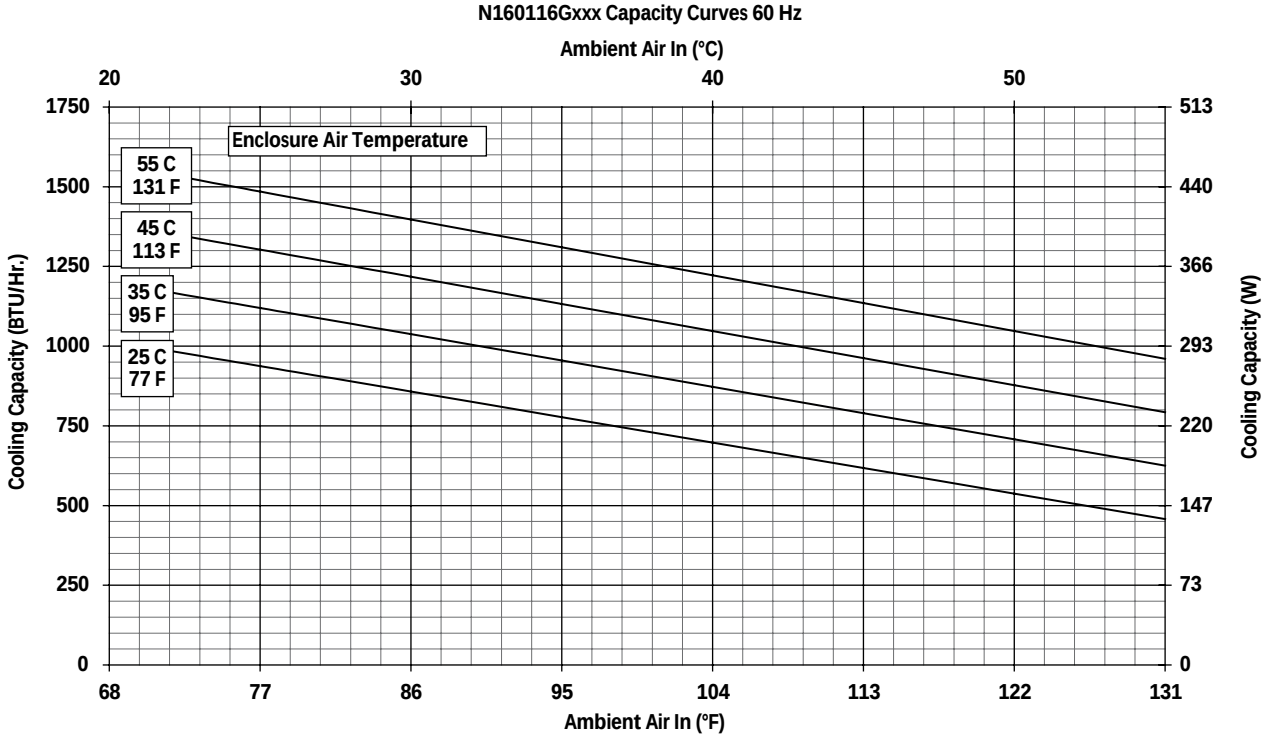
n b ¢M05 7/ / AST.Gq- '123 V`ss(Lncdkr

B@S@KNF MTL ADQ		
Indoor Model	**N160116G050**	**N160126G050**
Indoor Model Stainless Steel Type 4X	**N160116G051**	**N160126G051**
Indoor Model with Remote Access Control*	**N160116G060**	**N160126G060**
COOLING PERFORMANCE		
Mn l hm`k9		
AST.Gq-	**7/ /.7/ /**	**7/ /.8/ /**
V`ssr	**124.124**	**124.153**
At Maximum Operating Temperatures:		
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)	**125/131/52/55**	**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		
Q`sdc Unks`fd	**0/ /.004**	**11/.12/**
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**	
RNTMC KDUDK		
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**	

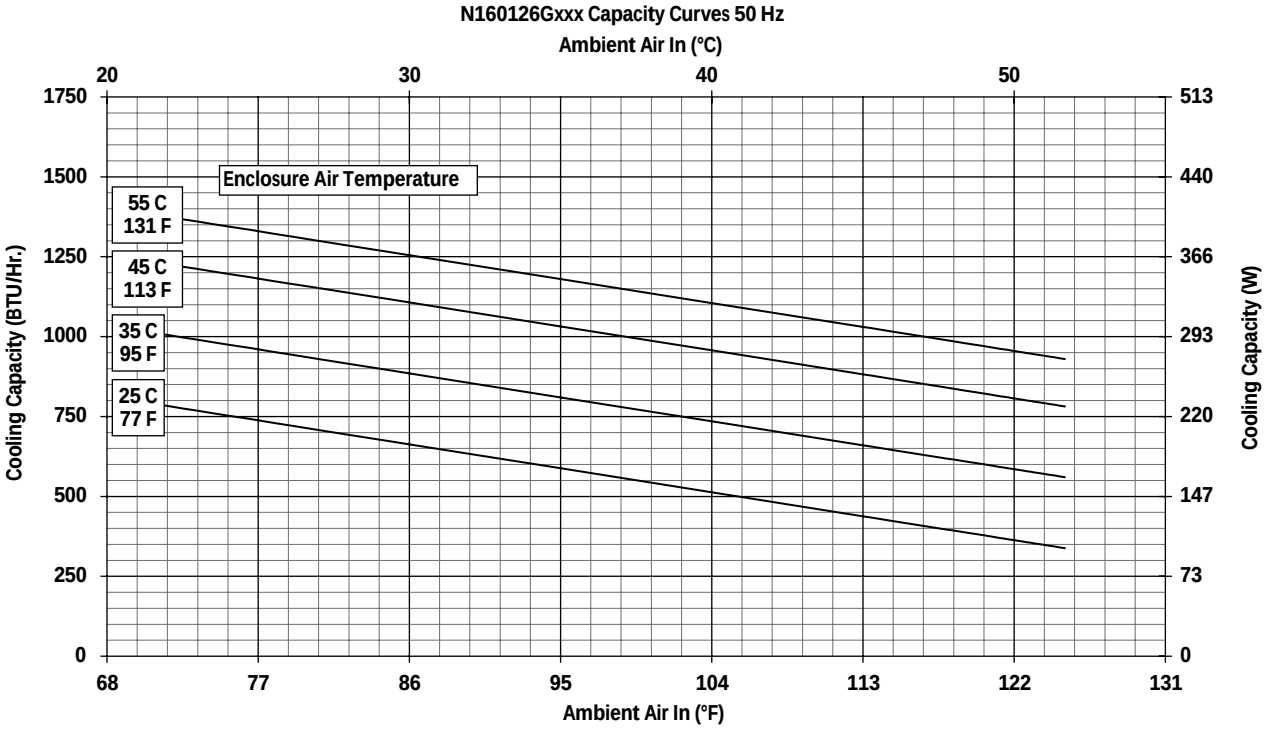
)Tmhsr vhsg Qd l nsd @bbdrr Bnmsqnk tshkhyd ` chfhs`k bnmsqnkkdq `mc bn l l tmhb`sd uh` DsgdqMds.HO+ OqnÝmds+ Lncatr SBO.HO `mc RM L O nudq dsgdqmds nq l ncatr QST nudq USB.

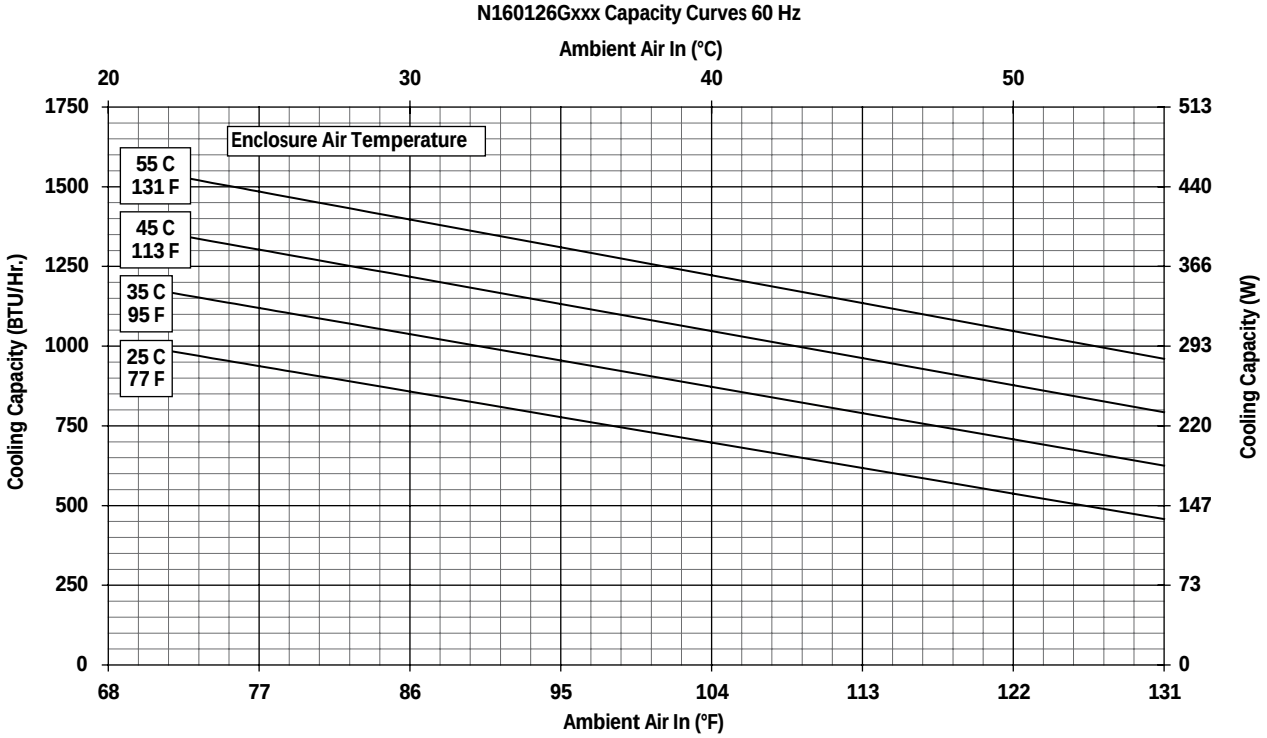
Performance Curves for N16 Models 800 BTU/Hr. (234 Watt)

