

PRODUCT DATA SHEET

January, 2007

KLEEN.AIR 3000HPV

GENERAL INFORMATION

These units are designed for the efficient purification of contaminated vapor waste or process streams. They have the ability to remove contaminants to non-detectable levels. The vessels are constructed of heavy-duty mild steel and are lined for corrosion resistance. These filters are shipped from our warehouse with high quality filtration media 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:	.....	1500 cfm
» Max. Pressure:	.....	75 psi
» Max. Temp:	.....	150°F
» Height:	.....	96"
» Diameter:	.....	60"
» Shipping Wt*: (drum + media) <i>(* Media dependent)</i>	.....	4350 lbs. – 7350 lbs.

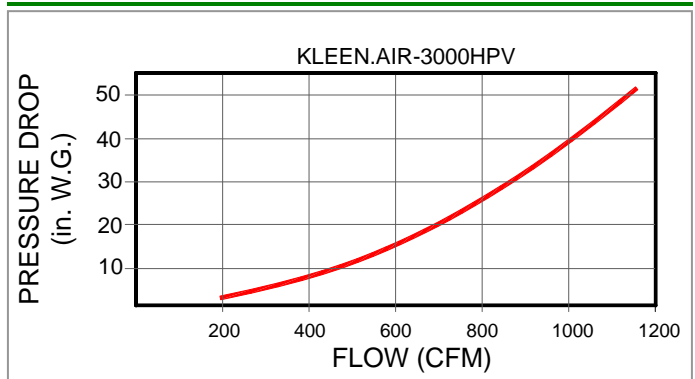
FILTER MEDIA

» Types:	.....	•Activated Carbon •Specialty Media
» Volume:	.....	102 cu. ft.
» Weight*: <i>(* Media dependent)</i>	.....	3,000 lbs. – 6000 lbs.

MISCELLANEOUS DATA

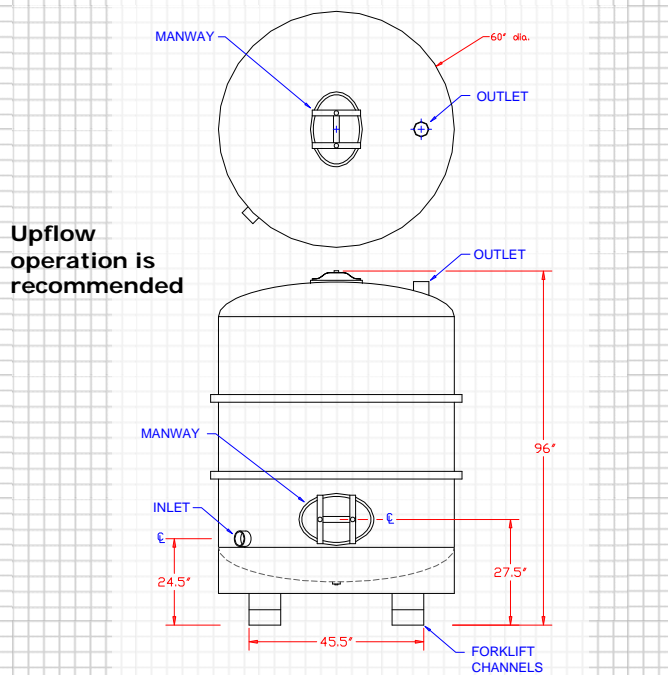
» Inlet:	.....	4" FNPT
» Outlet:	.....	4" FNPT
» Interior Coating:	.....	Double-layered epoxy
» Internals:	.....	PVC inlet diffuser
» Media Access:	.....	12"x16" top and side manways (yoke & bolt style; neoprene gasket)

PRESSURE DROP DATA



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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