

Magney Grande Models:  
**CMFB-VGR2-2T / CMFB-VGC-T / CMFB-VGC-SS**  
**COMMON MODE FILTER**



**Features**

- 4800V L-L/4800V L-G
- Dedicated for Common Mode Filtering (L-G)
- Augments Existing Sine Wave Filters (L-L)
- VFD/VSD/ASD Applications with Carrier Frequencies below 4000 Hz
- Patented Product

**Performance Specifications**

- Models

**CMFB-VGR2-2T / CMFB-VGC-T / CMFB-VGC-SS**  
 Contact Magney Grande for application questions.

**Physical Specifications**

- Relative Humidity Range: 0-95% non-condensing
- Operating Frequency: 10-100 Hz
- NEMA 3R, 4 Enclosure Powder Coated RAL-7035

• Dimensions:

\*CMFB-VGR2-2T: ≈180lbs.

42" x 30" x 10"

(1067mm x 762mm x 254mm)

\*CMFB-VGC-T and \*\*CMFB-VGC-SS ≈300lbs.

60" x 36" x 12"

(1524mm x 914mm x 305mm)

\*Measurements do not include the dimension of mounting stand.

\*\* Class I, Div II, Group D, SS Enclosure

- Wire Size: (HV #14 AWG, 15KV; LV #16/2 AWG, 600V)
- Offshore Platform Versions Available.

**Diagnostic Monitoring**

- LV NC/NO Dry Contacts / Control relay output terminal connection to use with VFD/VSD/ASD controller. Used for alarm or tripping.

**Design Features**

- Designed, Manufactured and Tested consistent with: IEEE 18, ANSI C37.20
- For External Mounting, next to Medium Voltage taps of Step Up Transformer or Sine Wave Filters on Medium Voltage Drives
- All Mode (6 Modes) dedicated (A-B, B-C, C-A, A-G, B-G, C-G)
- Individually Fused and Current Activated Switches
- Locate within 10 feet of connection point.

**Application Requirements**

- ≤ 600 Rated Amps with FPWM: CMFB-VGR2-2T
- ≥ 600 Rated Amps & ALL 6 Step Drives: CMFB-VGC

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**Quality Standards & Validation**

- U.S. Pat. No. 11,043,882 & 10,566,882
- 1 Year Warranty
- Burn-In tested prior to shipment
- Manufactured and Assembled in USA & Mexico

*Specifications subject to change.*