

Spectracool Compact Indoor Sealed Enclosure Cooling



N17 115/230 Volt
1000 or 1800 BTU/Hr
293 or 527 W



N17 400/460 Volt
1000 or 1800 BTU/Hr
293 or 527 W

- 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 Indoor Air conditioner models also include:
 - Active condensate management
 - Power-off relay for door switch and other system requirements
 - Malfunction switch

INDUSTRY STANDARDS

UL/cUL Listed; type 12; File no. SA6453

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

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

FEATURES

- Narrow design accommodates 12-in deep cabinets
- R134a and R513A 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

SPECIFICATIONS

- Nominal cooling capacity:
N17 1000 BTU/Hr (293 W)
N17 1800 BTU/Hr (527 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 N17 MODELS 1000/1800 BTU/HR (300/527 WATT)**Catalog Number**

Indoor Model	N170116G010	N170126G010	N170146G010	N170216G010	N170226G010	N170246G010
Indoor Model with Remote Access Control*	N170116G020	N170126G020	N170146G020	N170216G020	N170226G020	N170246G020

Cooling Performance

Nominal:						
BTU/Hr (50/60 Hz)	908/1023	969/1184	969/1184	1398/1776	1513/1727	1513/1727
Watts (50/60 Hz)	266/300	284/347	284/347	409/520	443/506	443/506
Refrigerant	R134a or R513A	R134a or R513A	R134a or R513A	R134a or R513A	R134a or R513A	R134a or R513A
Refrigerant Charge (ounces/grams)	6.5/184	5/142	5/142	5.5/156	5.4/154	5.4/154
Operating Temperature Range:						
Maximum (°F/°C)	131/55	125/52	125/52	125/52	125/52	125/52
Minimum (°F/°C)	50/10	50/10	50/10	50/10	50/10	50/10
Airflow at 0 Static Pressure:						
Internal loop 50 Hz (CFM/m³/hr)	57/97	57/97	57/97	61/104	61/104	61/104
External loop 50 Hz (CFM/m³/hr)	96/163	96/163	96/163	98/167	98/167	98/167
Internal loop 60 Hz (CFM/m³/hr)	67/114	67/114	67/114	72/122	72/122	72/122
External loop 60 Hz (CFM/m³/hr)	114/194	114/194	114/194	118/200	118/200	118/200

Electrical Data

Rated Voltage	110/115	220/230	400/460	110/115	220/230	400/460
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)	337/356	345/376	375/407	642/728	639/667	543/603
Max. Nominal Current (Amps at 50/60 Hz)	4.4/4.4	2.7/2.7	1.2/1.2	7.0/7.0	3.1/3.1	2.0/2.0
Starting Current (Amps)	18	4.25	8.5	28	14.4	7.2
Agency Approvals	UL/cUL Listed CE					
Power Input Description	Terminal Block					

Enclosure Protection

UL Type	Type 12
IP	IP 54 Internal Loop, IP 34 External Loop

Controller (...G010 Models)

Thermostat Location	Behind Cover, Right Side
Factory Thermostat Setting (°F/°C)	80/27

Controller (...G020 Models)

Thermostat Location	Ambient Side
Factory Thermostat Setting (°F/°C)	80/27

Sound Level

At 1.5 Meters	65.0 dBA
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Unit Construction

Material	Galvanized sheet metal standard
Finish	RAL 7035 light-gray, semi-textured powder-coat paint standard. Other colors available

