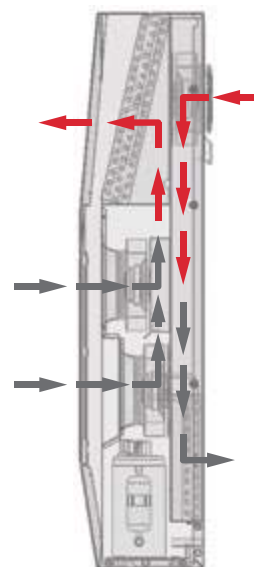


SPECTRACOOL INDOOR/OUTDOOR


G57
20000 BTU/Hr.
5861 Watt

G52
8000/12000 BTU/Hr.
2300/3500 Watt

G28
4000/6000 BTU/Hr.
1172/1758 Watt



■ Clean AirFlow
■ Ambient AirFlow

INDUSTRY STANDARDS

UL/cUL Listed; Type 12, 3R, 4; 4X optional; File No. SA6453

CE
EAC
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
- And more

FEATURES

- Energy-efficient rotary compressor on most models
- R407c and R134a earth-friendly refrigerants
- 115, 230 and 400/460 VAC 3-phase power input on most models
- 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
- Exterior and partially recessed mounting options
- 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
- Dual condenser-side air movers for performance redundancy on G52 and G57 models
- Galvanized sheet-metal cover for rugged factory and outdoor environments
- Easy-mount flanges for simple installation
- Cut-out adapter options for enclosures with GENESIS and T-Series 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 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
 - Up to 2000 Watt (G28, G52) and 3000 Watt (G57) enclosure heater

SPECIFICATIONS

- Nominal cooling capacity:
 - G28 4000 & 6000 BTU/Hr. (1172 and 1758 W)
 - G52 8000 & 12000 BTU/Hr. (2344 and 3516 W)
 - G57 20000 BTU/Hr. (5861 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 nVent.com/HOFFMAN to download 2D and 3D CAD drawings into the overall design of your electrical system.

