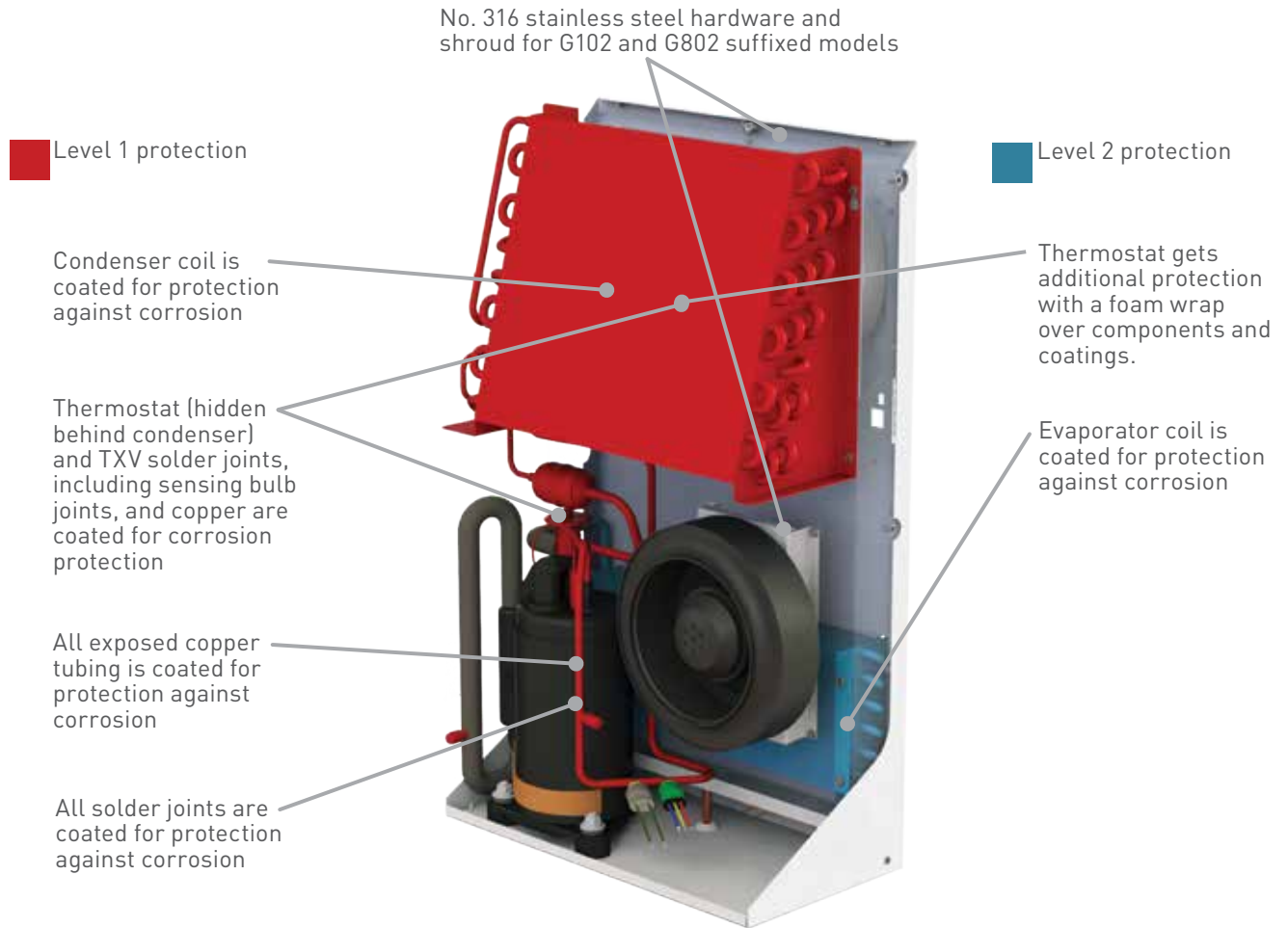


SPECTRACOOL WITH ADVANCED CORROSION PROTECTION OVERVIEW

SPECTRACOOL 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.