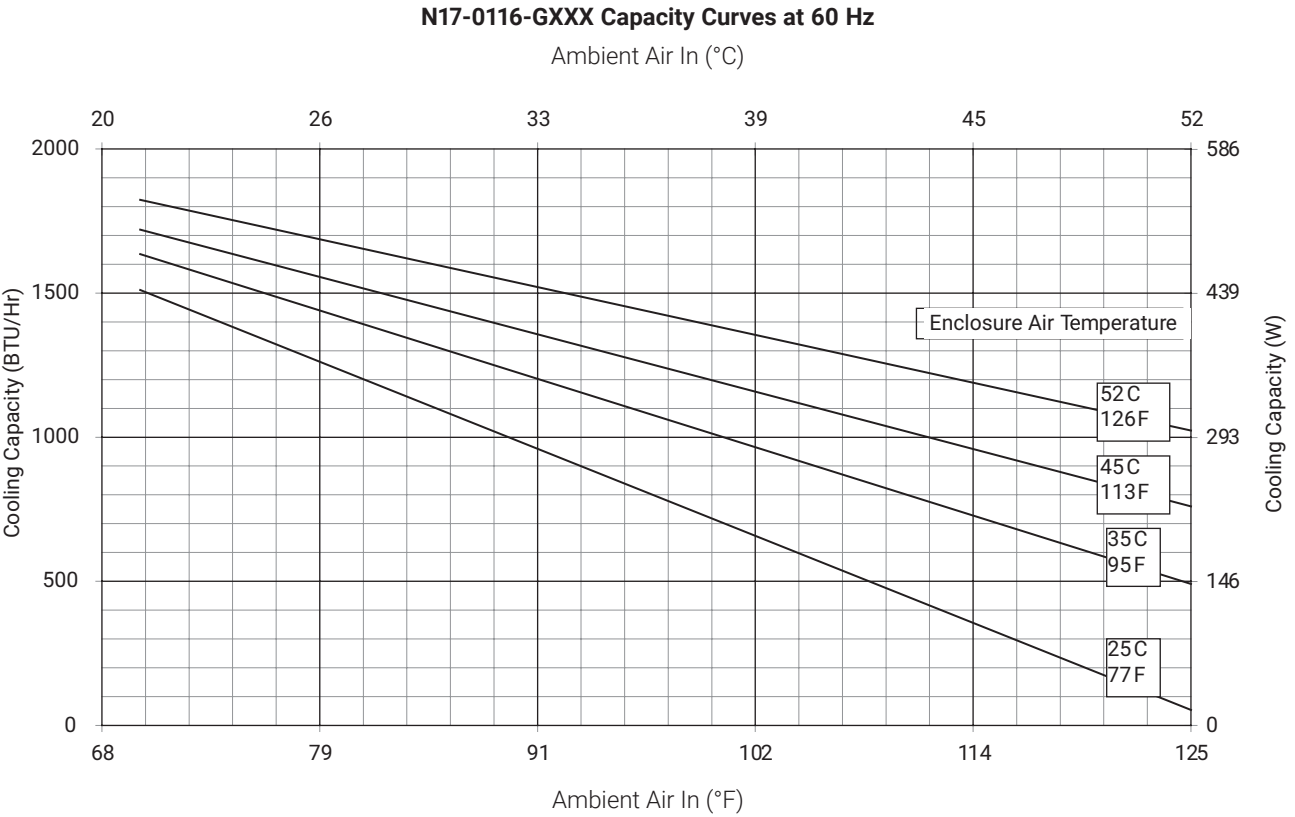
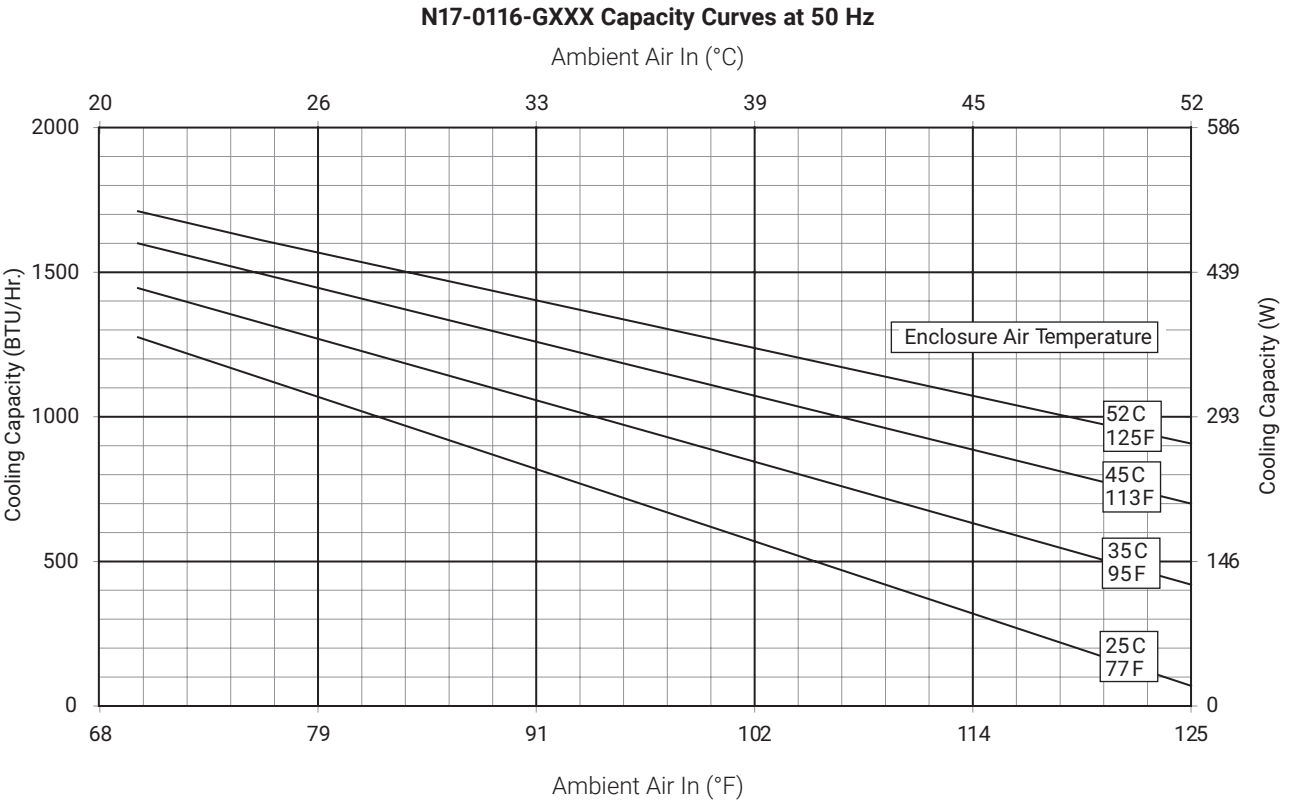
ACCESSORIES

