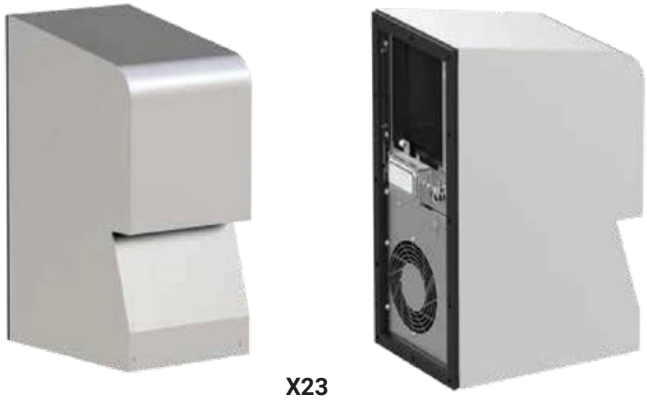
nVent | HOFFMAN

We connect and protect

Extreme Environments Sealed Enclosure Cooling



X23
1890/2300 BTU/Hr
550/675 Watt

INDUSTRY STANDARDS

UL/cUL Listed; type 12, 4, 4X; File no. SA6453

CE
EAC
IP66/IP69/IP69K Internal Loop
IP34 external Loop
Telcordia GR-487 capable

APPLICATION

- Food and Beverage
- Energy
- Water and Wastewater
- Mining and metal manufacturing
- Oil and Gas
- And more

FEATURES

- Energy-efficient rotary compressor
- R134a and R513A refrigerant
- 115, 230 VAC power input
- UL Listed to save customers time and money with agency approvals
- Exterior mounting
- Reliable Smart controller on enclosure side of the unit
- 10-degree sloped top shroud, welded and ground
- Sloped internal surfaces reduce catchpoints for water, dust, bacteria build-up
- FDA-approved neoprene gasket
- No louvers on vertical surfaces allow washdown with minimal protections
- Minimal (2) fasteners on front of shroud allow easy removal even when mounted next to a wall
- Cutout Adapter options for enclosures with older nVent HOFFMAN or competitive units for easy transitions to new air conditioners
- Cleanable, reusable aluminum mesh filter included to protect coils for maximum cooling performance in dirty environments
- Mounting hardware, gaskets and user manual furnished with the unit
- Every unit functionally tested before shipping
- Standard Air conditioner models also include:
  - Active condensate management with heater strip
  - Power-off capability for door switch and other system requirements
  - Malfunction switch
  - Corrosion-resistant coating on condenser coil
  - Compressor heater
  - Head pressure control
  - Temperature range from –40°F/–40°C to 131°F/55°C
- Visit web address for more information regarding SpectraCool Remote Access control (RAC) nVent.com/en-us/HOFFMAN/remote-access-control

FINISH

- Stainless steel type 304 #4 brushed

ACCESSORIES

- Optional Remote Access Control – field installable
- Optional ACP (Advanced Corrosion Protection), Level 2 available
- Optional 350 watt heater



PERFORMANCE DATA X23 MODELS 2000 BTU/HR (586 WATT)

Catalog Number

Indoor/Outdoor Model, Smart Controller	X230216G170	X230226G170
Indoor/Outdoor Model, Smart Controller, Heat Pkg	X230216G160	X230226G160
Indoor/Outdoor Model, Smart Controller, ACP L2	X230216G370	X230226G370
Indoor/Outdoor Model, Smart Controller, Heat Pkg, ACP L2	X230216G360	X230226G360