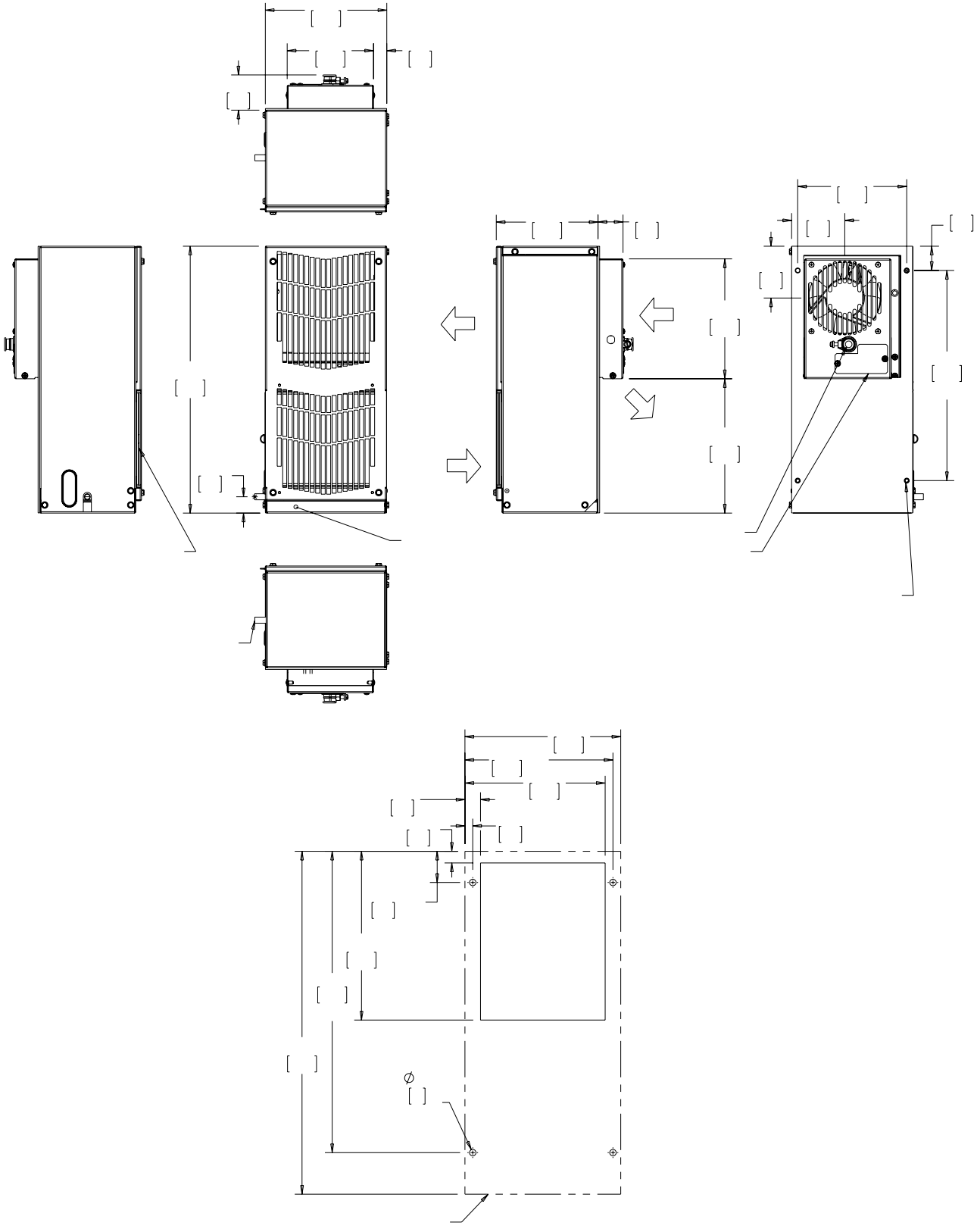




Performance Curves for N16 Models 800 BTU/Hr. (234 Watt)







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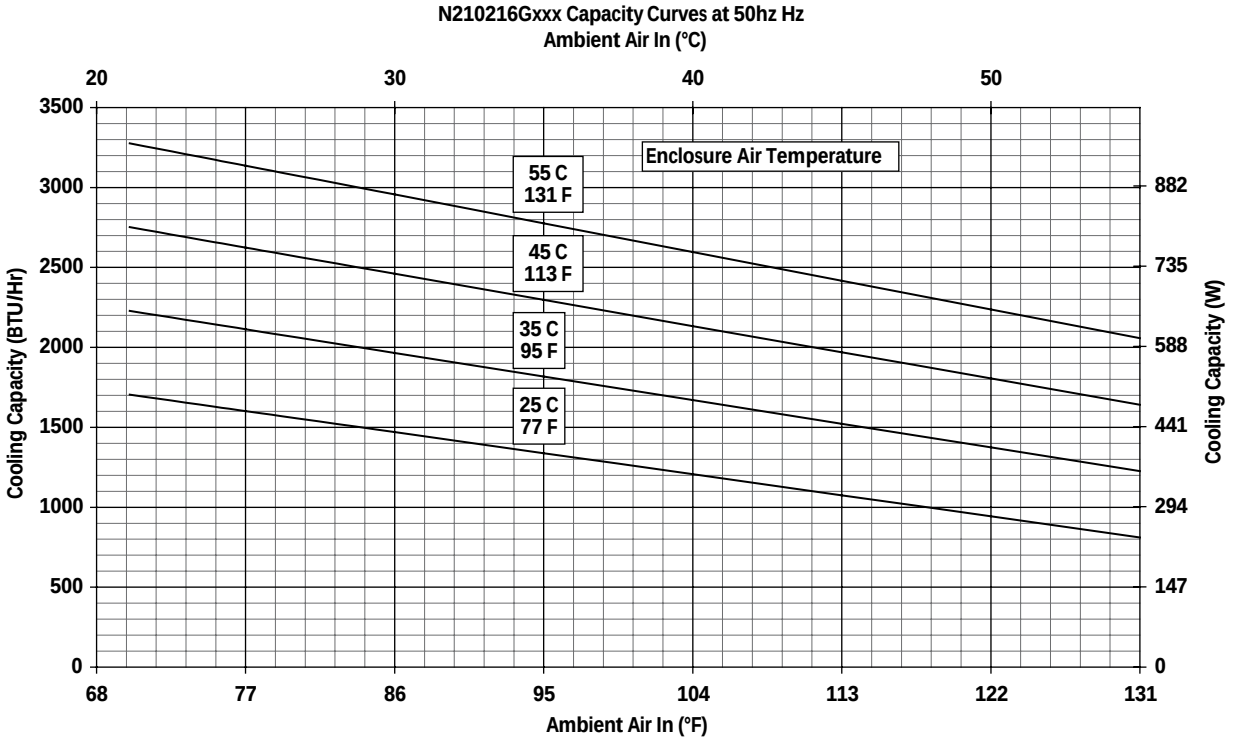
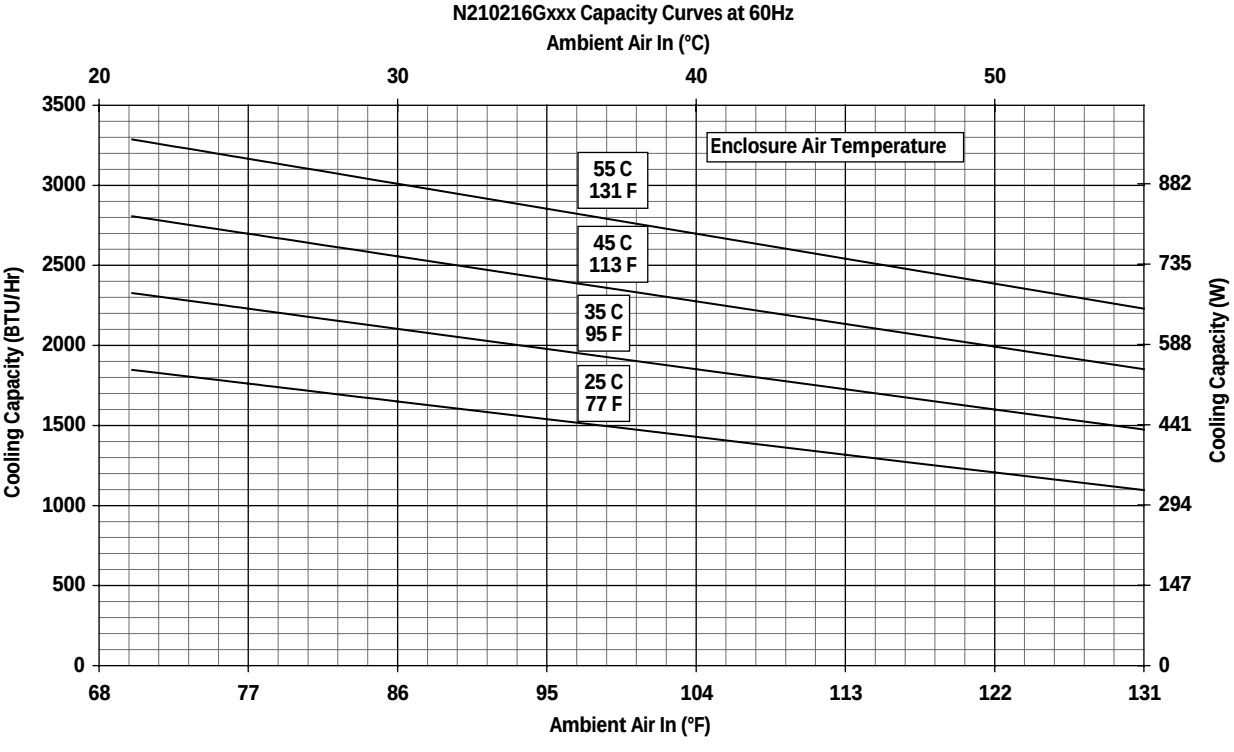
n b ¢M10 1/ / / AST.Gq- '475 V`ss(Lncdkr