EASYSWAP Adaptor Plenum (GENESIS M13)	Enables SPECTRACOOOL to be mounted to a GENESIS M13 air conditioner cutout Catalog Number PLM13N17 NOTE: EASYSWAP adaptor plenum not required for M17. It is the same cutout as N17.
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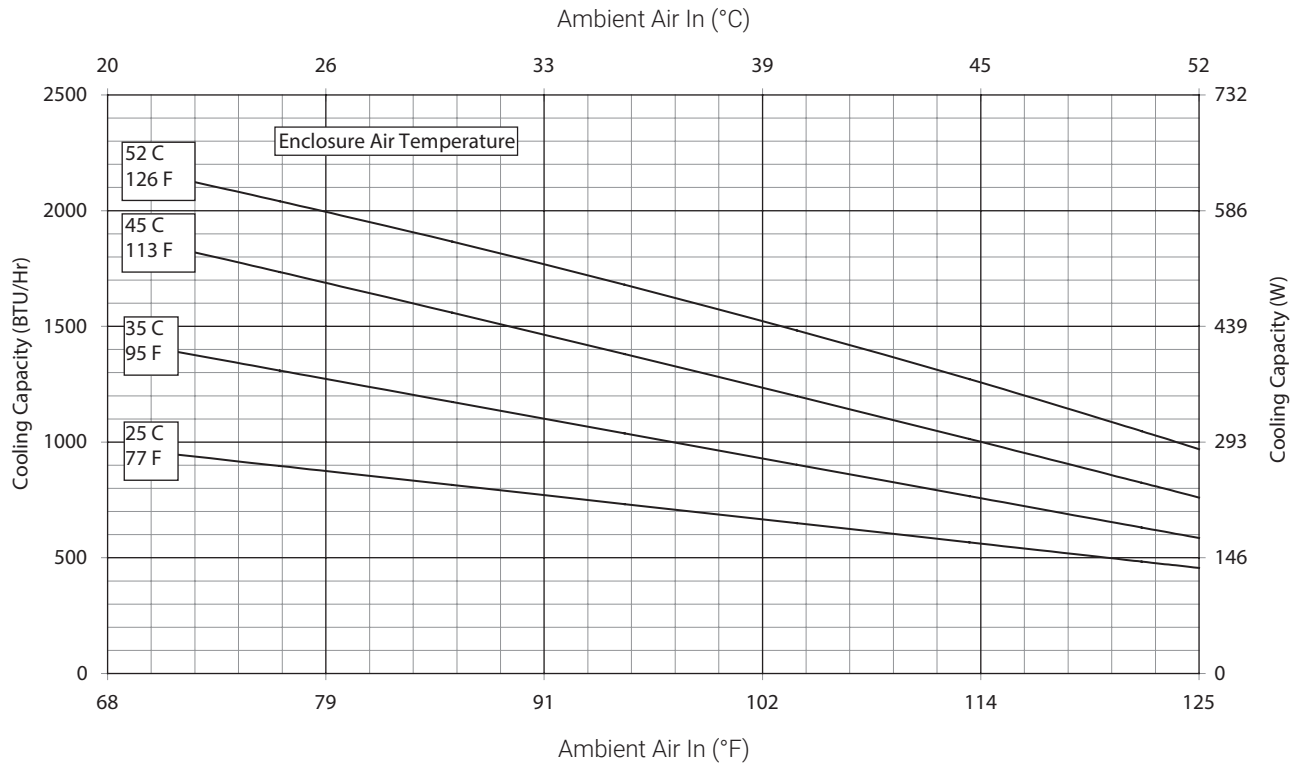
Unit Dimensions