Performance Data **G57 Models 20000 BTU/Hr. (5861 Watt)**

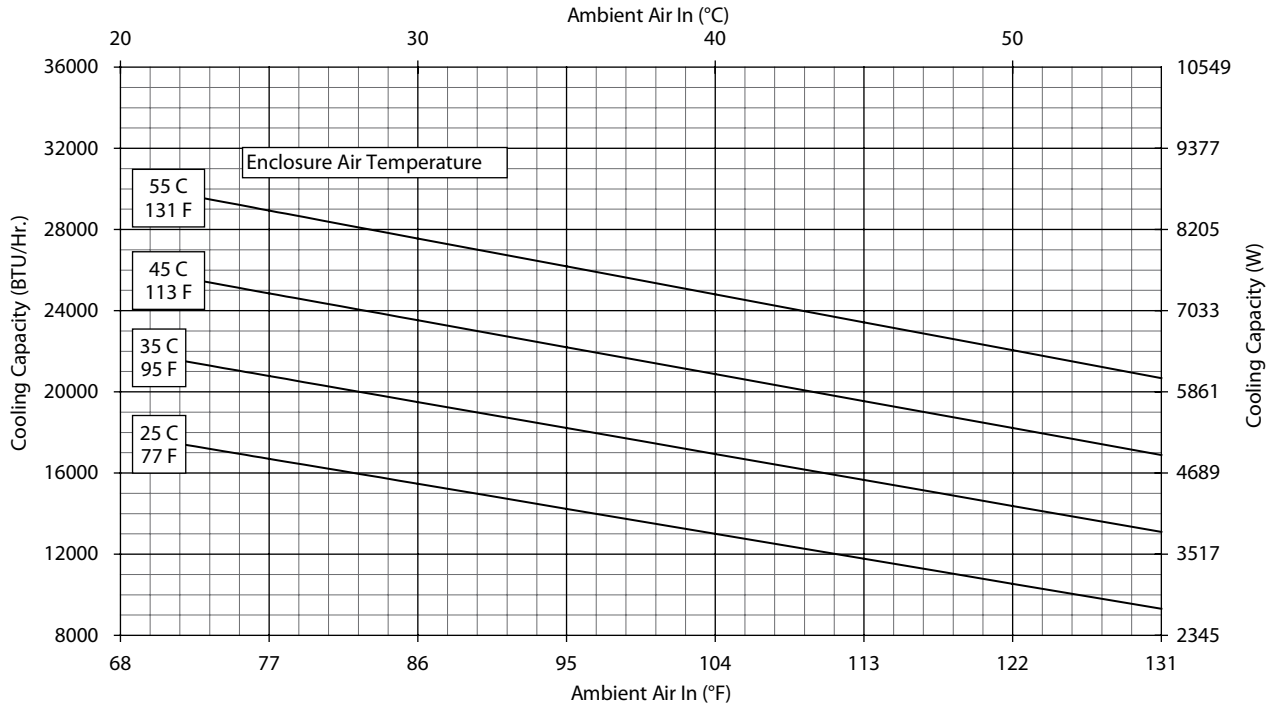
CATALOG NUMBER		
Level 1 Painted Galvanized - G700	G572026G700	G572046G700
Level 1 Stainless Steel 316 - G102	G572026G102	G572046G102
Level 2 Painted Galvanized - G800	G572026G800	G572046G800
Level 2 Painted with Remote Access Control - G360*	G572026G360	G572046G360
Level 2 Stainless Steel 316 - G802	G572026G802	G572046G802
COOLING PERFORMANCE		
Nominal:**		
BTU/Hr.	20000	20000
Watts	5861	5861
At 131 F/131 F (55 C/55 C):		
BTU/Hr. (50/60 Hz)	17500/19600	21400/23400
W (50/60 Hz)	5129/5744	6272/6857
At 95 F/95 F (35 C/35 C):		
BTU/Hr. (50/60 Hz)	16000/18000	19300/21400
W (50/60 Hz)	4689/5275	5656/6272
Refrigerant	R407c	R407c
Refrigerant Charge (ounces/grams)	50/1417	48/1361
Operating Temperature Range:		
Maximum (°F/°C)	131/55	131/55
Indoor Minimum (°F/°C)	50/10	50/10
Outdoor Minimum (°F/°C)	-40/-40	-40/-40
Airflow at 0 Static Pressure:		
Internal loop 50 Hz (CFM / m ³ /hr.)	513/872	513/872
External loop 50 Hz (CFM / m ³ /hr.)	919/1562	919/1562
Internal loop 60 Hz (CFM / m ³ /hr.)	587/998	587/998
External loop 60 Hz (CFM / m ³ /hr.)	1055/1794	1055/1794
ELECTRICAL DATA		
Rated Voltage	230/230	400/460 3~
Frequency (Hz)	50/60	50/60
Operating Range	+/- 10%	+/- 10%
Max. Power Consumption (W at 50/60 Hz)	4508/5106	4017/5043
Max. Nominal Current (A at 50/60 Hz)	16.7/22.3	6.0/6.8
Starting Current (A)	63	27
Agency Approvals	UL/cUL Listed CE EAC Others available upon request	
Power Input Description	Terminal Block	
ENCLOSURE PROTECTION		
UL Type	Type 12, 3R, 4 standard Type 4X stainless steel optional	
International Rating	IP56 internal loop IP34 external loop	
CONTROLLER		
Description	Basic mechanical thermostat with digital display	
Thermostat Location	Enclosure side on all base models	
Digital Display Location:		
Indoor Models	Ambient side	
Outdoor Models	Enclosure side	
Factory Thermostat Setting (°F/°C)	80/27	
SOUND LEVEL		
At 1.5 Meters	74.1 dB(A)	
ACCESSORIES		
EASYSWAP Adaptor Plenum (T-Series T53)	Enables SPECTRACOOL to be mounted to a T-Series T53 air conditioner cutout part #57721601SP	
UNIT DIMENSIONS		
Height (in./mm)	57.70/1465	
Width (in./mm)	20.89/531	
Depth (in./mm)	15.36/390	
Weight (lb./kg)	197/89	