B@S@KNF MTL ADQ			
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			
Mn I hm`k9			
AST.Gq-	**07/ / .1/ / /**	**07/ / .1/ / /**	**07/ / .1/ / /**
V`ssr	**417.475**	**417.475**	**417.475**
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			
Q`sdc Unks`fd	**004**	**12/**	**35/U 0OG**
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**		
RNTMC KDUDK			
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**

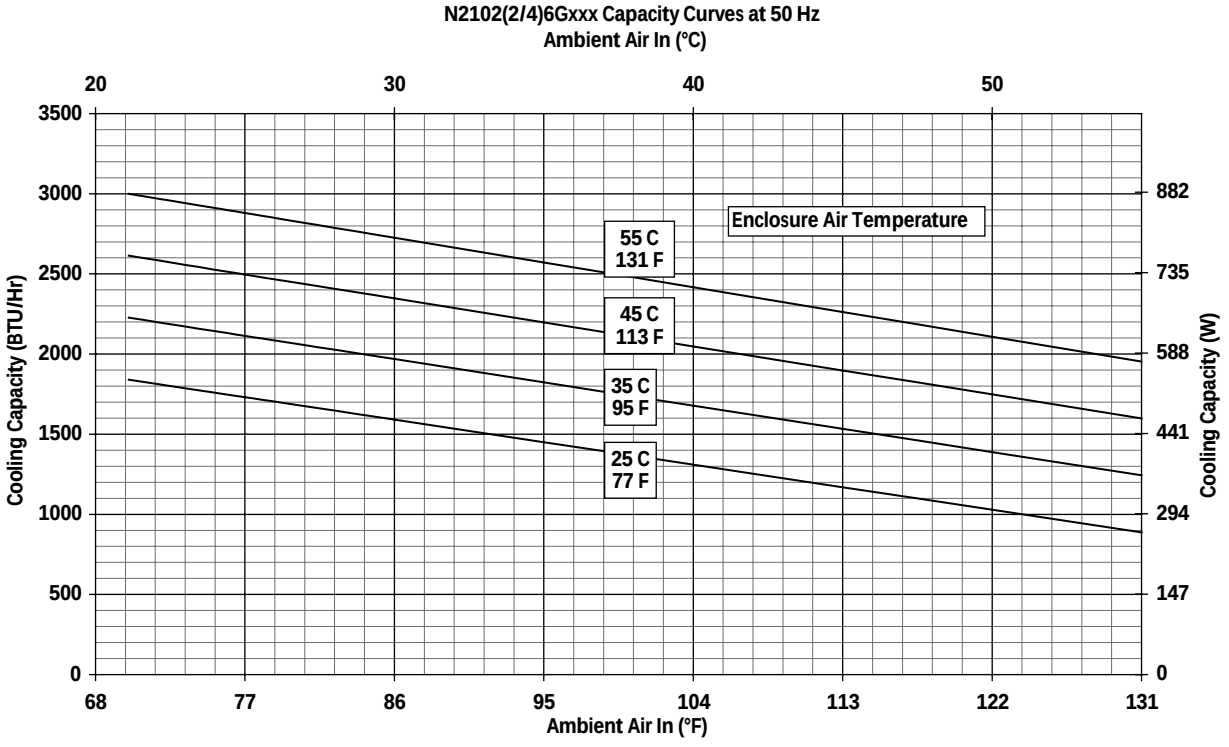
)Tmhsr vhsg Qd I nsd @bbdrr Bnmsqnk tshkhyd ` chfhs`k bnmsqnkkdq `mc bn I I tmhb`sd uh` DsgdqMds.#O+ Oqnĭmds+ Lncatr SBO.#O `mc RMLO nudq dsgdqmds nq I ncatr QST nudq USB.

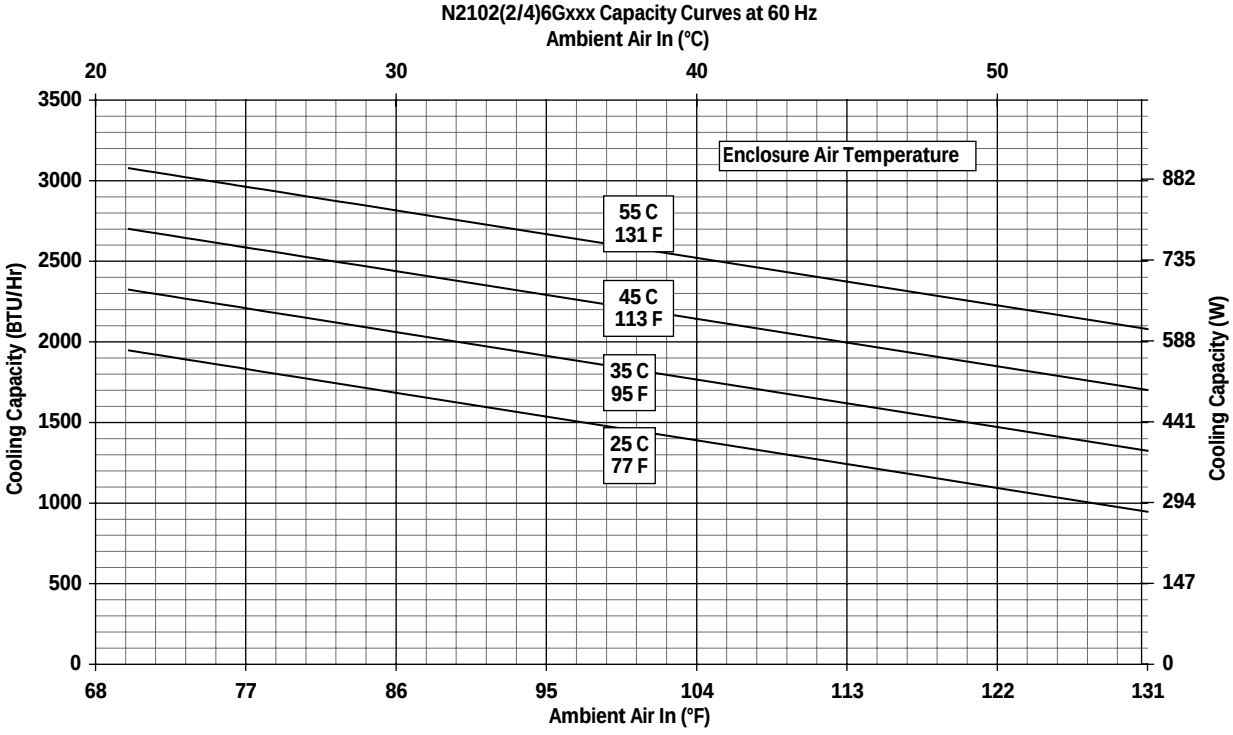
Performance Curves for N21 Models 2000 BTU/Hr. (586 Watt)