Height (in/mm)	17.64/448.1	17.64/448.1	22.14/562.4	17.64/448.1	17.64/448.1	22.14/562.4
Width (in/mm)	12.0/304.8	12.0/304.8	12.0/304.8	12.0/304.8	12.0/304.8	12.0/304.8
Depth (in/mm)	8.4/213.4	8.4/213.4	8.4/213.4	8.4/213.4	8.4/213.4	8.4/213.4
Weight (lb/kg)	60/27.2	48.9/22.2	65/29.5	54/24.5	54.6/24.8	72.3/32.8

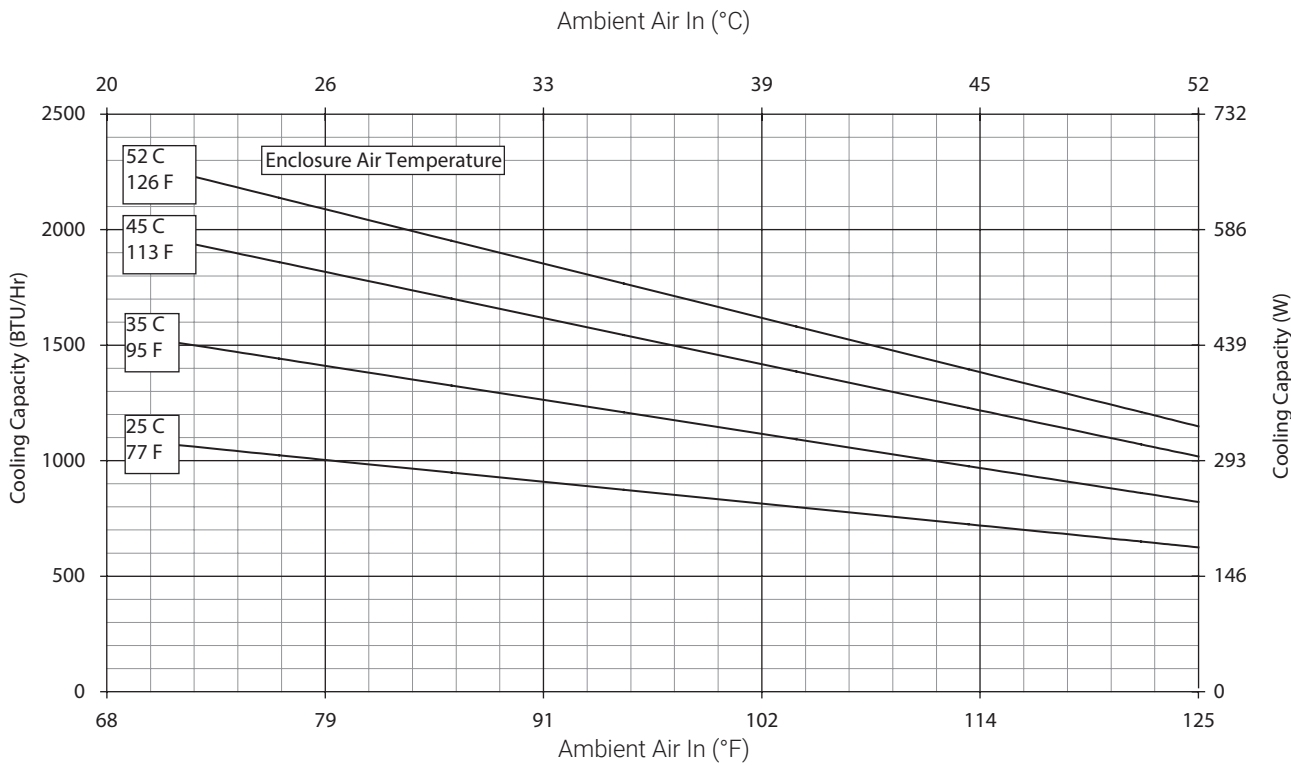
*Units with Remote Access Control utilize a digital controller and communicate via EtherNet/IP, Profinet, Modbus TCP/IP and SNMP over ethernet or modbus RTU over USB.