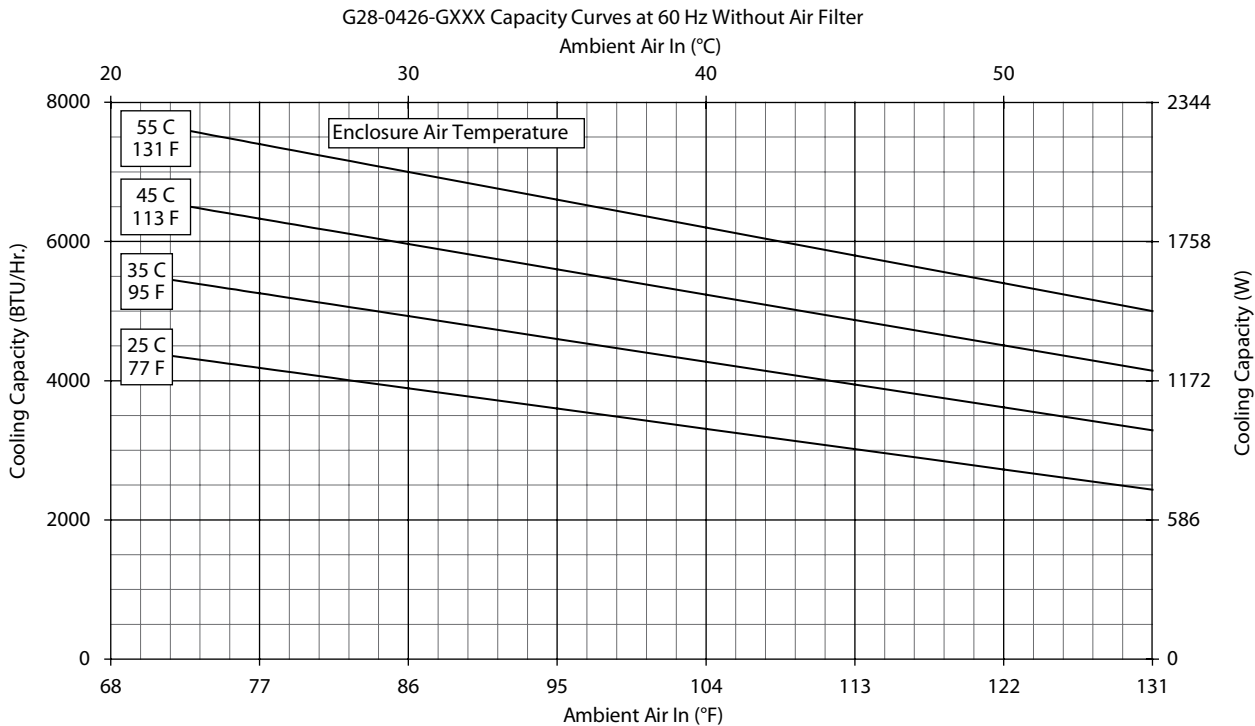
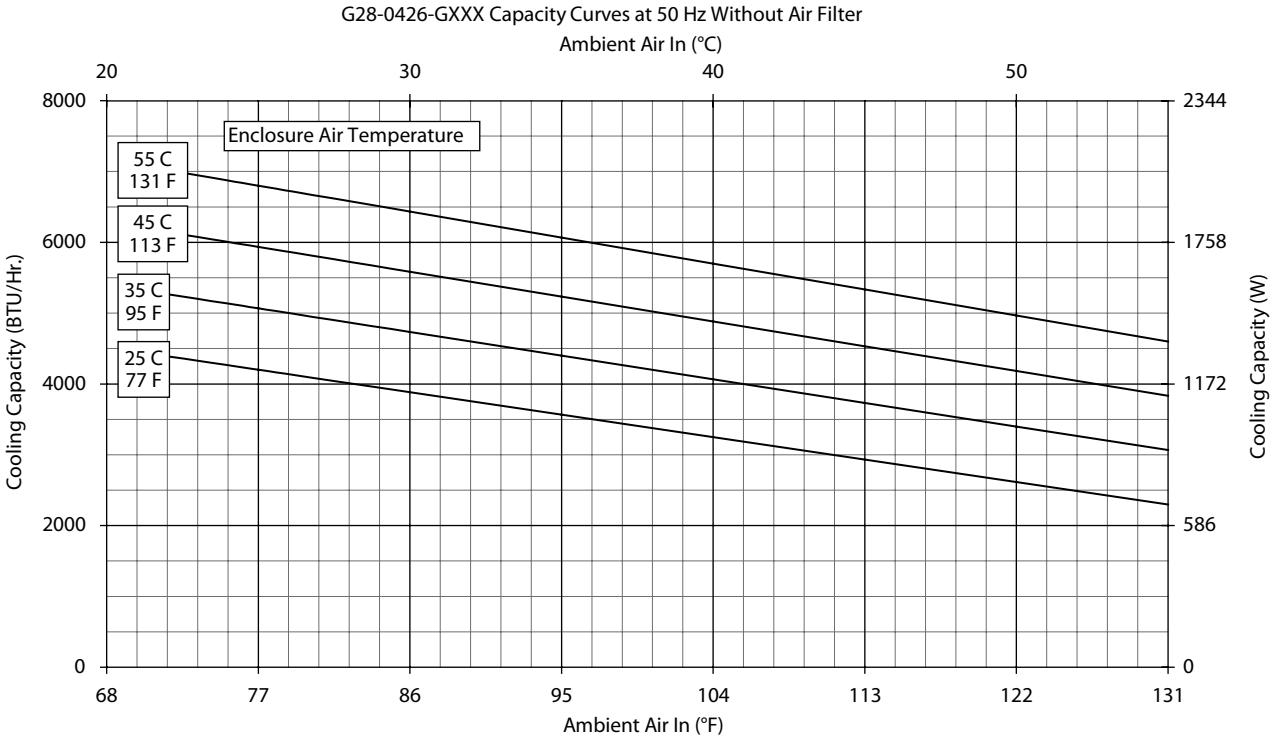
Performance Data **G28 Models 4000/6000 BTU/Hr. (1172/1758 Watt)**