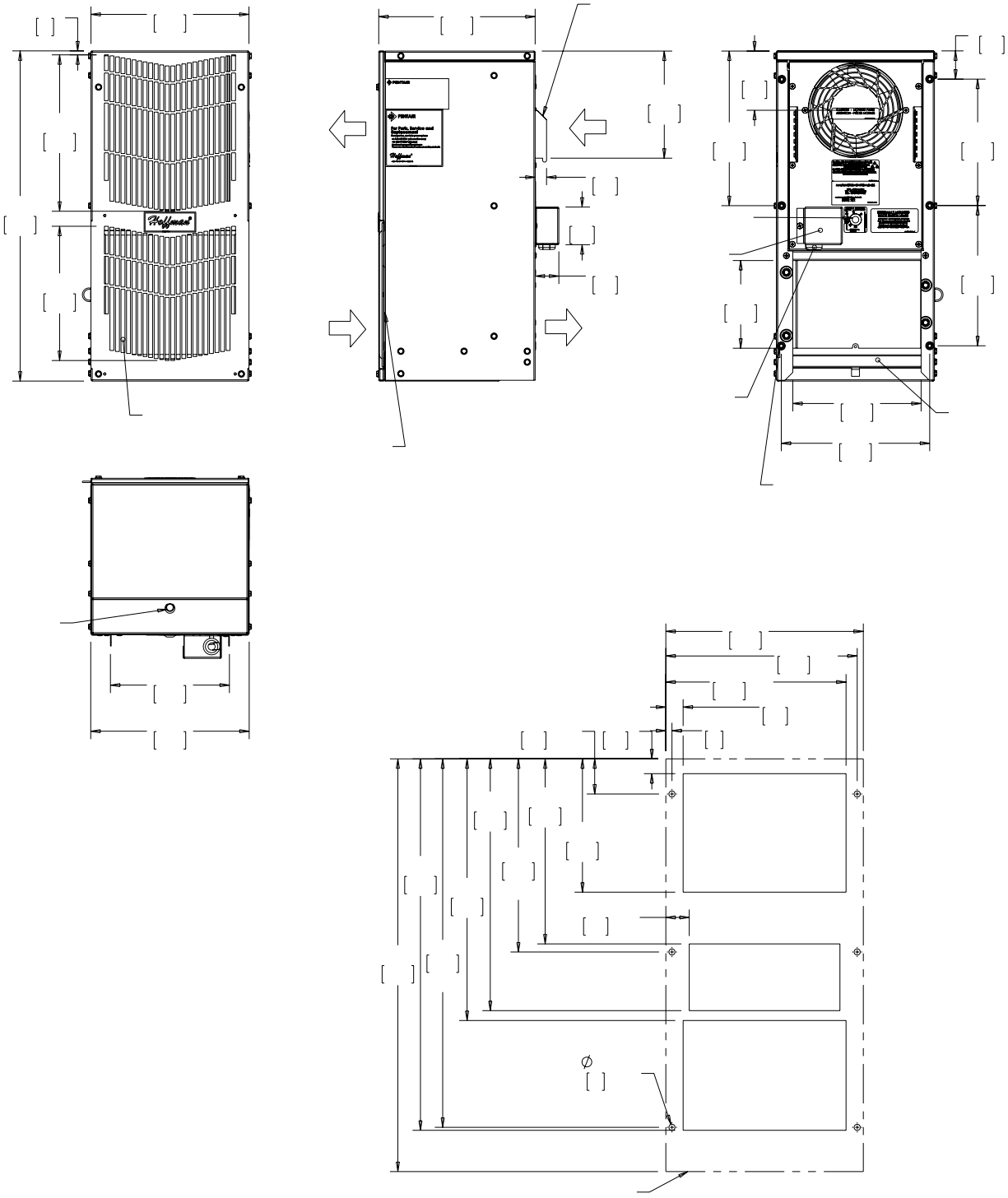




Performance Curves for N21 Models 2000 BTU/Hr. (586 Watt)







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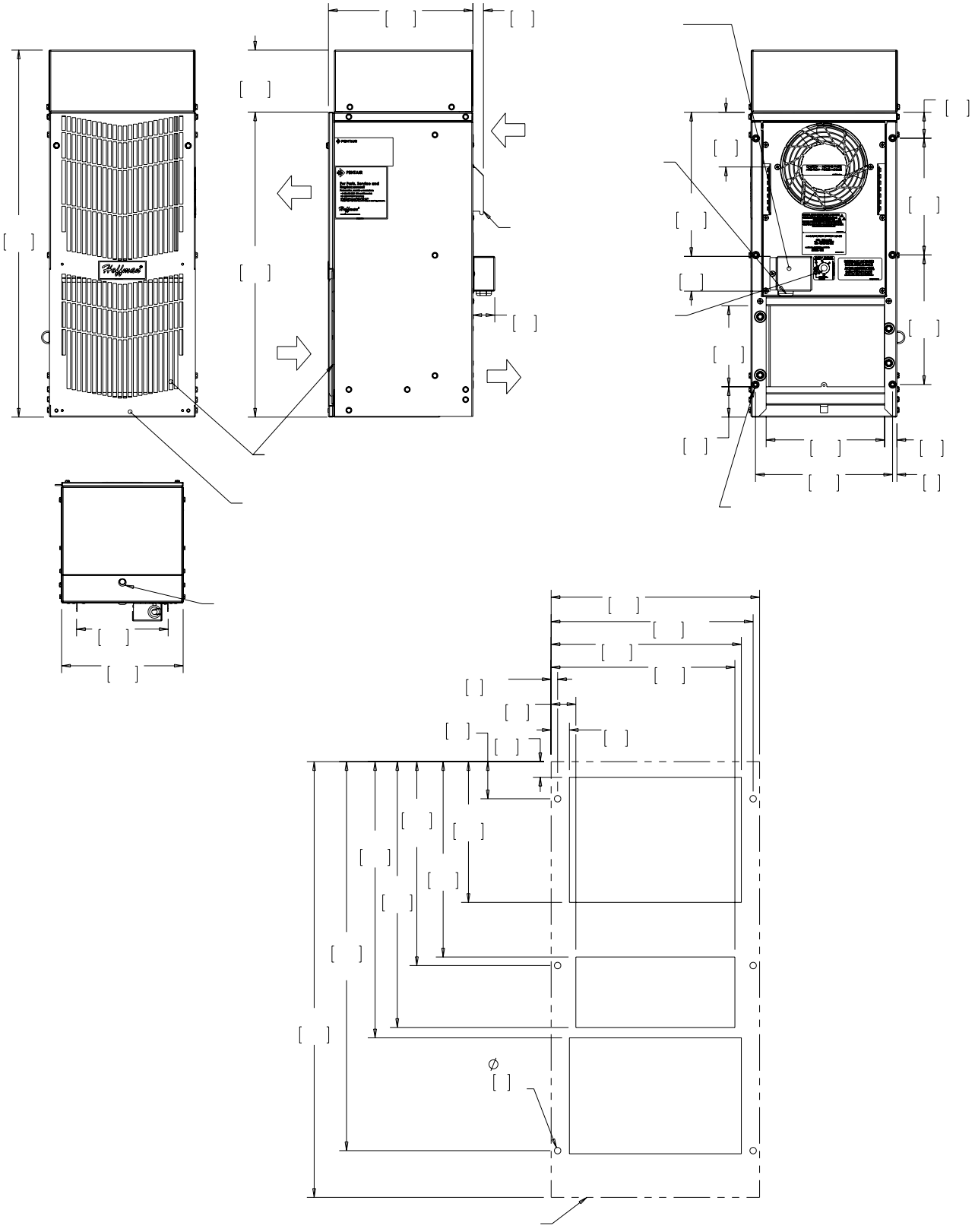

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N43
11000 BTU/Hr.
3223 Watt

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

N28
4000 BTU/Hr.
1172 Watt

INDUSTRY STANDARDS

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APPLICATION

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FEATURES

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SPECIFICATIONS

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n b ¢M17 3/ / / AST.Gq- '0061 V`ss(

B@S@KNF MTL ADQ			
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			
Mn l hm`k9			
ASTr.Gq-	**27/ / . 3/ / /**	**27/ / . 3/ / /**	**27/ / . 3/ / /**
V`ssr	**0003 . 0061**	**0003 . 0061**	**0003 . 0061**
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			
Q`sdc Unks`fd	**00/ . 004**	**12/**	**35/U 0OG**
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**	
RNTMC KDUDK			
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**