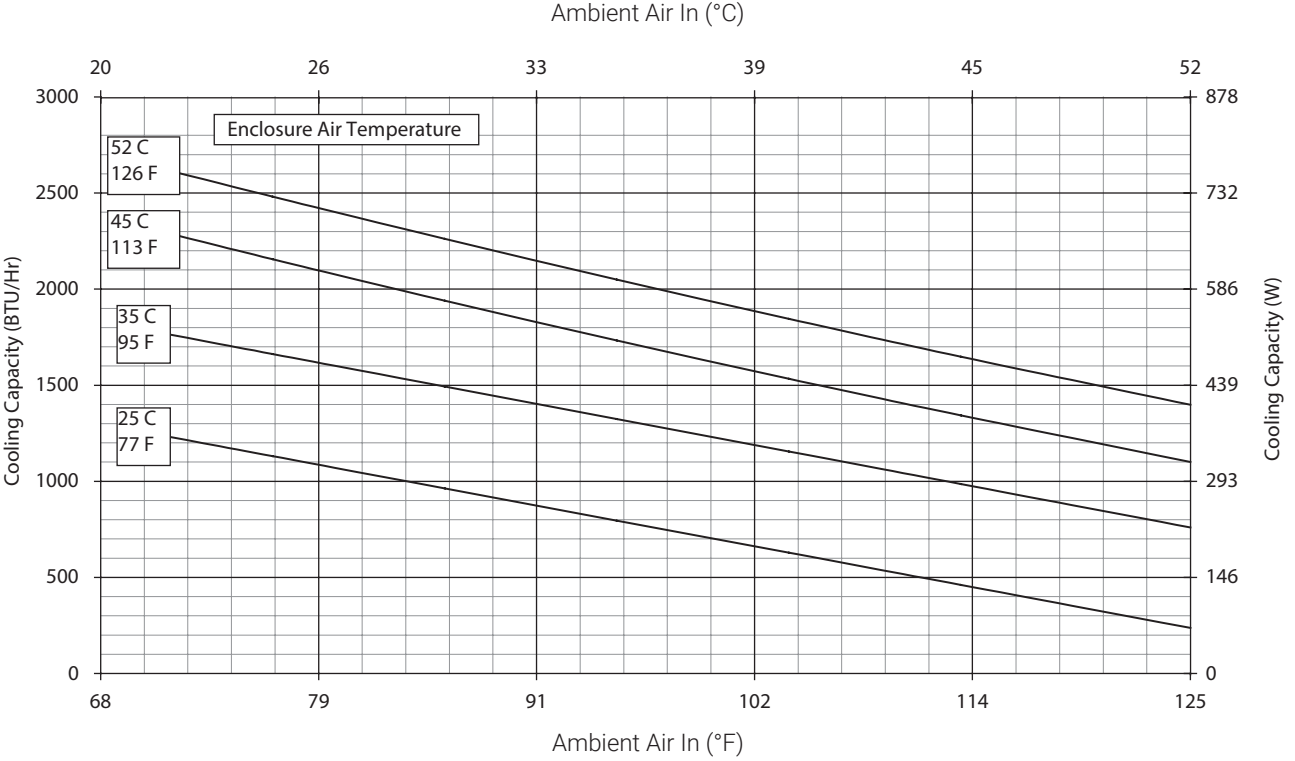
N17-01(2/4)6-GXXX Capacity Curves at 50 Hz



