Post Glover Resistors

Heavy-Duty Fan-Cooled Dynamic Braking Resistors

Post Glover’s experience in both stationary load banks and motor control resistors has lead to the creation of an application specific product line: fan-cooled dynamic braking resistors. Paired with extremely heavy braking or overhauling loads, Post Glover’s compact resistor packages minimize the space required in already cramped equipment areas. Extreme environmental conditions and the requirement to be up and running 24/7 have led users to Post Glover’s compact fan-cooled DB resistors.

Post Glover is able to supply a solution tailored to your needs and your particular application. Directional exhaust, choice of enclosure material, application specific ratings and a knowledgeable staff make the choice easy. A compact footprint combined with the industry’s highest kilowatt ratings make fitting them into an overall design easy. State of the art manufacturing and engineering certified to ISO-9001 insures a quality product, letting you rest easy.

Features & Specifications

Post Glover fan-cooled dynamic braking resistors are available in a variety of configurations, allowing customers to choose the ratings and options they require. The basic features have been standardized, allowing for cost efficiencies and faster lead times.

Resistors
PG makes all its own elements, and uses primarily spiralwound or grid elements depending on ratings and configuration. Both offer excellent corrosion resistance and excellent durability even under difficult conditions.

Cooling
Cooling is provided by a self-contained, fused 3- or 5-HP, three-phase blower. Blower power is customer supplied.

Enclosure
Standard housing is powder-coated aluminized steel enclosures. Optional 316 stainless steel enclosures are available for corrosive or coastal environments. Screened intake and exhaust openings protect the blower and resistor elements. All components are field serviceable, and can be replaced if necessary with a minimum of dismantling.

Protection
Over-temperature sensors and/or differential pressure switch are available features.

Control Power
120 volts, single phase, 60 Hz (customer supplied or from optional control power transformer).

<table>
<thead>
<tr>
<th>Available Ratings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max kW</td>
</tr>
<tr>
<td>Voltage</td>
</tr>
<tr>
<td>Resistance</td>
</tr>
<tr>
<td>Exhaust direction</td>
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</tbody>
</table>

RoHS

1369 Cox Avenue • Erlanger, KY 41018 • USA • Phone: 800-537-6144 / 859-283-0778 • www.postglover.com

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# Quote Request Form

**Name:**

**Company:**

**City/State:**

**Phone:**

**Fax:**

**Email:**

**Quote due by:**

**Required delivery:** On site before:

**Quantity:**

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**Construction**

- **Installation:**
  - [ ] Indoor (NEMA 1)
  - [ ] Outdoor (NEMA 3R)

- **Enclosure:**
  - [ ] Painted galvanneal
  - [ ] Painted, Aluminized steel
  - [ ] Stainless steel
    - Color: ________________
    - Color: ________________
    - Grade: ________________
  - [ ] Height restriction: ____________________ in.

- **Blower Power:**
  - [ ] External, ______________________________ VAC

- **Altitude:**
  - ______________________________ masl

- **Ambient Temp.:**
  - [ ] Minimum ______________________________ °C

- **Max. Temp. Rise:**
  - [ ] ______________________________ °C above ambient

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**Load** (Check all the following that apply)

- Resistance: ________________ Ω  Power: ________________ kW
- Bus voltage: ________________ V  Duration: ________________ sec.
- Peak voltage: ________________ V

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**OTHER**

List any other design details that should be considered, including environmental considerations.