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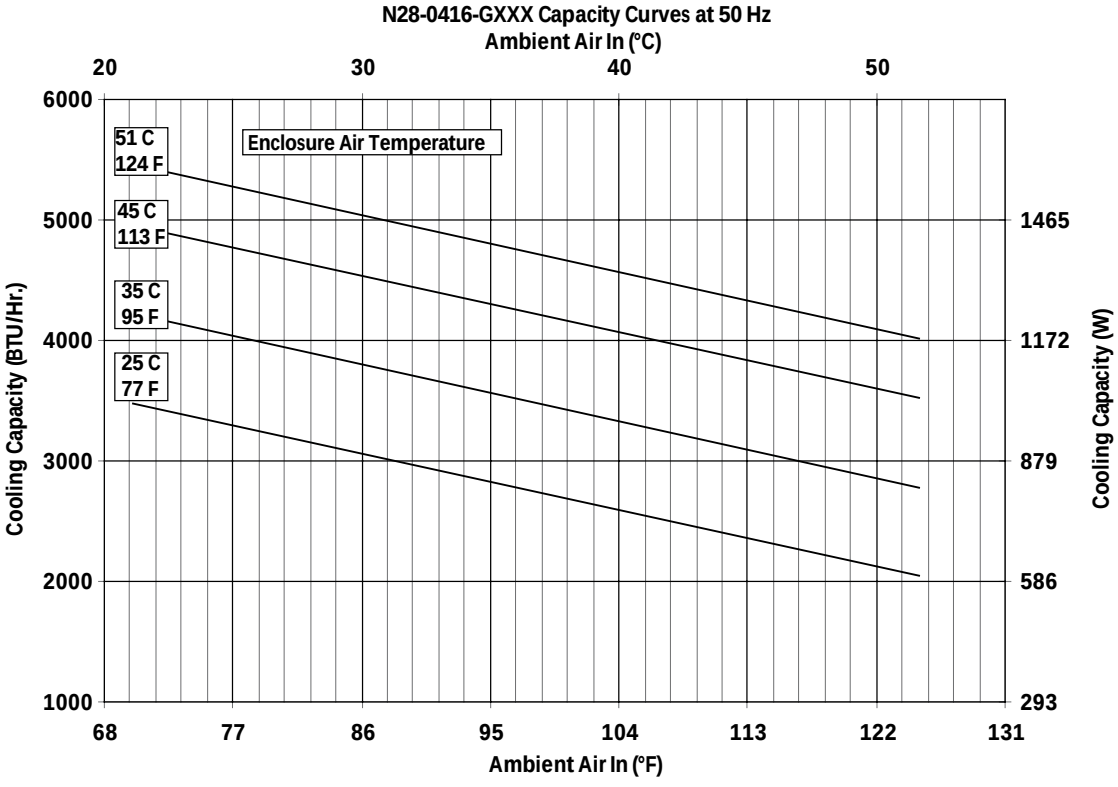
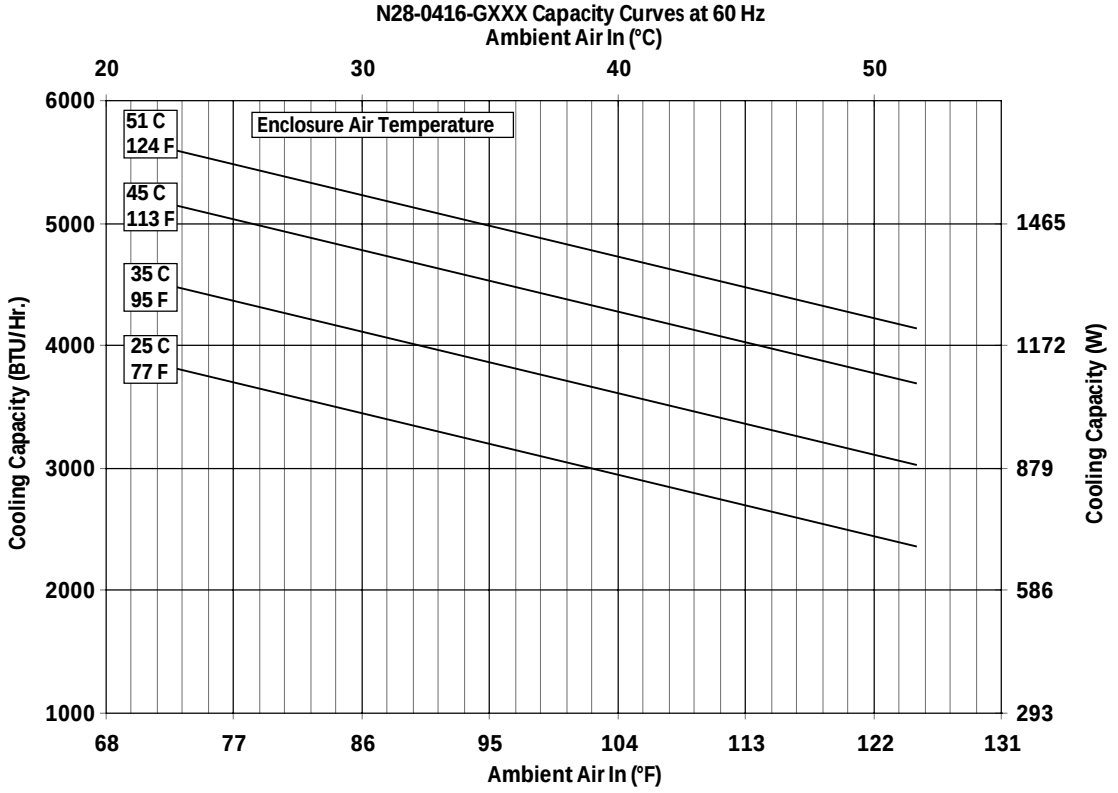
Performance Curves for N28 Models 4000 BTU/Hr. (1172 Watt)





