

PRODUCT DATA SHEET

November, 2007

**KLEEN.AIR (KA)
3000/4000/5000/6000/8000**

GENERAL INFORMATION

These adsorber 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. 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:	KA 3000: 2000 cfm KA 4000: 3000 cfm KA 5000: 4000 cfm KA 6000: 5000 cfm KA 8000: 5000 cfm
» Max. Pressure:	15 psig
» Max. Vacuum:	4 in. Hg
» Max. Temp:	150°F*
» Height:	All models except KA8000- 94" KA8000 - 106"
» Diameter:	KA 3000: 60" KA 4000: 72" KA 5000: 84" KA 6000: 96" KA 8000: 96"
» Shipping Wt.: (vessel + media)	KA 3000: 4,200 lbs. - 7200 lbs. KA 4000: 5,400 lbs. - 9400 lbs. KA 5000: 6,700 lbs. - 11,700 lbs. KA 6000: 8,000 lbs. - 14,000 lbs. KA 8000: 10,000 lbs. - 16,000 lbs.

* Max recommended operating temperature is 125°F.

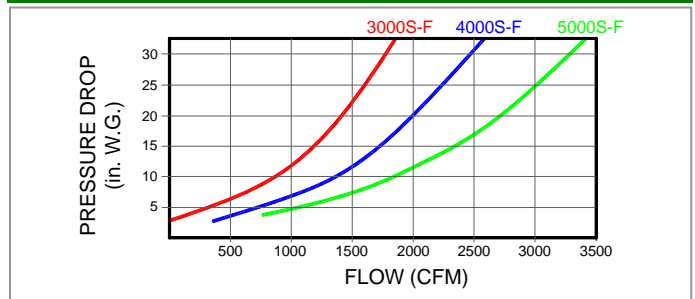
FILTER MEDIA

» Types:	•Activated Carbon •Specialty Media
» Volume:	KA 3000: 107 cu. ft. KA 4000: 143 cu. ft. KA 5000: 178 cu. ft. KA 6000: 214 cu. ft. KA 8000: 266 cu. ft.
» Weight*: (* Media dependent)	KA 3000: 3000 lbs. - 6000 lbs. KA 4000: 4000 lbs. - 8000 lbs. KA 5000: 5000 lbs. - 10,000 lbs. KA 6000: 6000 lbs. - 12,000 lbs. KA 8000: 8000 lbs. - 16,000 lbs.

MISCELLANEOUS DATA

» Inlet/Outlet	KA 3000: 8" flanges KA 4000: 10" flanges KA 5000: 12" flanges KA 6000: 12" flanges KA 8000: 12" flanges
» Interior Coating:	Double-layered epoxy coating
» Internals:	False bottom distribution (built to suit)
» Media Access:	24" Top manway

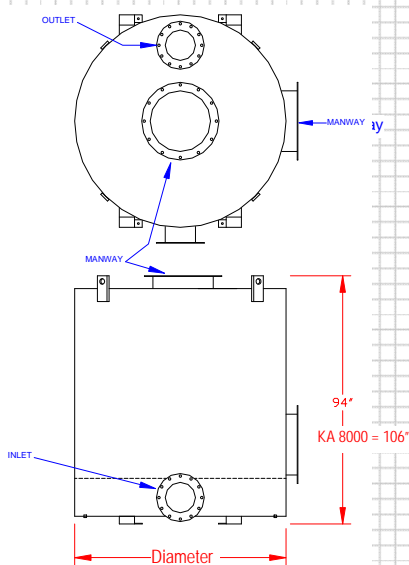
PRESSURE DROP DATA



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.

Upflow operation is recommended



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