CATALOG NUMBER						
Indoor Model	G280416G050	G280426G050	G280446G050	G280616G050	G280626G050	G280646G050
Indoor Model Stainless Steel Type 4X	G280416G051	G280426G051	G280446G051	G280616G051	G280626G051	G280646G051
Indoor Model with Remote Access Control*	G280416G060	G280426G060	G280446G060	G280616G060	G280626G060	G280646G060
Outdoor Model without Heat Pkg.	G280416G100	G280426G100	G280446G100	G280616G100	G280626G100	G280646G100
Outdoor Model Partial Recessed Mount	G280416G101	G280426G101	G280446G101	G280616G101	G280626G101	G280646G101
Outdoor Model without Heat Pkg. Stainless Steel Type 4X	G280416G102	G280426G102	G280446G102	G280616G102	G280626G102	G280646G102
Outdoor Model with Heat Pkg.	G280416G150	G280426G150	—	G280616G150	G280626G150	—
Outdoor Model with Heat Pkg. Stainless Steel Type 4X	G280416G151	G280426G151	—	G280616G151	G280626G151	—
COOLING PERFORMANCE						
Nominal:						
BTU/Hr.	4000	4600/4900	4600/4900	6000/6400	6000/6400	5400/6000
Watts	1172	1347/1435	1347/1435	1757/1874	1757/1874	1581/1757
At 131 F/131 F (55 C/55 C):						
BTU/Hr. (50/60 Hz)	3700	4600/4900	4600/4900	6000/6400	6000/6400	5400/6000
W (50/60 Hz)	1084	1347/1435	1347/1435	1757/1874	1757/1874	1581/1757
At 95 F/95 F (35 C/35 C):						
BTU/Hr. (50/60 Hz)	3300/3410	4300/4600	4324/4655	5600/6000	5600/6000	5054/5685
W (50/60 Hz)	967/1000	1260/1364	1267/1364	1641/1758	1641/1758	1481/1666
Refrigerant	R134A	R407C	R134A	R407C	R407C	R134A
Refrigerant Charge (ounces/grams)	12/340	20/567	16/454	20/567	20/567	16/454
Operating Temperature Range:						
Maximum (°F/°C)	131 F/55 C	131 F/55 C	131 F/55 C	131 F/55 C	131 F/55 C	131 F/55 C
Minimum (°F/°C)	-40 F/-40 C	-40 F/-40 C	-40 F/-40 C	-40 F/-40 C	-40 F/-40 C	-40 F/-40 C
Air Flow at 0 Static Pressure:						
Internal loop 50 Hz (CFM / m³/hr.)	151/256	189/321	189/321	189/321	189/321	189/321
External loop 50 Hz (CFM / m³/hr.)	284/482	291/494	291/494	291/494	291/494	291/494
Internal loop 60 Hz (CFM / m³/hr.)	183/310	221/375	221/375	221/375	221/375	221/375
External loop 60 Hz (CFM / m³/hr.)	290/492	300/509	300/509	300/509	300/509	300/509
Max. Heater W (Outdoor Models)	2000	2000		2000	2000	
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 (W at 50/60 Hz)	465/1055	1058/1334	680/874	1138.5/1311	1058/1334	680/874
Max. Nominal Current (A at 50/60 Hz)	10.4/10.1	4.6/5.8	1.7/1.9	9.9/11.4	4.6/5.8	1.7/1.9
Starting Current (A)	36.2	17.7	7.7	36.2	17.7	7.7
Agency Approvals	UL/cUL Listed CE EAC					
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 on All Base Models					
Factory Thermostat Setting (°F/°C)	80/27	80/27	80/27	80/27	80/27	80/27
SOUND LEVEL						
At 1.5 Meters	68 dB(A)					
UNIT CONSTRUCTION						
Material	Galvanized Sheet Metal Standard (Optional: Stainless Steel)					
Finish	Powder Coat RAL 7035 Light Gray Standard					
ACCESSORIES						
EASYSWAP Adaptor Plenum (GENESIS M28)	Enables SPECTRACOOOL to be mounted to GENESIS M28 air conditioner cutout Catalog Number PLM28G28					
EASYSWAP Adaptor Plenum (T-Series T29)	Enables SPECTRACOOOL to be mounted to T-Series T29 air conditioner cutout Catalog Number PLT29G28					
UNIT DIMENSIONS						
Height (in./mm)	28.55/725.1					
Width (in./mm)	16.97/431.1					
Depth (in./mm)	10.10/256.6					
Weight (lb./kg)	84/38	84/38	84/38	84/38	84/38	84/38