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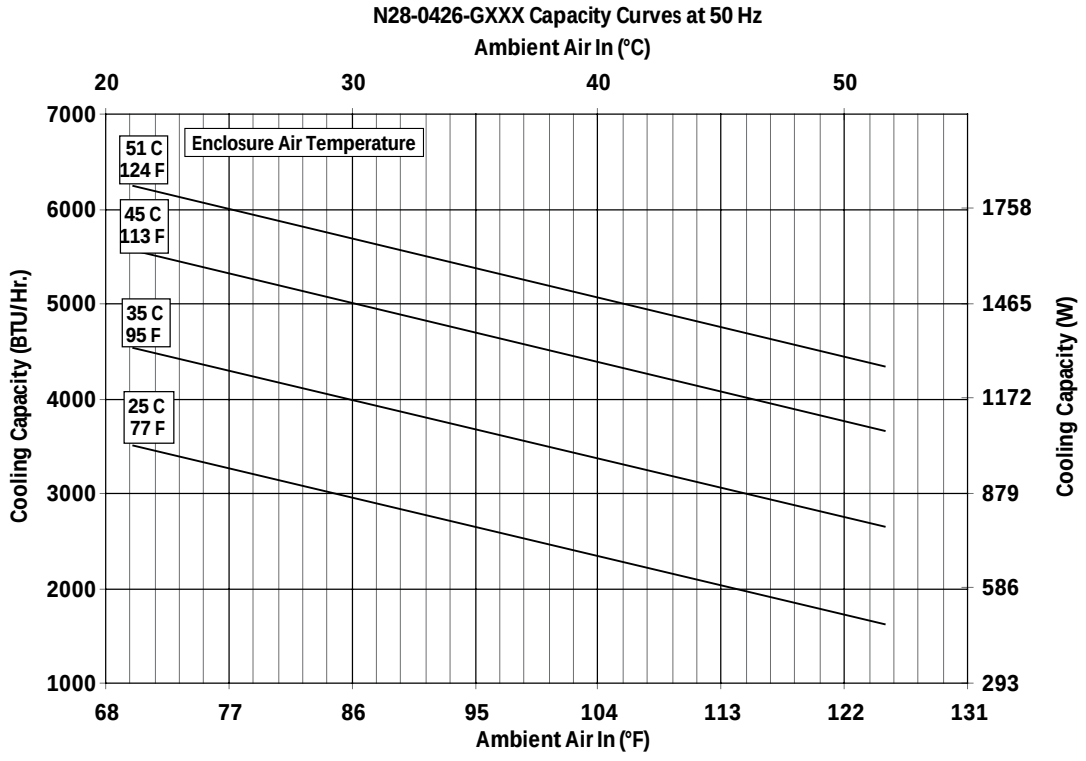
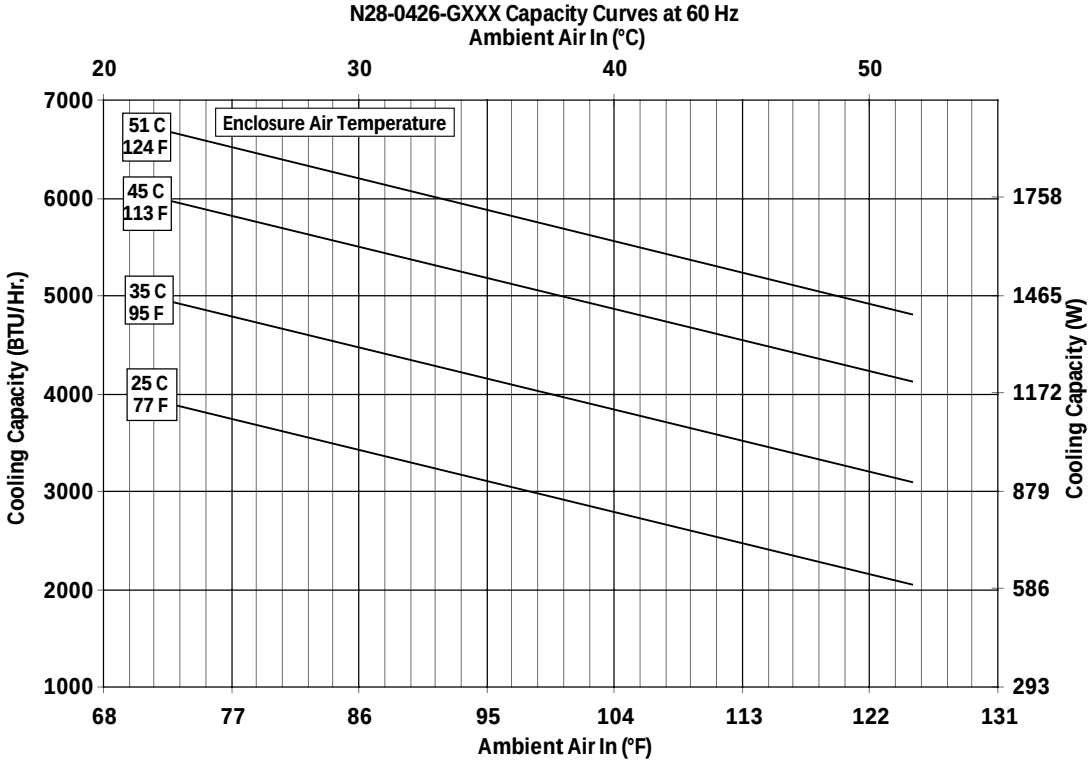
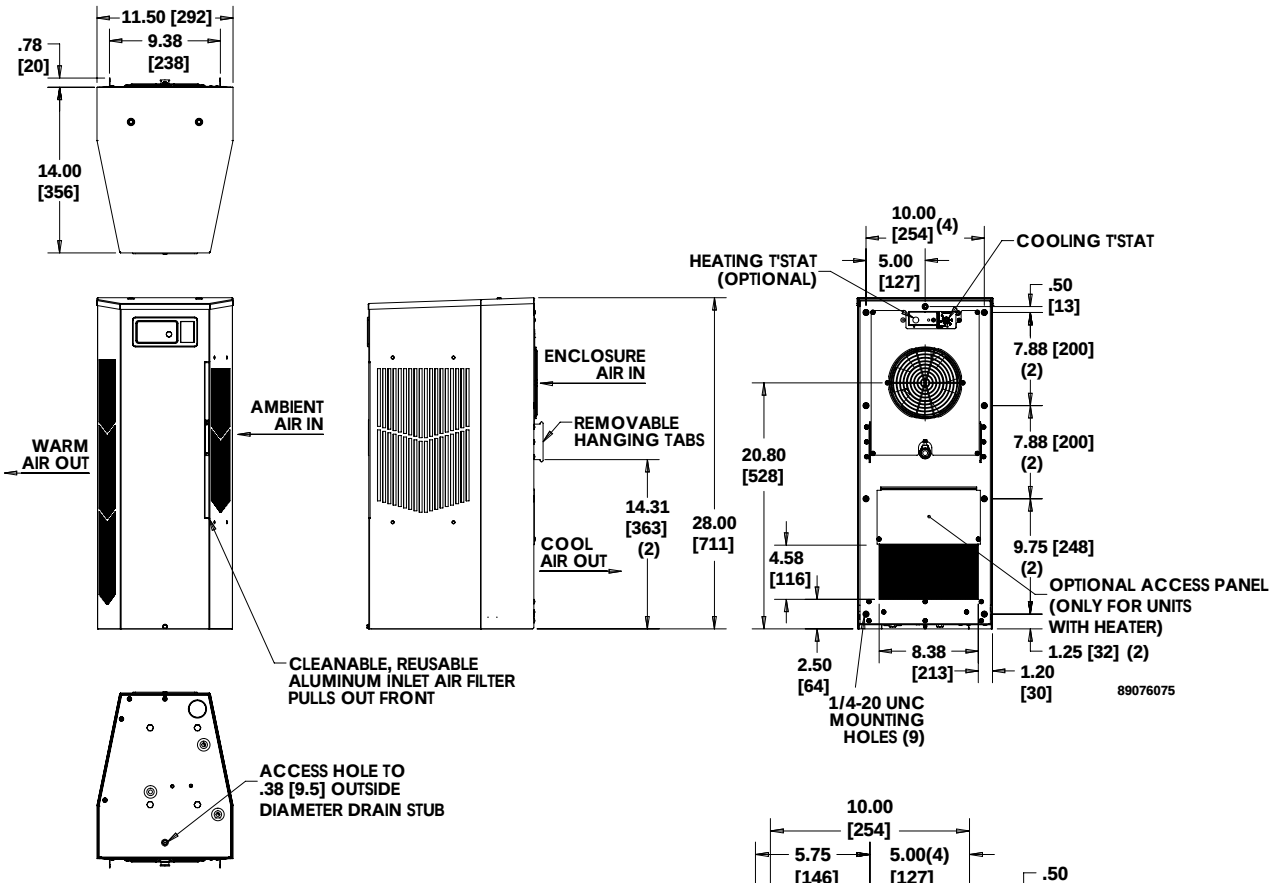
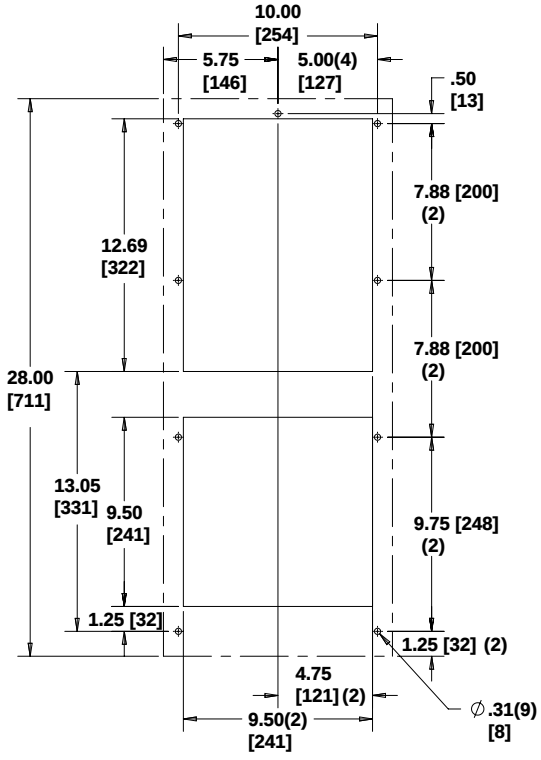




N28 Models 4000 BTU/Hr. (1172 Watt)