*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.

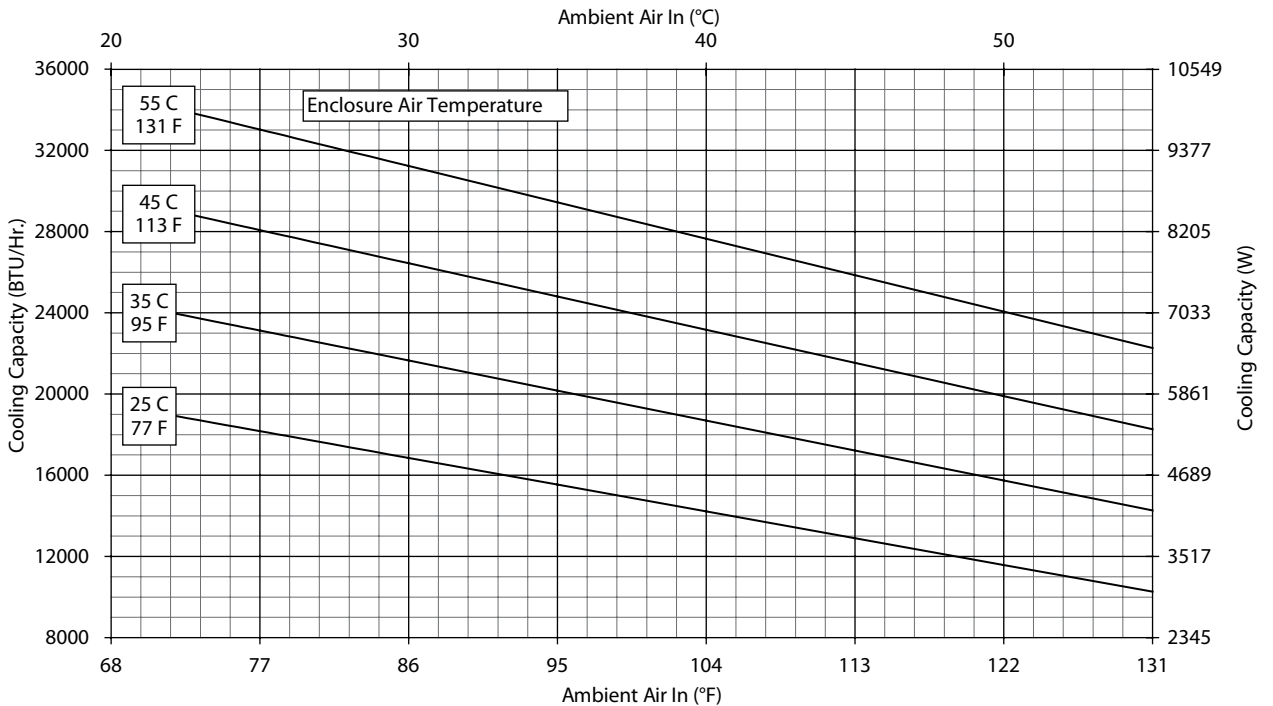
**Performance values are nominal. For actual values, see performance curves.

