

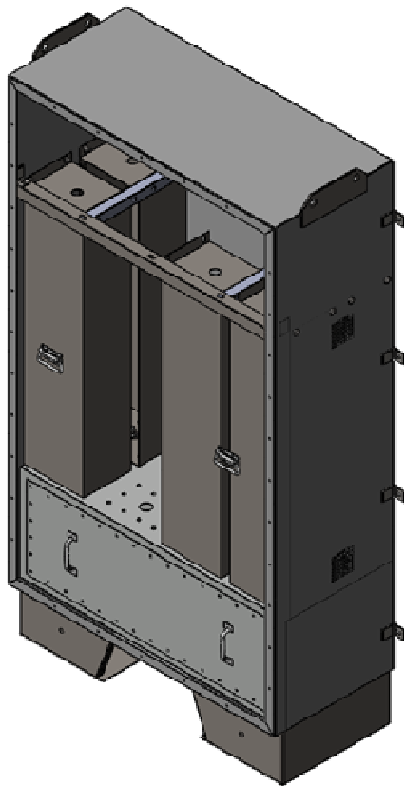


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Facility Power Line Filter Panels

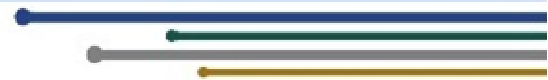
GFP88201 Capacitive Input
High Attenuation
100 dB from 14 kHz ~ 18 GHz



Product Summary

GFP88201 EMI/RFI Facility Power Line Filter panel enclosures use Genisco's GF78200 phase filter inserts to block unwanted signals and remove interference from entering or exiting a space through the power lines. The GFP88201 Series Filter Panels have an insertion loss (Attenuation) of 100 dB from 14 kHz to 18GHz.

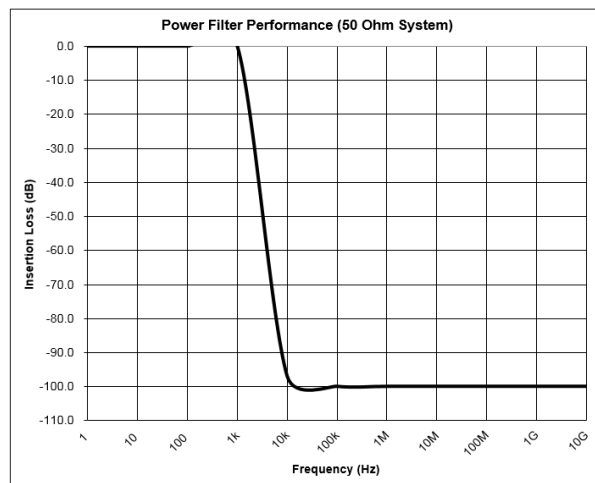
Subject to change. 2/3/2026





FUNCTIONAL CHARACTERISTICS

- Voltage Ratings:
 - o 24-1,000 VDC
 - o 120/208 VAC (50/60 Hz)
 - o 277/480 VAC (50/60 Hz)
- Voltage Drop:
 - o 2% maximum at full rated unity power factor load.
- Harmonic Distortion:
 - o 2% maximum at full rated unity power factor load
- Temperature Rating:
 - o MIL-PRF-15733
- Current Overload:
 - o 140% maximum current rating
- RF Radiation:
 - o Greater than 100 dB isolation
- Dielectric With-Standing Voltage:
 - o 2,200 VDC (prior to installation of discharge resistors)
- Insulation Resistance:
 - o MIL-PRF-15733 (prior to installation of discharge resistors)
- Insertion loss:
 - o 100 dB 14 kHz to 18 GHz
 - o 50/50 Ohm System



*Representation of Insertion Loss Specifications



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SPECIAL FEATURES

- Low Pass filter circuits ~ passive components which include inductors, capacitors, resistors, and optional transient suppression devices.
- Manufactured and tested per applicable portions of MIL-PRF-15733
- Filter cases 16 gage, CRS, plated or painted finish.
- Sealed with welded and soldered seams for shielding effectiveness.
- Discharge resistors incorporated to eliminate potential shock hazard.

Applicable Specifications

- Military Specifications
 - o MIL-PRF-15733 General
- Military Test Methods
 - o MIL-STD-220 Insertion Loss
 - o MIL-STD-285 Shielding Effectiveness
 - o MIL-STD-202 Component Parts
- NFPA 70/2011 National Electrical Code Standards
- Manufactured to UL 1283 standards.
- ETL Intertek certified.
 - o Conforms to UL 1293 standard.
 - o Certified to CSA STD C22.2#8
 - o See product list for ETL certified models.