Cooling Performance

Nominal:		
BTU/Hr (50/60 Hz)	2100/2300	1760/1890
Watts (50/60 Hz)	615/675	515/550
At 131°F/131°F (55°C/55°C):		
BTU/Hr (50/60 Hz)	2100/2300	1760/1890
W (50/60 Hz)	615/675	515/550
At 95°F/95°F (35°C/35°C):		
BTU/Hr (50/60 Hz)	1900/2100	1800/1900
W (50/60 Hz)	555/615	530/555
Refrigerant	R134a or R513A	R134a or R513A
Refrigerant Charge (ounces/grams)	8.0/227	6.5/184
Operating Temperature Range:		
Maximum (°F/°C)	131/55	131/55
Minimum (°F/°C)	–40/–40	–40/–40
Airflow at 0 Static Pressure:		
Internal loop 50 Hz (CFM/m^3/hr)	65/110	65/110
External loop 50 Hz (CFM/m^3/hr)	139/236	139/236
Internal loop 60 Hz (CFM/m^3/hr)	78/133	78/133
External loop 60 Hz (CFM/m^3/hr)	160/272	160/272
Max. Heater W (Outdoor Models)	350	350

Electrical Data

Rated Voltage	100/115	220/230
Frequency (Hz)	50/60	50/60
Operating Range	+/–10%	+/–10%
Max. Power Consumption (Watts at 50/60 Hz)	700	660
Max. Nominal Cooling Current (Amps at 50/60 Hz)	6.8/6.3	2.8/2.9
Max. Nominal Heating Current (Amps at 50/60 Hz)	3.3/3.5	1.7/1.8
Starting Current (Amps)	15.2	5.8
Agency Approvals	UL/cUL Listed CE, UKCA, EAC	
Power Input Description	Terminal block	Terminal block

Enclosure Protection

UL Type	Type 12, 3R, 4X
IEC Type Rating	IP66/IP69/IP69K

Controller

Description	Smart Controller
Thermostat Location	Enclosure Side
Factory Thermostat Setting (°F/°C)	80/27

Sound Level

At 1.5 Meters	66 dB(A)

Unit Construction

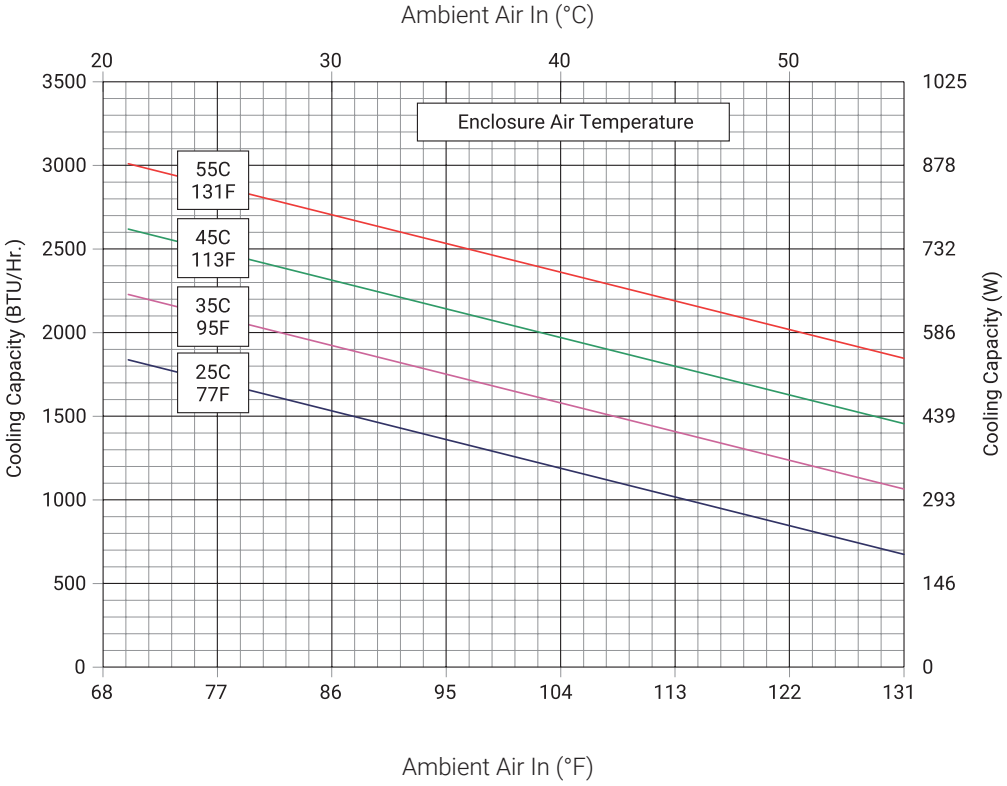
Material	Stainless Steel 304
Finish	#4 Brushed