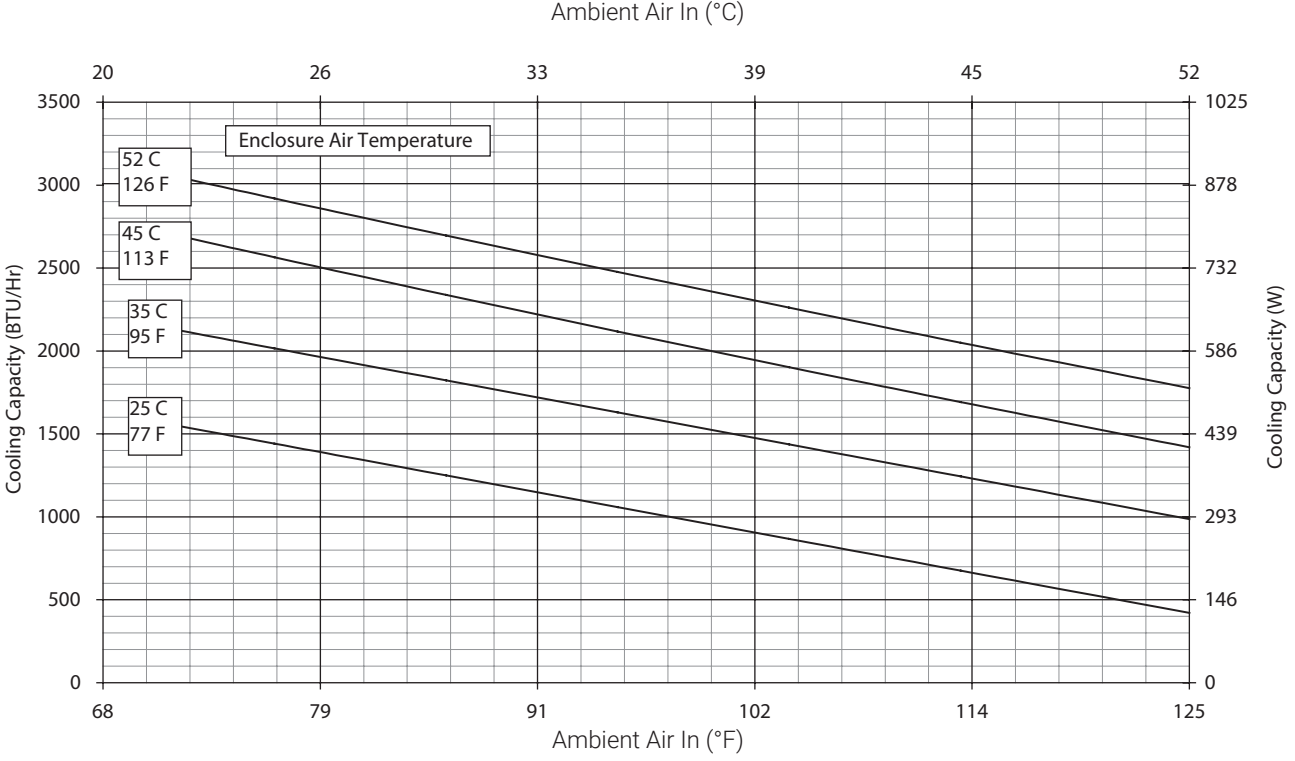
N17-01(2/4)6-GXXX Capacity Curves at 60 Hz