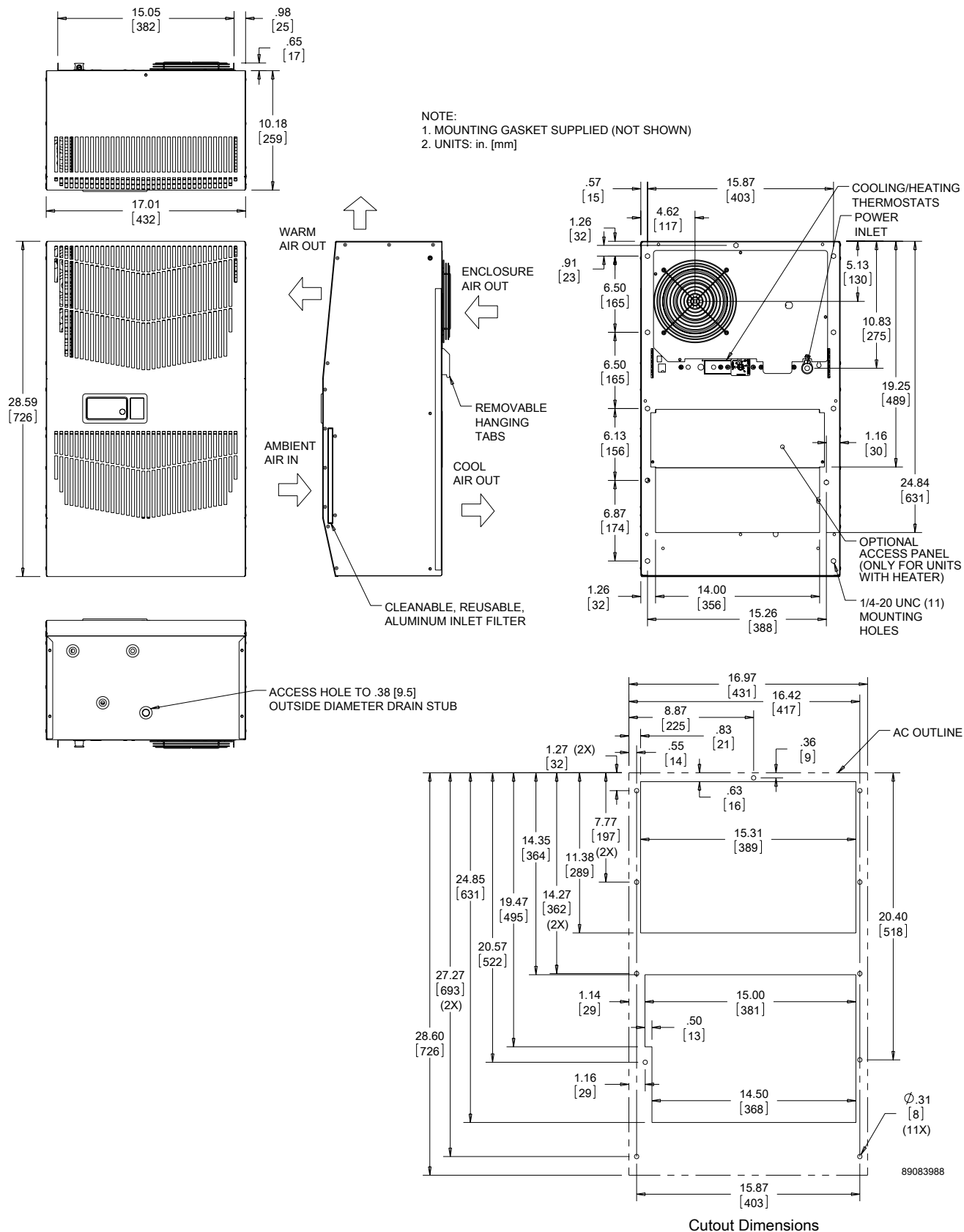
*Units with Remote Access Control utilize a digital controller and communicate via EtherNet/IP, Profinet, Modbus TCP/IP and SNMP over ethernet or modbus RTU over USB.



