



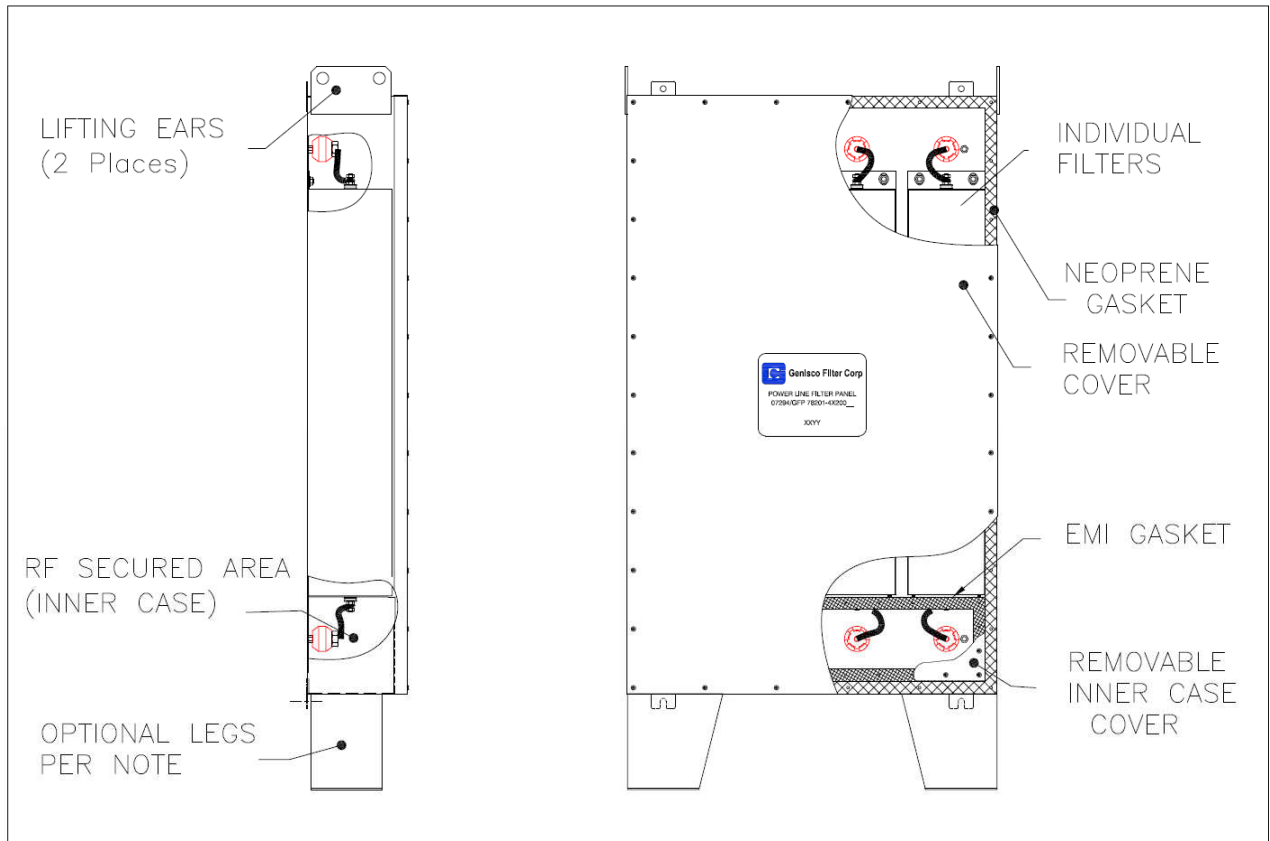
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Facility Power Line Filter Panels

GFP78201 Capacitive Input

High Attenuation

100 dB from 14 kHz ~ 18 GHz



Product Summary

GFP78201 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 GFP78201 Series Filter Panels have an insertion loss (Attenuation) of 100 dB from 14 kHz to 18GHz.

