



SPECIALTY ENVIRONMENTAL CHEMICALS AND EQUIPMENT

R4K Radial Carbon Adsorber

DESCRIPTION:

The R4K Radial unit is an ultra compact carbon vessel that is good for vapor flows up to 10,000 CFM. Unique radial design maximizes contact while minimizing pressure drop. Unit has Vapor Tech's proven safety features such as multiple temperature gauges as well as an internal liquid sparger system (which can also dispense nitrogen). Sample ports are located on inlet and outlet and the unit has a 2" drain to remove condensate. Easy-to-remove top lid makes carbon change-out quick and easy. There is no other radial unit like this available today.

SPECIAL FEATURES:

- Compact Design!
- Holds 4000 pounds of GAC (general activated carbon).
- Internals made of stainless steel.
- Multiple temperature gauges.
- Easy to remove lid.
- Low pressure drop.
- May be used in a vacuum.
- Liquid/Nitrogen purge system included to help avoid thermal events.
- Available for purchase or rental.

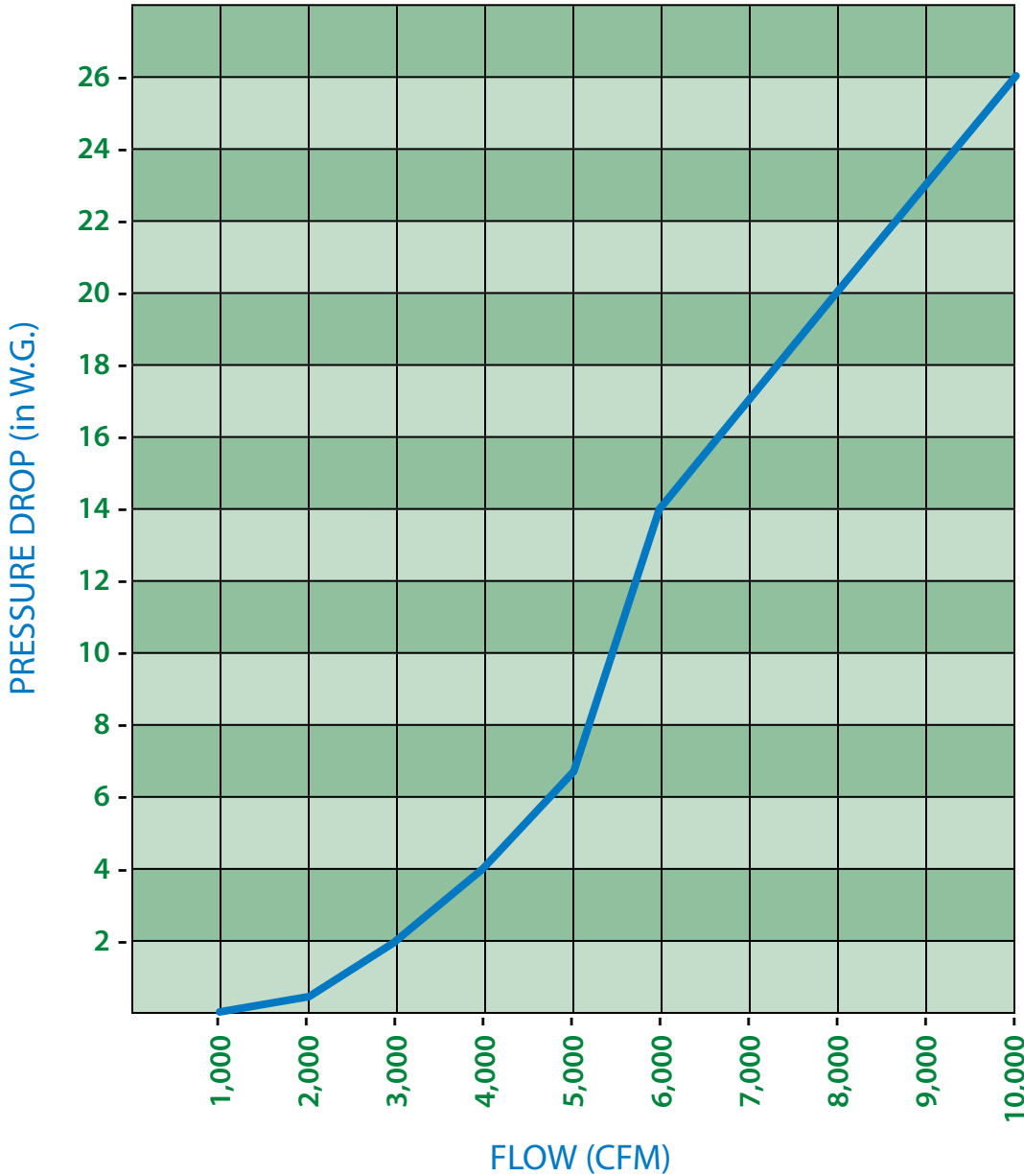


SPECIFICATIONS

Unit Footprint	80" x 113"
Unit Height	113"
Vapor Inlet Size & Type	12" Flange (150# bolt pattern)
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Typical Carbon Volume	4000 lbs
Maximum Airflow	10,000 CFM
Maximum Pressure	2 PSI
Maximum Vacuum	1.5" Hg
Sample Ports	Inlet and Outlet
Unit Drain Valve	Yes
Liquid/Nitrogen Purge	Yes
Loaded/Empty Weight	5700/1700 pounds



PRESSURE DROP GRAPH



Note: These pressure drop readings were recorded using 4x10 mesh GAC media.



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