Cutout Dimensions

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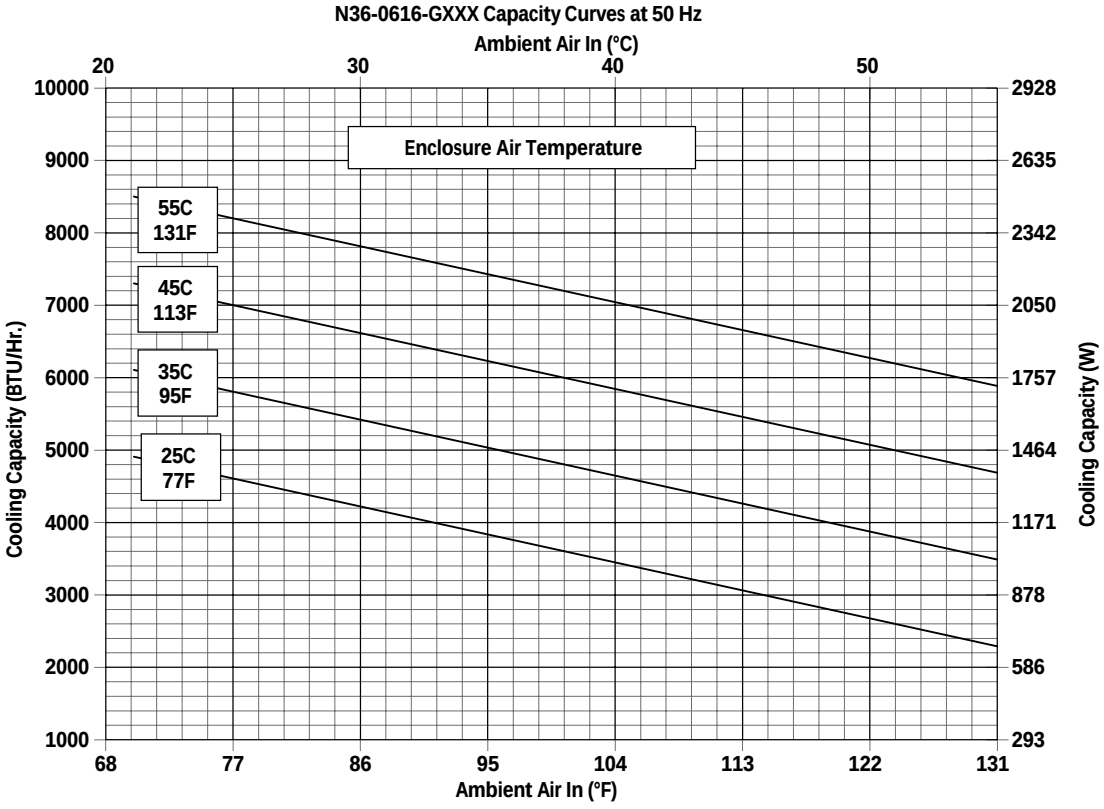
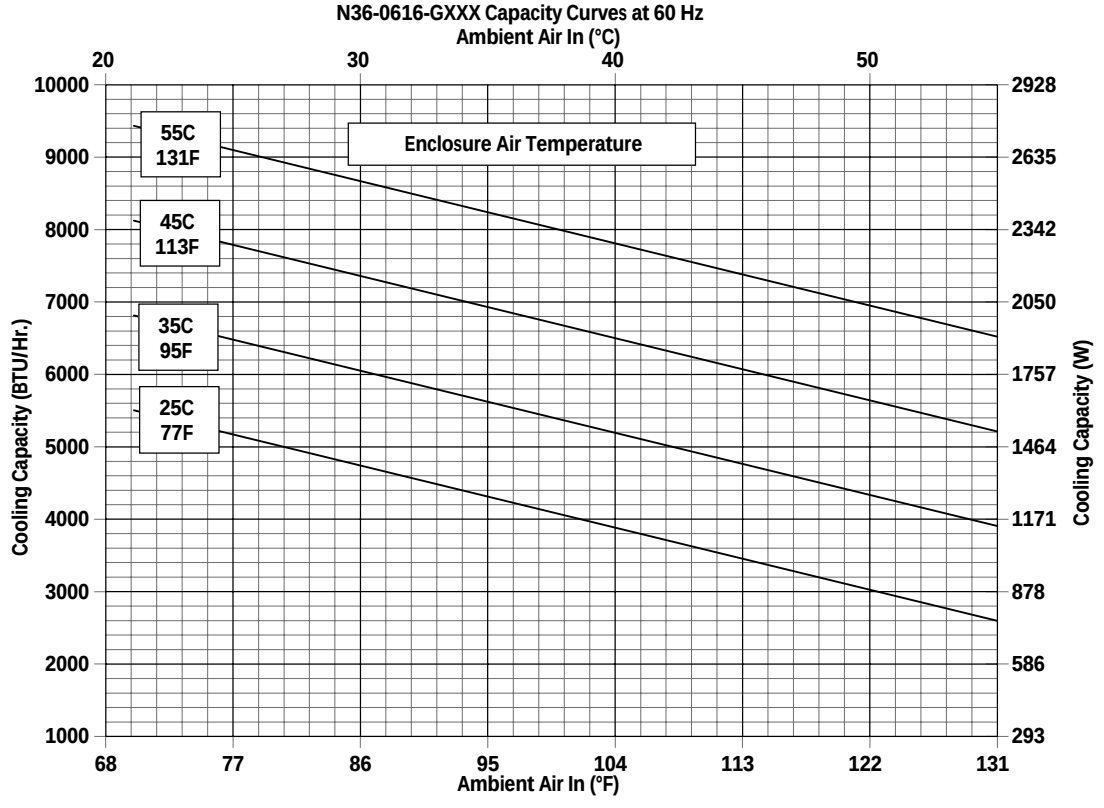
B@S@KNF MTL ADQ						
Indoor Model	N360616G050	N360626G050	N360646G050	N360816G050	N360826G050	N360846G050
Indoor Model Stainless Steel Type 4X	N360616G051	N360626G051	N360646G051	N360816G051	N360826G051	N360846G051
Indoor Model with Remote Access Control*	N360616G060	N360626G060	N360646G060	N360816G060	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						
Mn l hm`k9						
AST.Gq-	43/ / . 5/ / /	43/ / . 5/ / /	43/ / . 5/ / /	60/ / . 67/ /	63/ / . 7/ / /	714/ . 74/ /
V`ssr	0470 . 0646	0470 . 0646	0470 . 0646	1/70 . 1175	1058 . 1234	1173 . 13/0
At 131 F / 131 F (55 C / 55 C):						
BTU/Hr. (50 / 60 Hz)	5639/6217	5771 / 6410	5300 / 6089	7074 / 7754	7444 / 7955	7311 / 7940
Watts (50 / 60 Hz)	1653/1822	1691 / 1879	1553 / 1785	2073 / 2272	2182 / 2331	2143 / 2327
At 95 F / 95 F (35 C / 35 C):						
BTU/Hr. (50 /60 Hz)	5104/5654	5613 / 5647	5572 / 6026	6248 / 6739	6515 / 6855	6448 / 6716
Watts (50 / 60 Hz)	1496/1657	1645 / 1655	1633 / 1766	1831 / 1975	1909 / 2009	1890 / 1968
Refrigerant	R134a	R134a	R134a	R134a	R134a	R134a
Refrigerant Charge (ounces/grams)	20 / 567	22 / 624	16 / 454	27 / 765	32 / 907	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	353 / 600	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	396 / 673	382 / 648	394 / 669
Max. Heater W (Outdoor Models)	1300	1300	1300	1300	1300	1300
ELECTRICAL DATA						
Q`sdc Unks`fd	004	12/	3/ / . 35/ 2}	004	12/	3/ / . 35/ 2}
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)	914 / 1074	949 / 1097	697 / 895	1100 / 1333	1199 / 1476	1327 / 1647
Max. Nominal Current (Amps at 50 / 60 Hz)	8.6 / 9.4	4.7 / 5.0	1.59 / 1.69	9.9 / 11.6	5.1 / 6.6	3.0 / 3.3
Starting Current (Amps)	39.5	21.0	8.1	38.0	19.0	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					
RNTMC KDUDK						
At 1.5 Meters	66.9 dBA	66.7 dBA	68.2 dBA	74.5 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 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

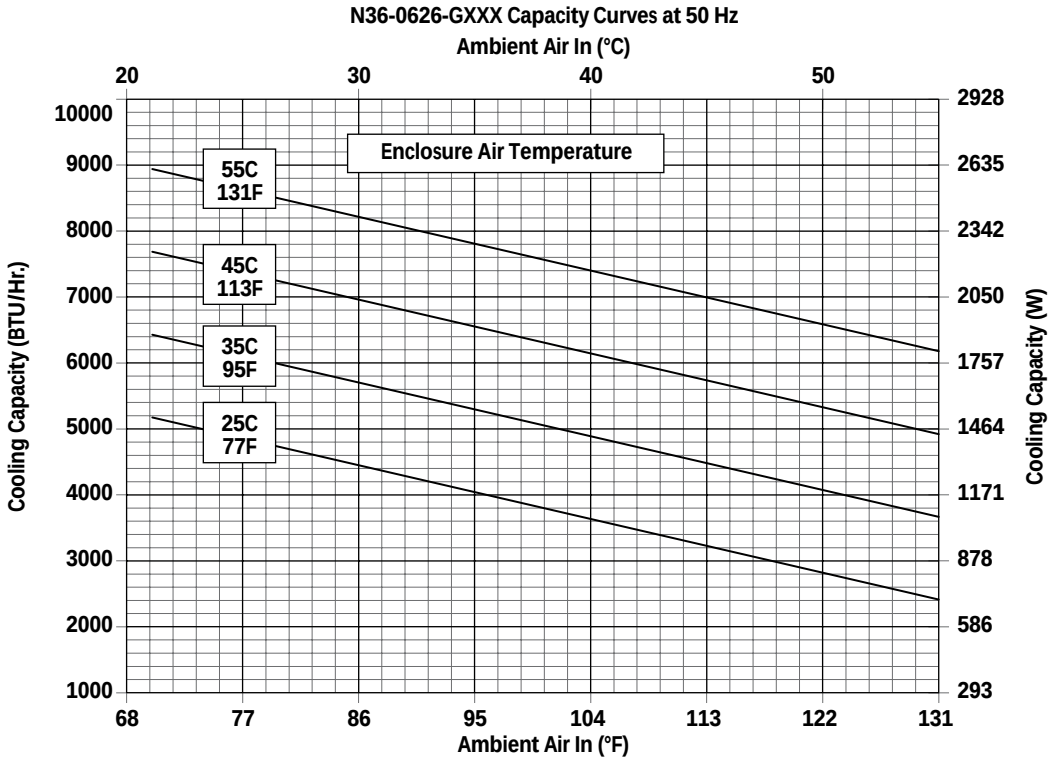
)Tmhsr vhsg Qd l nsd @bbdrr Bnmsqnk tshkhyd ` chfhs`k bnmsqnkkdq `mc bn l l tmhb`sd uh` DsgdqMds.HO+ OqnÝmds+ Lncatr SBO.HO `mc RMLO nudq dsgdqmds nq l ncatr QST nudq USB.