Performance Curves for G57 Models 20000 BTU/Hr.

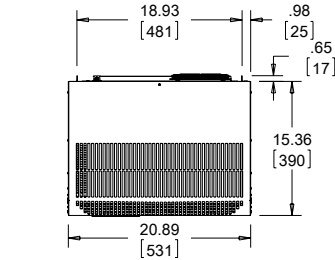
G57-2046-GXXX Capacity Curves at 50 Hz



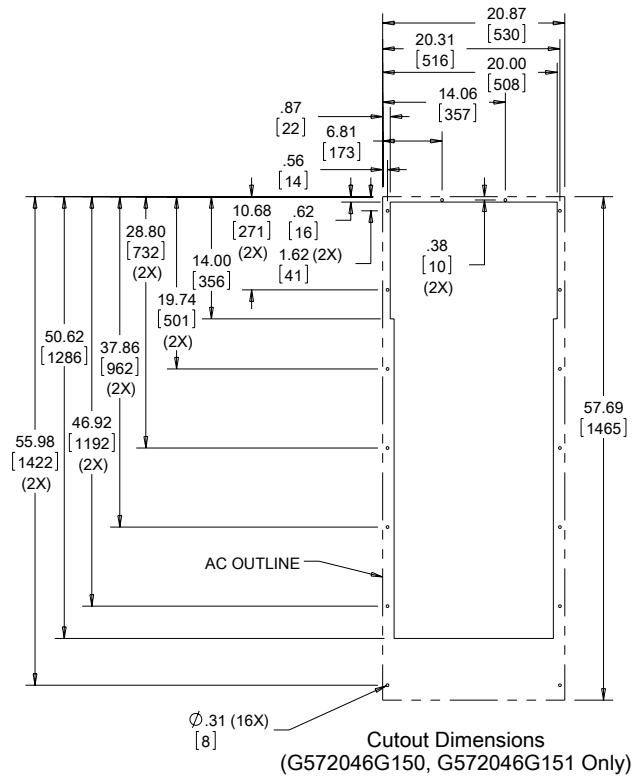
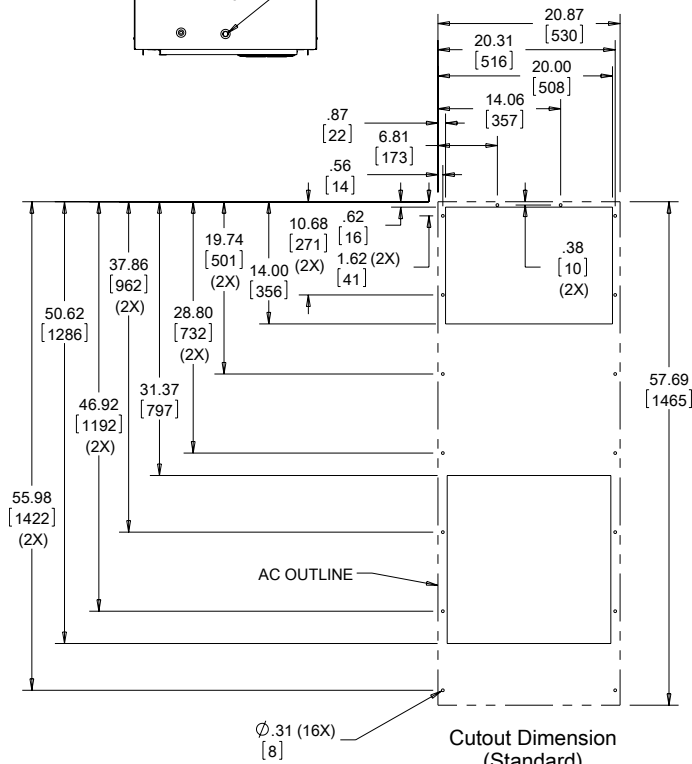
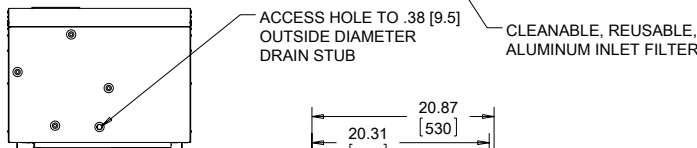
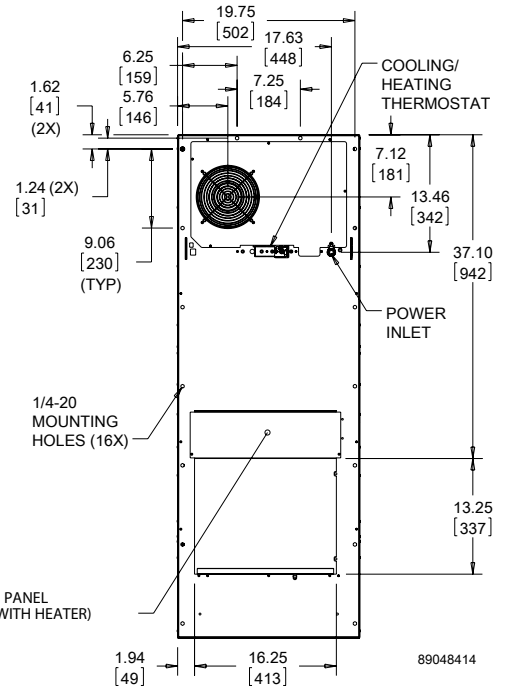
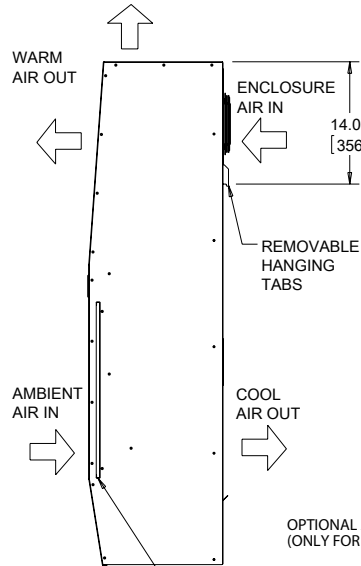
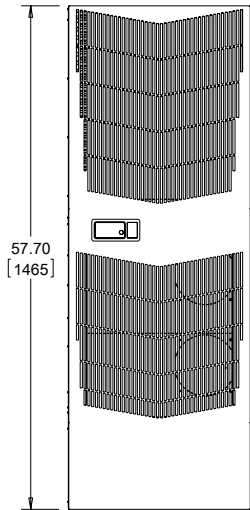
G57-2046-GXXX Capacity Curves at 60 Hz



G57 Models 20000 BTU/Hr. (5861 Watt)

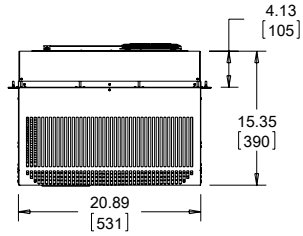


NOTE:
1. MOUNTING GASKET SUPPLIED (NOT SHOWN)
2. UNITS: in. [mm]

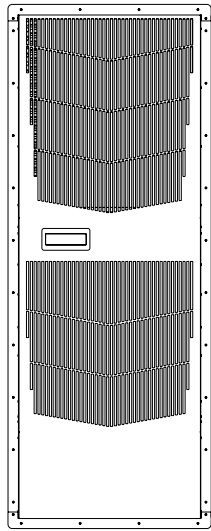


Visit www.nVent.com/HOFFMAN to download 2D and 3D CAD drawings into the overall design of your electrical system.

