

PRODUCT DATA SHEET

January, 2007

KLEEN.AIR 4000FRP

GENERAL INFORMATION

KLEEN.AIR filter units are designed for the efficient purification of vapor waste or process streams. These filters have the ability to remove contaminants to non-detectable levels.

The vessels are constructed of fiberglass reinforced polyethylene. The exterior finish is a U.V. resistant gel coat with a C Veil interior chemical barrier. Our unique design with an elevated media bed allows for more uniform distribution of airflow through the bed with up-flow configuration.

Units are shipped filled with high quality media and ready for connection to process piping. Once the media is "spent", Baker can provide a number of service and disposal options.

WEIGHTS AND MEASURES

» Max. Flowrate:	.....	3,500 cfm
» Max. Pressure:	.....	Atmospheric
» Design Temp:	.....	120°F
» Height:	.....	118"
» Diameter:	.....	96"
» Shipping Wt*: (drum + media) (* Media dependent)	.....	Empty: 1,700 lbs. Filled: 5,700 lbs. – 9,700 lbs.

FILTER MEDIA

» Types:	.....	•Activated Carbon •Specialty Media
» Volume:	.....	140 cu. ft
» Weight*: (* Media dependent)	.....	4,000 lbs. – 8000 lbs.

MISCELLANEOUS DATA

» Inlet:	.....	16" flanged
» Outlet:	.....	16" flanged
» Manways:	.....	24" (side & top)
» Lid Gasket:	.....	Neoprene
» Internals:	.....	False bottom distribution (built to suit)
» Tank Material:	.....	Fiberglass reinforced polyethylene with a vinyl ester resin
» Exterior Finish:	.....	UV resistant gel coat with a C Veil interior chemical

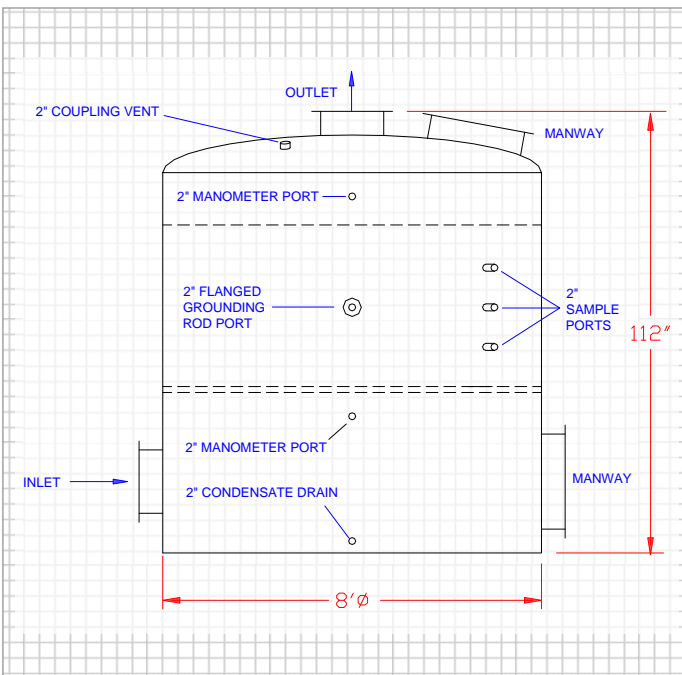
PRESSURE DROP DATA

Contact BakerCorp



NOTES:

1. In the presence of activated carbon, some contaminants may oxidize, polymerize or otherwise react resulting in the release of heat and become a potential fire hazard. Extreme care should be taken in the design and operation of such applications.
2. Wet activated carbon preferentially removes oxygen from air. In closed or partially closed containers and vessels, oxygen depletion may reach hazardous levels. If workers are to enter a vessel containing carbon, appropriate procedures for potentially low oxygen spaces must be followed, including all federal and state requirements.



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