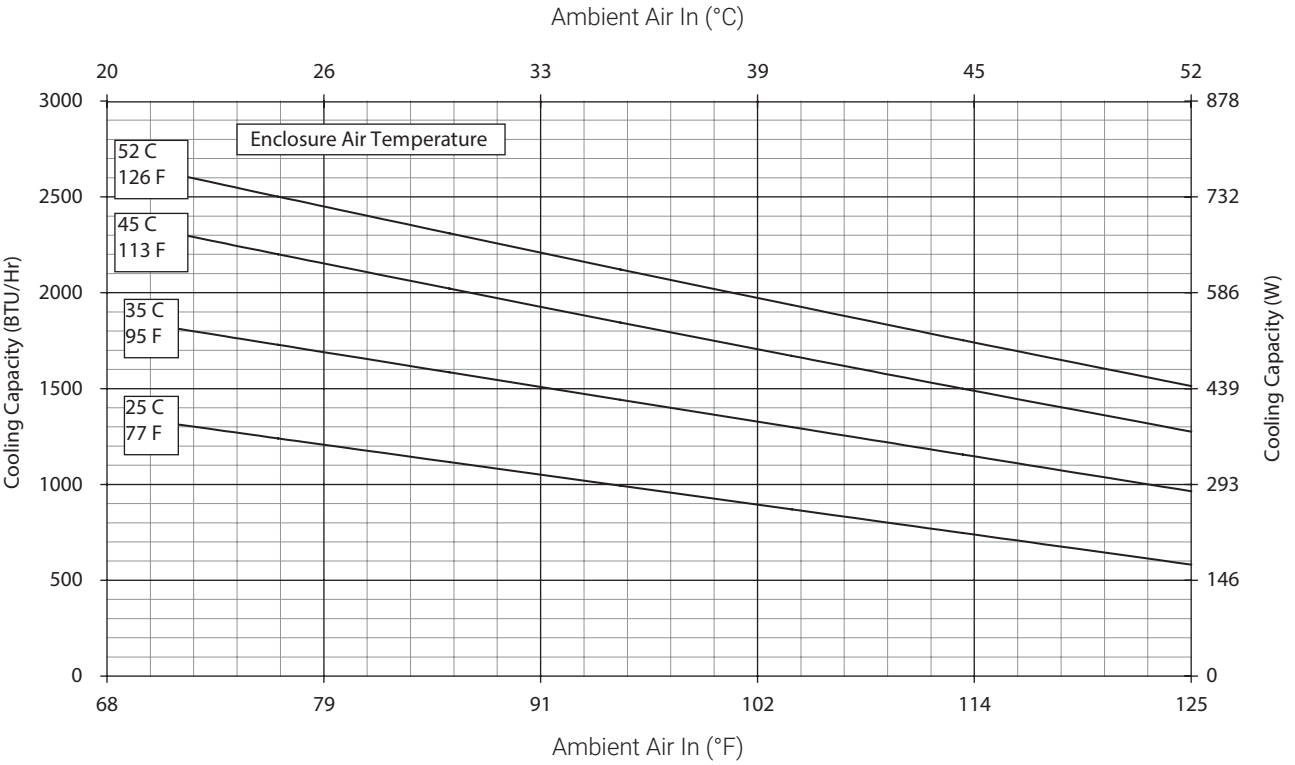
N17-0216-GXXX Capacity Curves at 50 Hz



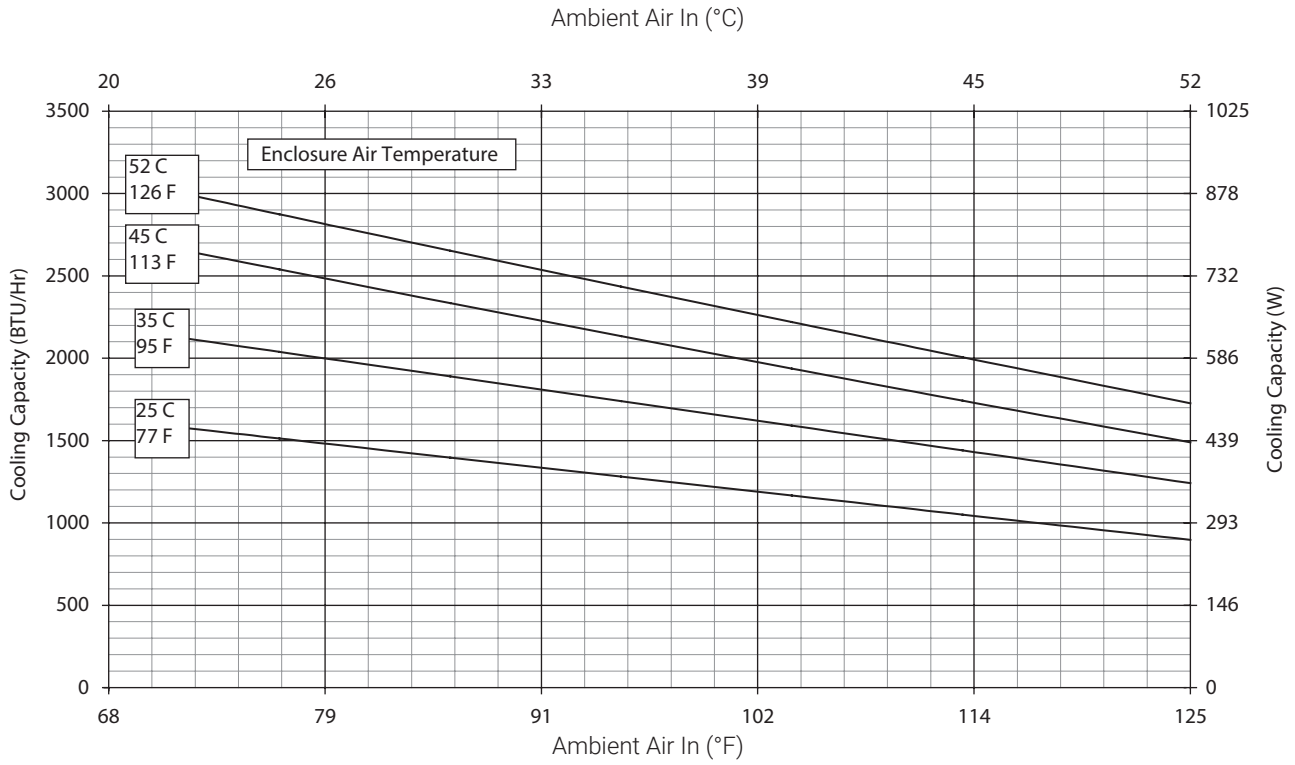
N17-0216-GXXX Capacity Curves at 60 Hz



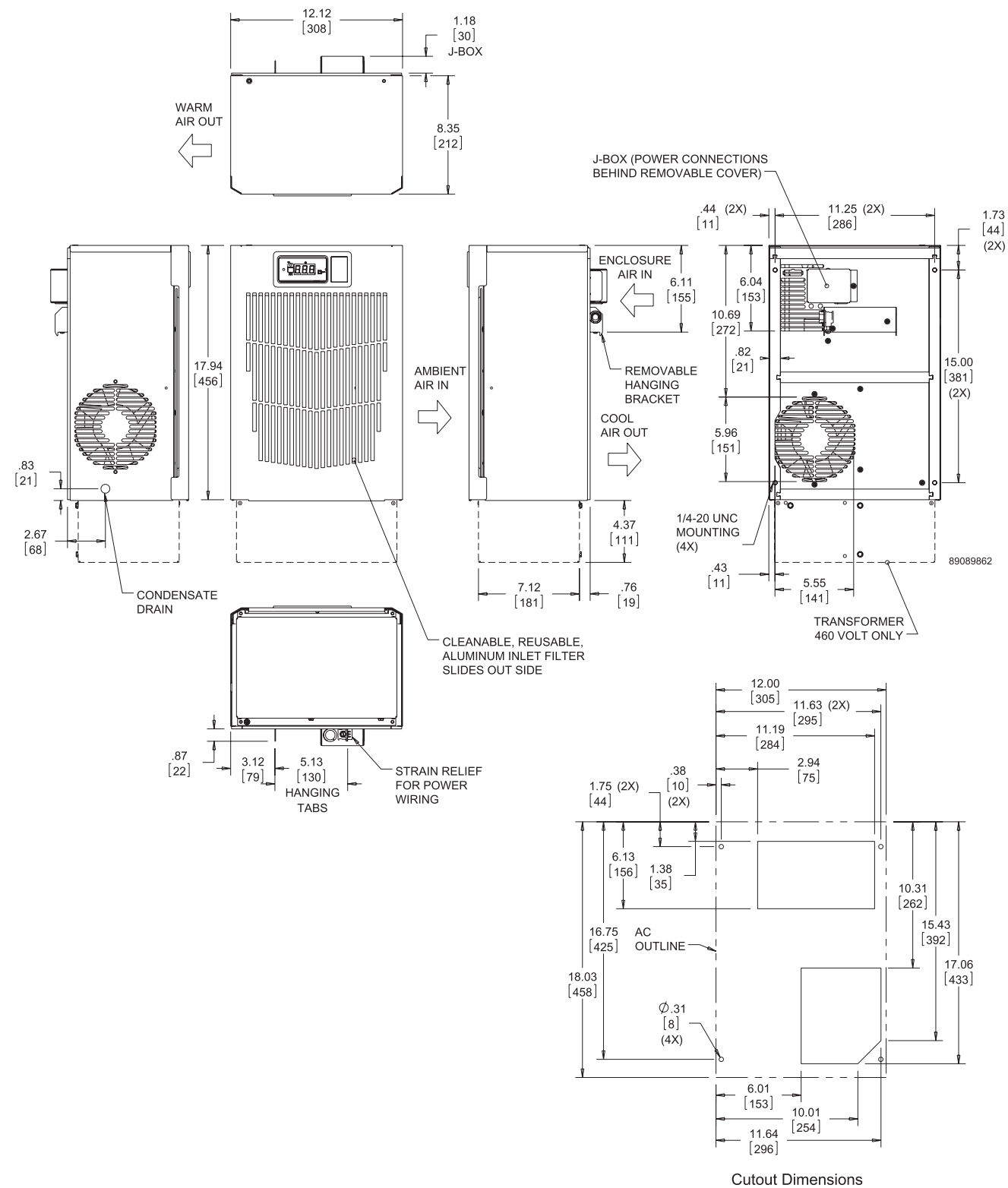
N17-02(2/4)6-GXXX Capacity Curves at 50 Hz



N17-02(2/4)6-GXXX Capacity Curves at 60 Hz



N17 MODELS 1000/1800 BTU/HR (300/527 WATT)



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