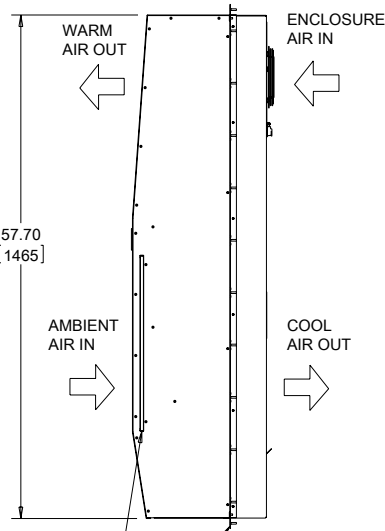
G57 Models 20000 BTU/Hr. (5861 Watt) With Partial Recess



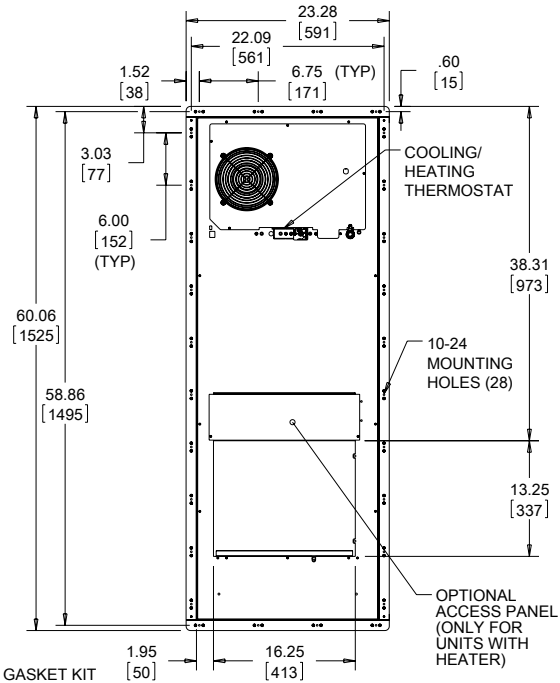
NOTE:
 1. MOUNTING GASKET SUPPLIED (NOT SHOWN)
 2. UNITS: in. [mm]



CLEANABLE, REUSABLE, ALUMINUM INLET FILTER



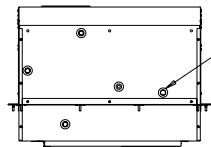
INCLUDED MOUNTING GASKET KIT TO BE ADHERED TO THIS SIDE OF MOUNTING RAILS BEFORE INSTALLING AIR CONDITIONER TO CABINET



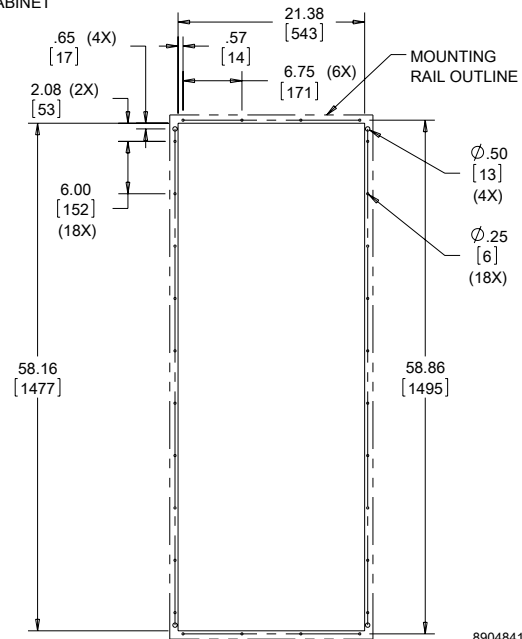
COOLING/ HEATING THERMOSTAT

10-24 MOUNTING HOLES (28)

OPTIONAL ACCESS PANEL (ONLY FOR UNITS WITH HEATER)



ACCESS HOLE TO .38 [9.5] OUTSIDE DIAMETER DRAIN STUB



Cutout Dimensions

89048415

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