Performance Curves for G28 Models 4000 BTU/Hr. (1347/1435 Watt)

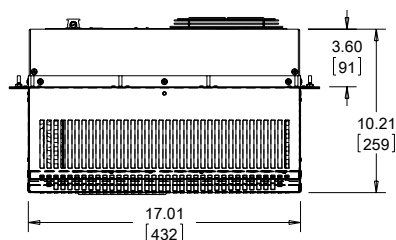


G28 Models 4000 BTU/Hr. 230/460 V, 6000 BTU/Hr. 115/230/460 V (1172/1757 Watt)

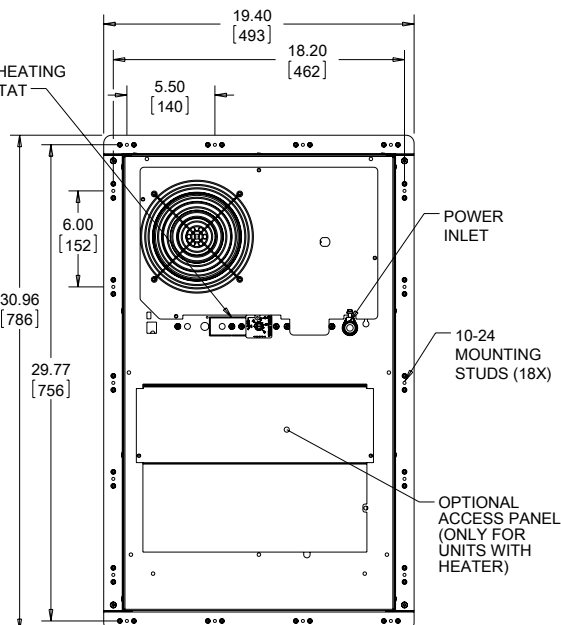
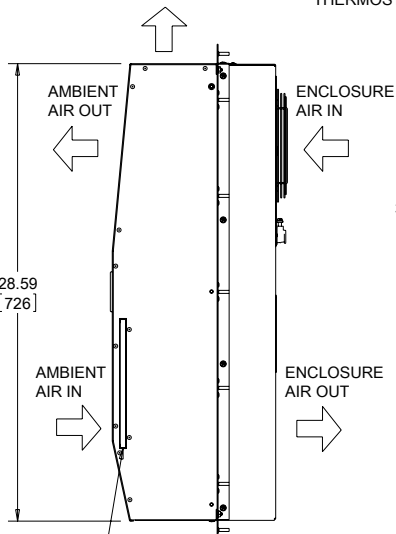
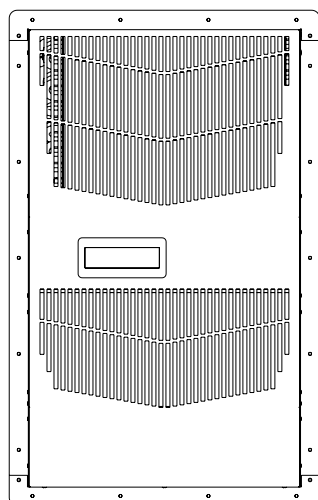


Visit nVent.com/HOFFMAN to download 2D and 3D CAD drawings into the overall design of your electrical system.

G28 Model 4000 BTU/Hr. 230/460 V, 6000 BTU/Hr. 115/230/460 V (1172/1758 Watt) Partial Recess



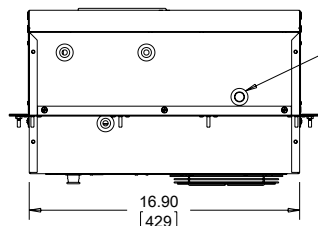
NOTE:
1. MOUNTING GASKET SUPPLIED (NOT SHOWN)
2. UNITS: in. [mm]