Unit Dimensions

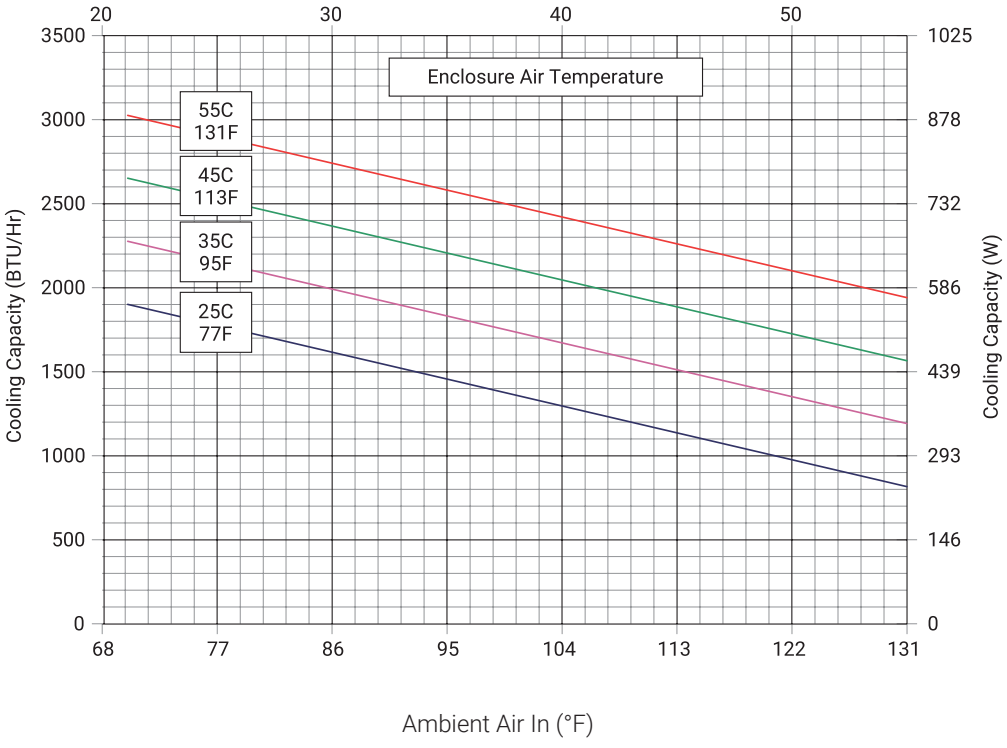
Height (in/mm)	23.0/584
Width (in/mm)	10.2/259
Depth (in/mm)	14.7/373

PERFORMANCE CURVES FOR X23 MODELS 1890 BTU/HR (550 WATT)

