



POWEROHM RESISTORS, INC.



**Forced Air
Braking Resistors
for the Oil & Gas
Industries**



When Choosing a Forced Air Resistor for Your Powerohm Resistors In

Powerohm is the perfect choice for ruggedly designed units to withstand the rigors of Land or Sea.

Our space saving designs feature multiple enclosure offerings, including a large array of Horizontal and Vertical configurations that are engineered to provide the dependability needed to maintain your production levels 24/7.



From the extremes of the tundra of the northern and southern hemispheres to the tropics, Powerohm is the answer for all your Dynamic Braking Resistor needs.

Our Top Drive or Draw Works Applications c. Sets the Standards

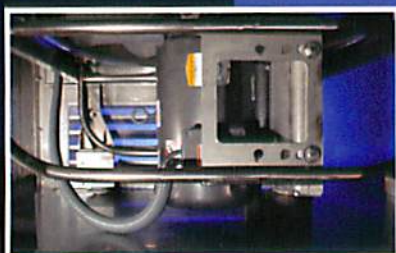
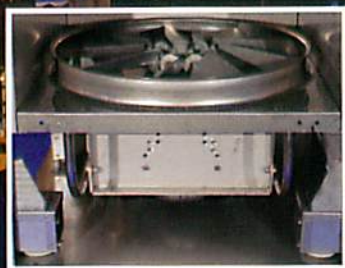
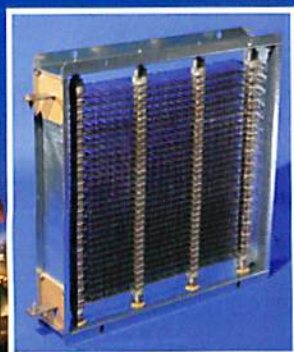
Powerohm's unique "Air-Cooled Resistor" design allows for maximum element mass in the smallest frame package. The wide current path of the stainless steel element reduces the need for parallel connections. It also provides the highest efficient watt density and watt second ratios, when compared against other element styles such as round wire or mesh style forms.

Our forced air-cooled units which range from 600 KW to 2.4 MW, feature a high performance blower assembly that provides a relatively low noise solution as well as a powerful air flow. Our custom design features only the highest quality components combined with an all welded rigid frame to insure maximum production uptime.

Powerohm's braking resistor designs are perfectly matched for your specification and the Brake Module characteristics, providing the maximum torque needed for energy dissipation from the braking cycles encountered in Top Drive, Draw Works and Pump Jack applications.

Standard Packages Include:

- Rugged Enclosures available in Galvanized Steel, Stainless Steel or Powder Coat Finishes
- Stainless Steel Non-Breakable Resistor Elements
- Outdoor Front and Rear Exhaust Guards (Horizontal)
- Removable Outdoor Exhaust Hood (Vertical)
- Heavy Duty Resistor Terminations
- Air Intake Louvers with Removable Filter Screens
- Sealed Compartment for Resistor, Fan and Safety Circuit Connections
- Heavy Duty Blower with a Quick "Change Out" Bracket System
- Pressure Differential Switch Protection to Monitor Air Flow
- Exhaust Temperature Switches for Element Protection
- Lifting Eyes, Feet and/or Forklift Channels

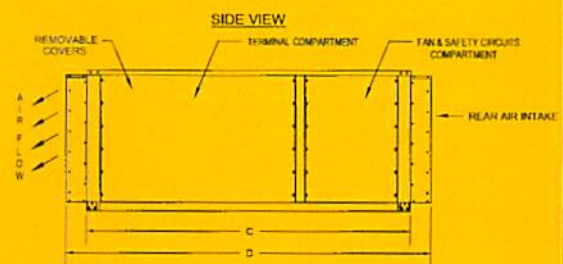




Horizontal Unit

Standard Forced Air Cooled Enclosure Sizes

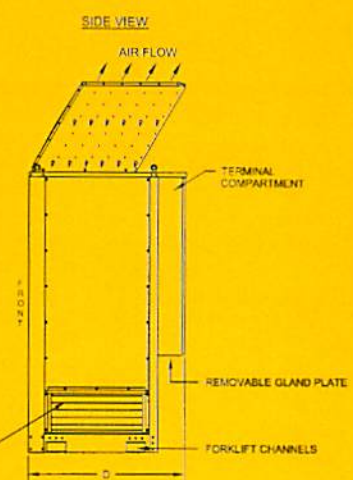
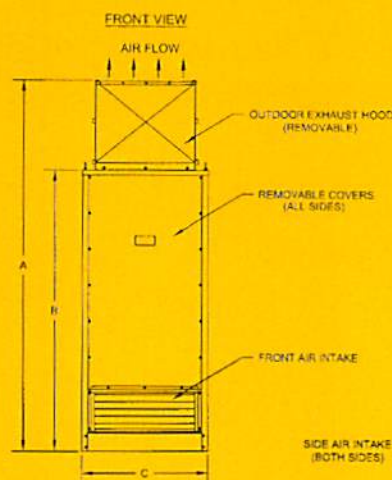
Power Rating (Kilowatts)	Overall Dimensions (Inches)			
	A	B	C	D
300	36	36	72	80
450	36	36	72	80
600	42	48	72	84
900	42	48	84	96
1200	42	48	96	108
2400	42	82	96	108



Vertical Unit

Standard Forced Air Cooled Enclosure Sizes

Power Rating (Kilowatts)	Overall Dimensions (Inches)			
	A	B	C	D
300	88	68	36	42
450	100	80	36	42
600	88	68	42	52
900	110	80	42	52
1200	122	92	42	52



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Manufacturing: 5713 13th Street • Katy, Texas 77493 • **Local:** 281.391.6800

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