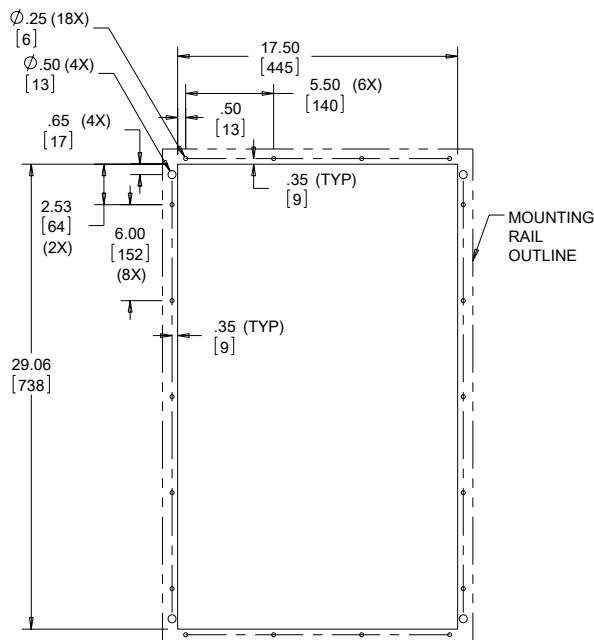
89083989

CLEANABLE, REUSABLE, ALUMINUM INLET FILTER

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



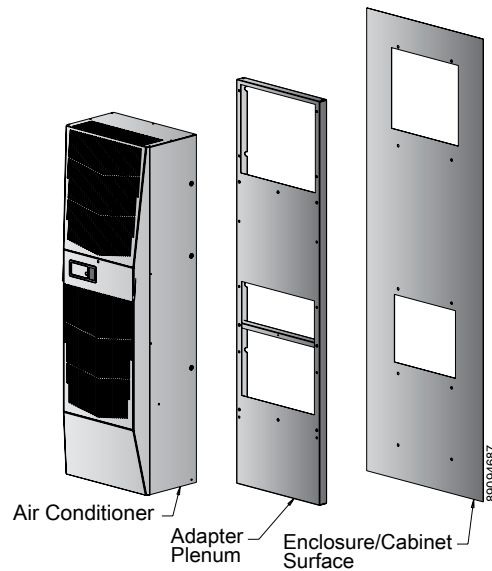
ACCESS HOLE TO .38 [9.5] OUTSIDE DIAMETER DRAIN STUB



Cutout Dimensions

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

EASY SWAP ADAPTOR PLENUMS FOR AIR CONDITIONERS



INDUSTRY STANDARDS

Maintains NEMA Type 12 rating when properly installed on a Type 12 enclosure.

NEMA Type 12
IP 54

APPLICATION

When existing air conditioners are damaged or have reached end-of-life, EASY SWAP Adaptor Plenums provide a quick and easy means for attaching newer Hoffman air conditioners to the cutout left on the enclosure.

FEATURES

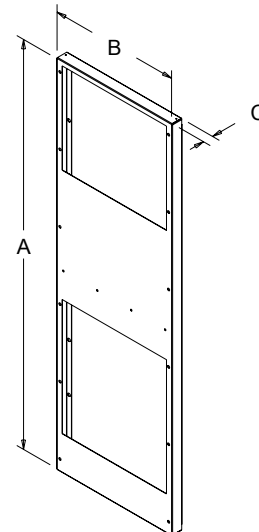
- No modification of the enclosure required - designed to match the enclosure cutout and mounting holes of the air conditioner being replaced
- Plenum design allows for optimum air flow (vs. a flat plate that can block the air intake and air outtake left by the older air conditioner)
- Gasket included

SPECIFICATIONS

- 18 gauge steel

FINISH

- Painted to match the standard Hoffman air conditioner color (light gray)
- Other colors available upon request



EASY SWAP Adaptor Plenum Cross Reference

Air Conditioner Manufacturer To Replace	Air Conditioner Series To Replace	Air Conditioner Part Number To Replace	Use This Hoffman Air Conditioner Catalog Number	With This Adaptor Plenum Catalog Number	Adaptor Plenum Dimensions AxBxC* (in./mm)
Hoffman/McLean	Genesis	M130116G1014	N160116G050	PLM13N16	17.65x14.25x2.62 448x362x67
Hoffman/McLean	Genesis	M130126G1008	N160126G050	PLM13N16	17.65x14.25x2.62 448x362x67
Hoffman/McLean	Genesis	M130146G1400	N170146G010	PLM13N17	17.65x14.25x1.50 448x362x38
Hoffman/McLean	Genesis	M170216G009	N210216G050	PL17N21	20.87x12.00x1.50 530x305x38
Hoffman/McLean	Genesis	M170226G004	N210226G050	PL17N21	20.87x12.00x1.50 530x305x38