X230226GXXX Capacity Curves at 50 Hz

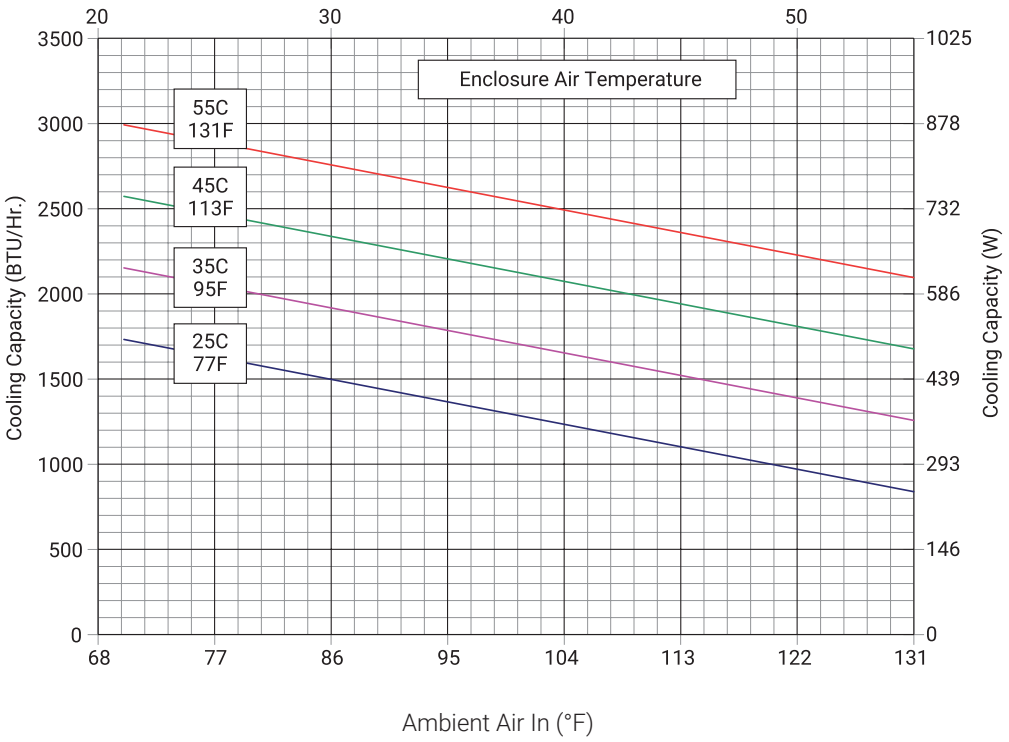


X230226GXXX Capacity Curves at 60 Hz

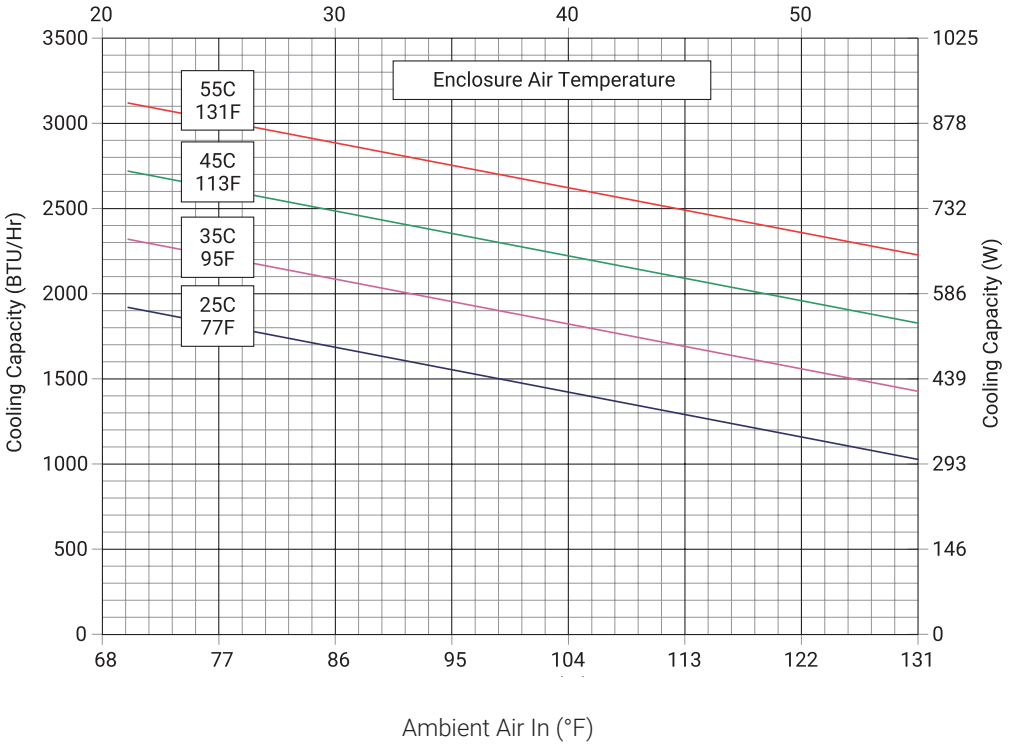


PERFORMANCE CURVES FOR X23 MODELS 2300 BTU/HR (675 WATT)