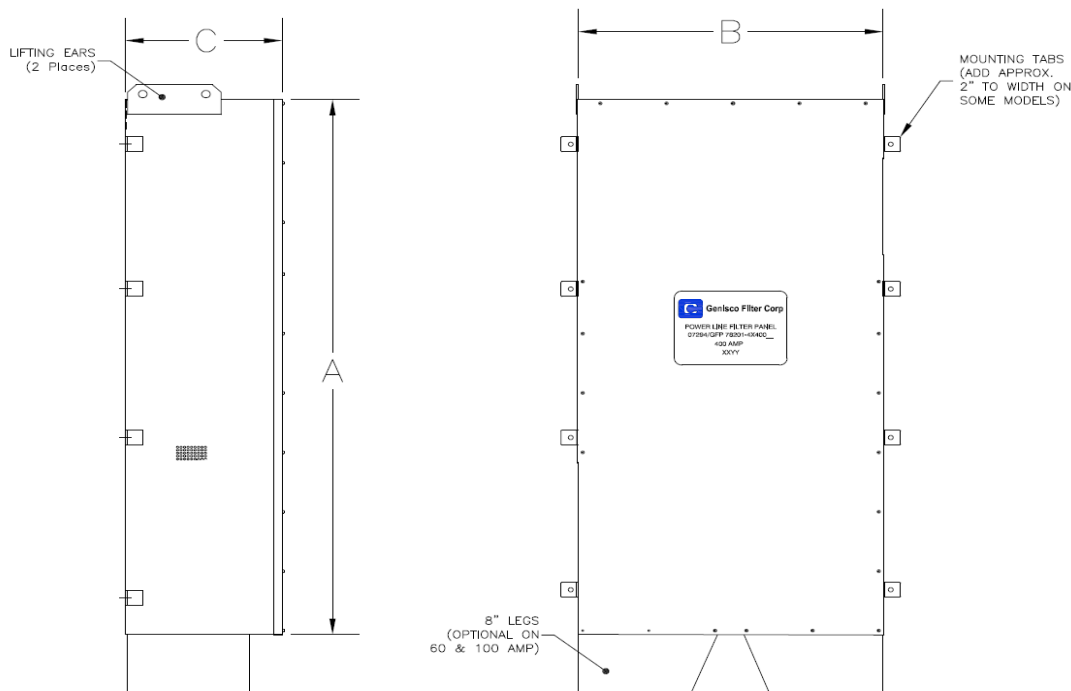


See model list on page 4 for ETL listed filters



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Table 1 Mechanical Dimensions (listed in inches)



 Intertek ETL CERTIFIED GF78200 FILTERS USED	Number of filtered connections in panel and amperage rating	A	B	C	Approx Weight (lbs)
YES	4x60 & 100 Amp	42	16	12	400
YES	4x150 Amp	62.25	20	16	620
YES	4x200 Amp	62.25	20	16	620
YES	4x250 Amp	62.25	20	16	620
YES	4x300 Amp	62.25	35.5	16	1,225
YES	4x400 Amp	62.25	35.5	16	1,225
NO	4x500 Amp	62.25	35.5	16	1,200
NO	4x600 Amp	62.25	35.5	16	1,500
NO	4x800 Amp	82" overall (74" case + 8" legs)	45	20	2,200
NO	2x1200 & 1600 Amp	82" overall (74" case + 8" legs)	45	20	2,200
NO	4X1200 & 1600 Amp (Modular system. Two-2x1200 or 2x1600 panels required)	Each 2-wire panel, 82" overall (74" case + 8" legs)	45	20	2,200



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PART NUMBER BREAKDOWN USING GFP88201-4X100-00 AS THE EXAMPLE:

- GFP88201 = FILTER PANEL SERIES
- -4x100 = Number of individual filter elements installed within the filter enclosure. This is followed by the amperage rating. In this example there are four filter elements each rated for 100 amps.
- -00. The last one or two characters denote options or special manufacturing notes.

Note: Filters are not designed or intended for short circuit, and are not provided with integral overcurrent protection, or any overcurrent protection. Intended to be installed with suitably rated overcurrent protection upstream to prevent all short-circuit scenarios from occurring. When a filter is installed downstream of an approved overcurrent protection device (such as a circuit breaker) there is no need for the filter to have an SCCR rating itself, since the upstream protection device will provide protection to the filter.

Please contact us for specific model information and pricing or with any questions you may have.

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