Air Conditioner Manufacturer To Replace	Air Conditioner Series To Replace	Air Conditioner Part Number To Replace	Use This Hoffman Air Conditioner Catalog Number	With This Adaptor Plenum Catalog Number	Adaptor Plenum Dimensions AxBxC* (in./mm)
Hoffman/McLean	Genesis	M170246G400	N170246G010	Not Required	---
Hoffman/McLean	Genesis	M280216G013	N170216G010	PLM28N17	28.50x17.00x1.50 724x432x38
Hoffman/McLean	Genesis	M280226G004	N170226G010	PLM28N17	28.50x17.00x1.50 724x432x38
Hoffman/McLean	Genesis	M280246G400	N170246G010	PLM28N17	28.50x17.00x1.50 724x432x38
Hoffman/McLean	Genesis	M280416G007	G280416G050	PLM28G28	28.50x17.00x1.50 724x432x38
Hoffman/McLean	Genesis	M280426G032	G280426G050	PLM28G28	28.50x17.00x1.50 724x432x38
Hoffman/McLean	Genesis	M280446G400	G280446G050	PLM28G28	28.50x17.00x1.50 724x432x38
Hoffman/McLean	Genesis	M280616G005	G280616G050	PLM28G28	28.50x17.00x1.50 724x432x38
Hoffman/McLean	Genesis	M280626G005	G280626G050	PLM28G28	28.50x17.00x1.50 724x432x38
Hoffman/McLean	Genesis	M280646G400	G280646G050	PLM28G28	28.50x17.00x1.50 724x432x38
Hoffman/McLean	Genesis	M330416G010	N280416G050	PLM33N28	34.31x12.00x1.50 871x305x38
Hoffman/McLean	Genesis	M330426G009	N280426G050	PLM33N28	34.31x12.00x1.50 871x305x38
Hoffman/McLean	Genesis	M330446G400	N280446G050	PLM33N28	34.31x12.00x1.50 871x305x38
Hoffman/McLean	Genesis	M360616G307	N360616G050	PLM36N36	38.75x15.00x1.50 984x381x38
Hoffman/McLean	Genesis	M360626G306	N360626G050	PLM36N36	38.75x15.00x1.50 984x381x38
Hoffman/McLean	Genesis	M360646G400	N360646G050	PLM36N36	38.75x15.00x1.50 984x381x38
Hoffman/McLean	Genesis	M520816032	G520816G050	PLM52G52	52.56x17.03x1.50 1335x433x38
Hoffman/McLean	Genesis	M520826015	G520826G050	PLM52G52	52.56x17.03x1.50 1335x433x38
Hoffman/McLean	Genesis	M520846G002	G520846G050	PLM52G52	52.56x17.03x1.50 1335x433x38
Hoffman/McLean	Genesis	M521046G002	G521246G050	PLM52G52	52.56x17.03x1.50 1335x433x38
Hoffman/McLean	Genesis	M521216017	G521216G050	PLM52G52	52.56x17.03x1.50 1335x433x38
Hoffman/McLean	Genesis	M521226034	G521226G050	PLM52G52	52.56x17.03x1.50 1335x433x38
Hoffman/McLean	T-Series	T290416G100	G280416G050	PLT29G28	28.50x17.00x1.50 724x432x38
Hoffman/McLean	T-Series	T290416G150	G280416G150	PLT29G28	28.50x17.00x1.50 724x432x38
Hoffman/McLean	T-Series	T290426G100	G280426G050	PLT29G28	28.50x17.00x1.50 724x432x38
Hoffman/McLean	T-Series	T290426G150	G280426G150	PLT29G28	28.50x17.00x1.50 724x432x38
Hoffman/McLean	T-Series	T290446G400	G280446G050	PLT29G28	28.50x17.00x1.50 724x432x38
Hoffman/McLean	HC52	HC52 SERIES	G57XXXXXXXXX	PLHC52G57	57.60x22.97x1.50 1463x583x38
Hoffman/McLean	HC52	HC52 SERIES	T53XXXXXXXXX	PLHC52T53	52.85x23.00x1.50 1342x584x38
Hoffman/McLean	Proair	CR23SS	N21SS	PLCR23N21SS	23.00x10.00x1.50 548x254x38
Hoffman/McLean	Proair	CR23 (painted)	N21	PLCR23N21	23.00x10.00x1.50 548x254x38
Hoffman/McLean	SpectraCool	N17SS	N21SS	PL17N21SS	20.87x12.00x1.50 530x305x38
Hoffman/McLean	SpectraCool	N17 (painted)	N21	PL17N21	20.87x12.00x1.50 530x305x38

*Prior to ordering, ensure Adaptor Plenum dimensions do not exceed available space on the enclosure mounting surface.
Please contact Customer Service for support in finding an appropriate cross for older Hoffman/McLean models not shown above.

For a list of EASY SWAP Adaptor Plenums to fit other manufacturers' air conditioners, please visit nVent.com/HOFFMAN