Subject to change. 2/6/2026



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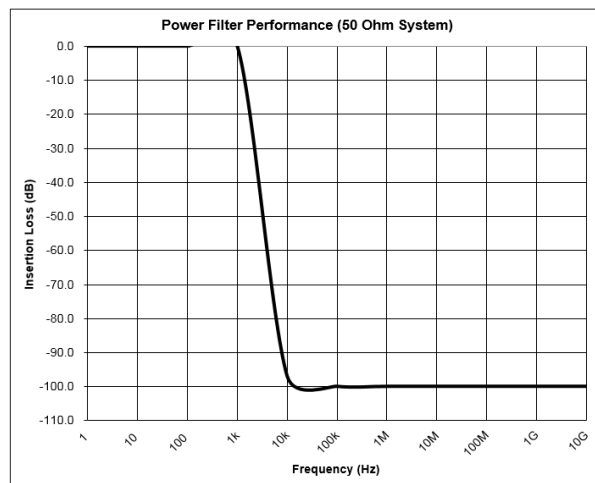
3408 Country Club Rd. Chickasha, Oklahoma 73018

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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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GF78201 Mechanical Dimensions

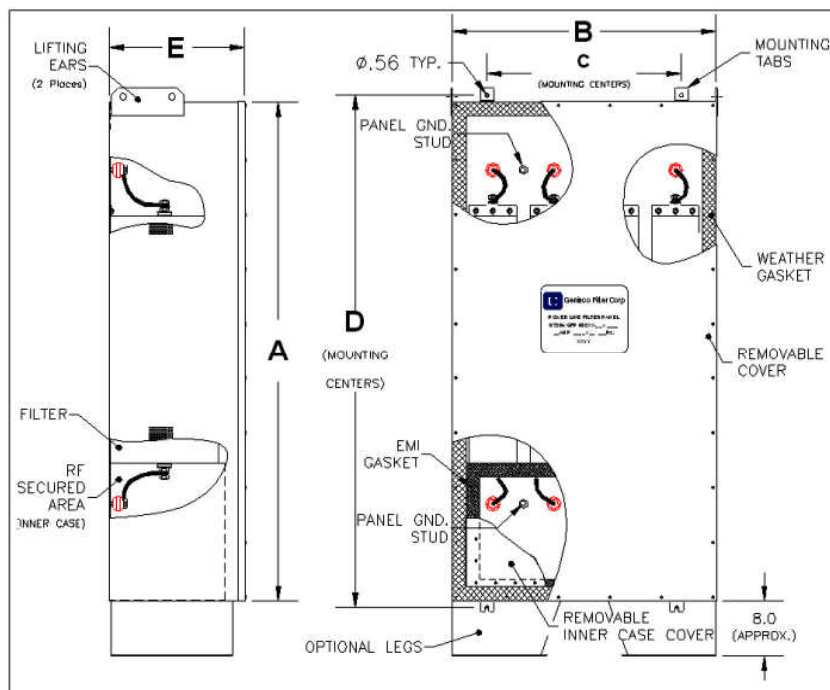


Table 1: GF78201 Filter Panel Mechanical Dimensions

 ETL CERTIFIED GF78200 FILTERS USED	Quantity of Filters and Current Rating*						Approx Weight (lbs)
		A	B	C	D	E	
YES	4x30 Amp	34	23	17	35.25	8.25	225
YES	4x60 Amp	42	26	20	43.25	8.25	300
YES	4x100 Amp	42	26	20	43.25	8.25	325
YES	4x150 Amp	51	30	24	52.3	10	400
YES	4x200 Amp	51	30	24	52.3	10	450
	4x250 Amp	51	30	24	52.3	10	450
	4x300	80" overall. **(72" case + 8" legs)	39	N/A	Side tab	14	900
	4x400	80" overall. **(72" case + 8" legs)	39	N/A	Side tab	14	900

**** Legs are standard on 300 Amp and larger Filter Panels.**

***Other Circuit Configurations and Current Ratings Available Upon Request • Dimensions are in Inches**



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

- GFP78201 = 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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SUBJECT TO CHANGE WITHOUT NOTICE
2/6/26