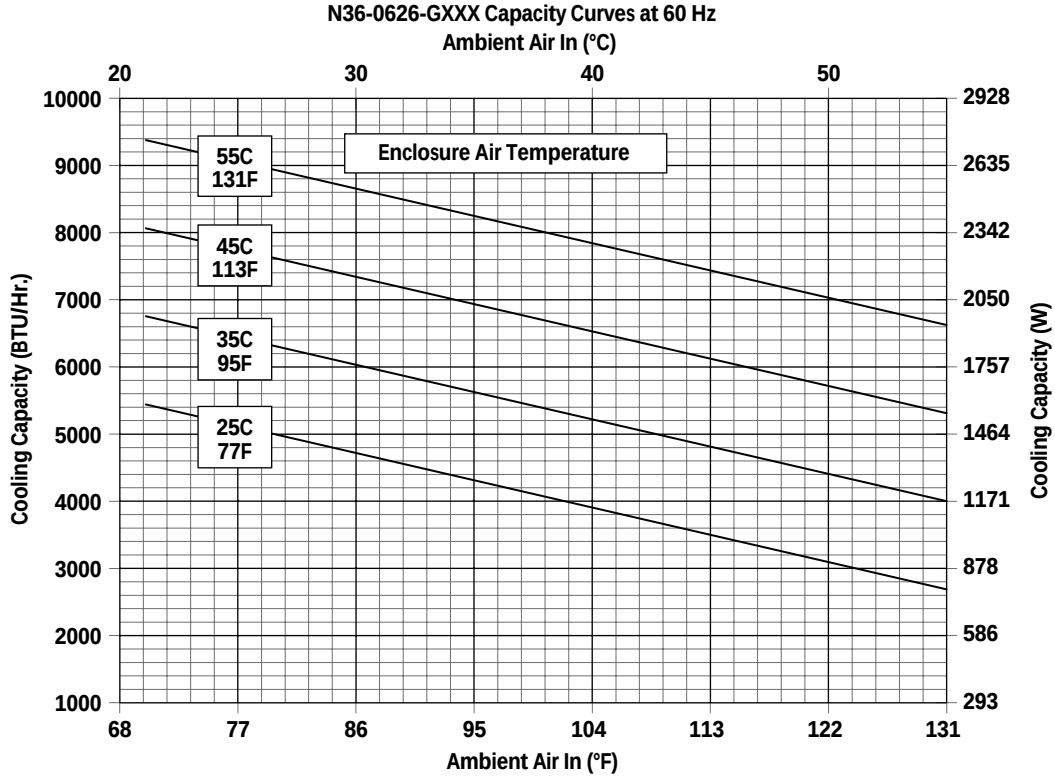
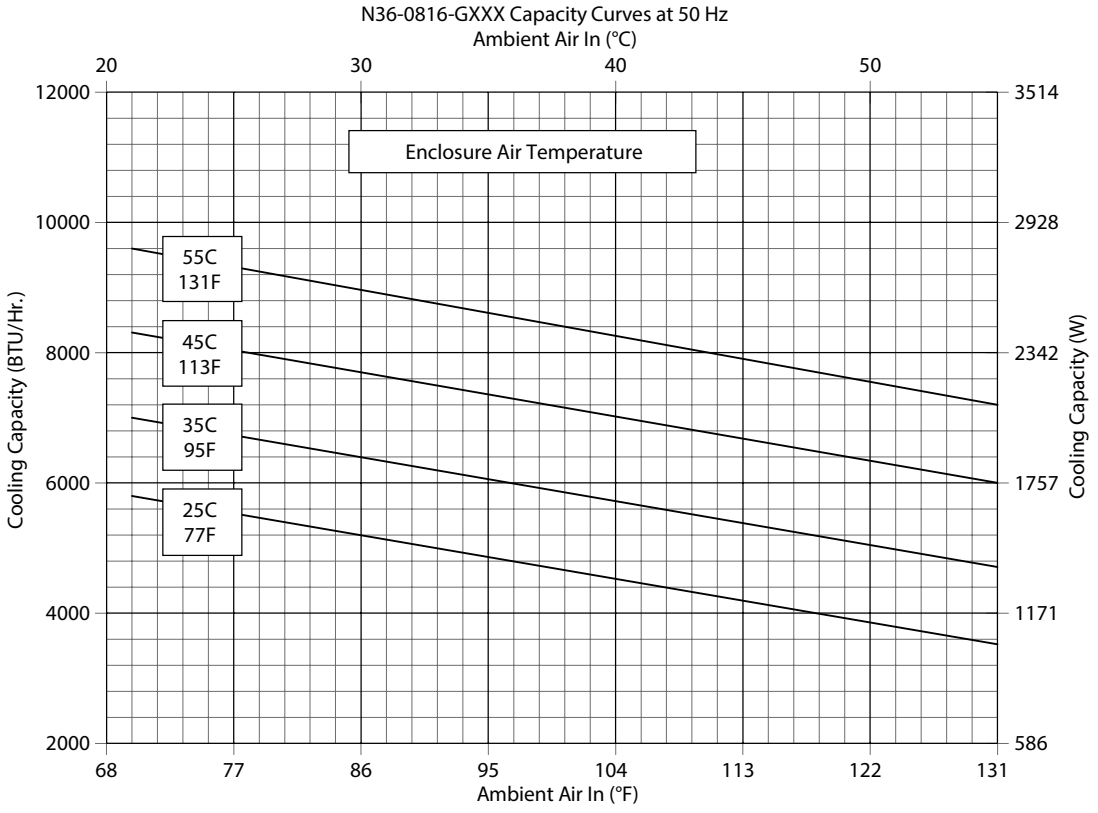
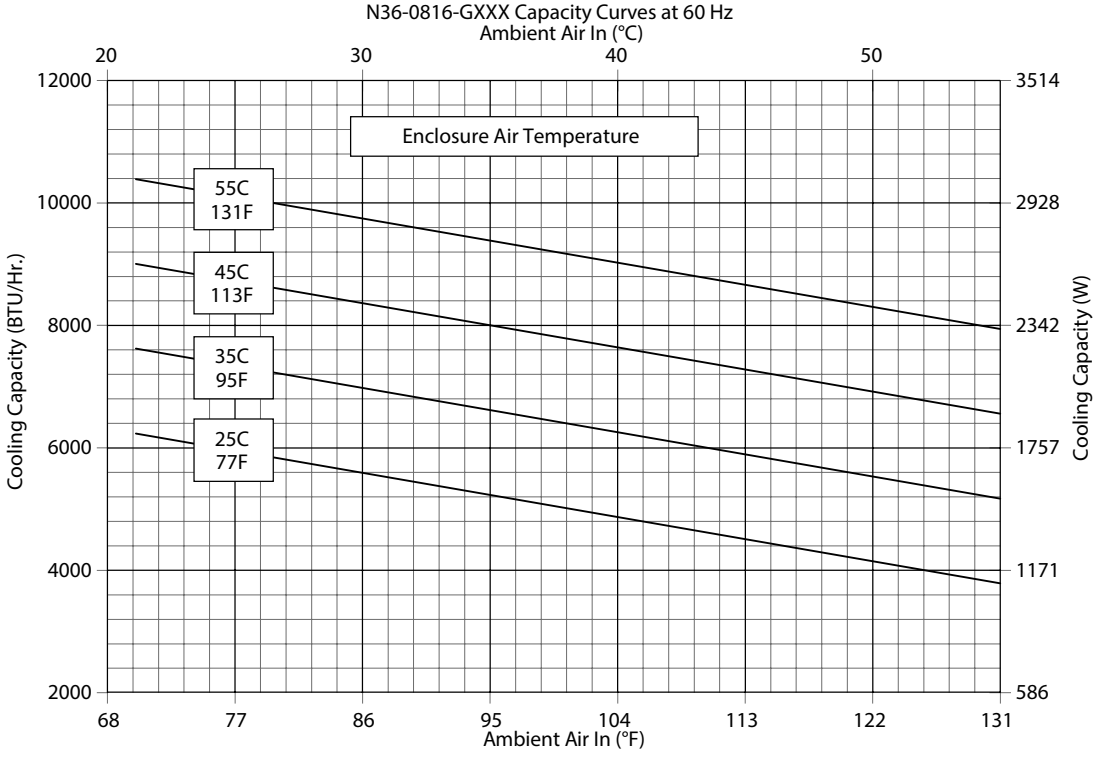
Performance Curves for N36 Models 6000 BTU/Hr. (1758 Watt)





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





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