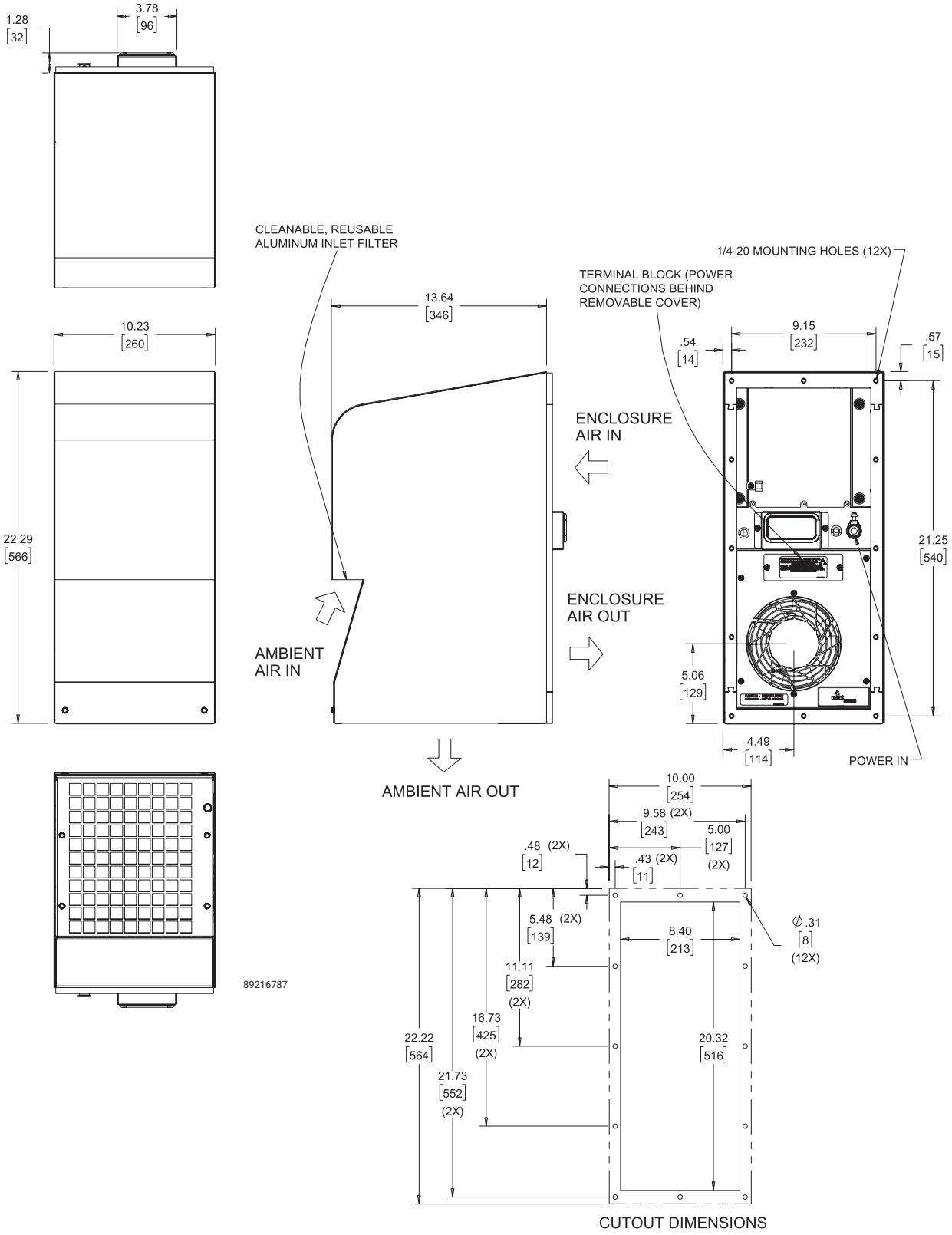
X230216GXXX Capacity Curves at 50 Hz



X230216GXXX Capacity Curves at 60 Hz



X23 1890/2300 BTU/HR (550/675 WATT)



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

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