

PRODUCT DATA SHEET

January, 2007

KLEEN.AIR 30, 55 & 85

GENERAL INFORMATION

These units are designed for the efficient purification of vapor waste or process streams. These absorbers have the ability to remove contaminants to non-detectable levels. The vessels are constructed of heavy-duty mild steel and are lined with a double layered epoxy coating. These 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:	Model 30 – 120 cfm Model 55 – 150 cfm Model 85 – 180 cfm
» Max. Pressure:	Model 30 – 10 psi Model 55 & 85 – 12 psi
» Design Temp:	All models - 150°F
» Height:	Model 30 – 30" Model 55 – 36" Model 85 – 40"
» Diameter:	Model 30 – 19" Model 55 – 24" Model 85 – 26"
» Shipping Wt*: (drum + media) (* Media dependent)	Model 30 – 145 lbs. – 245 lbs. Model 55 – 260 lbs. – 460 lbs. Model 85 – 365 lbs. – 645 lbs.

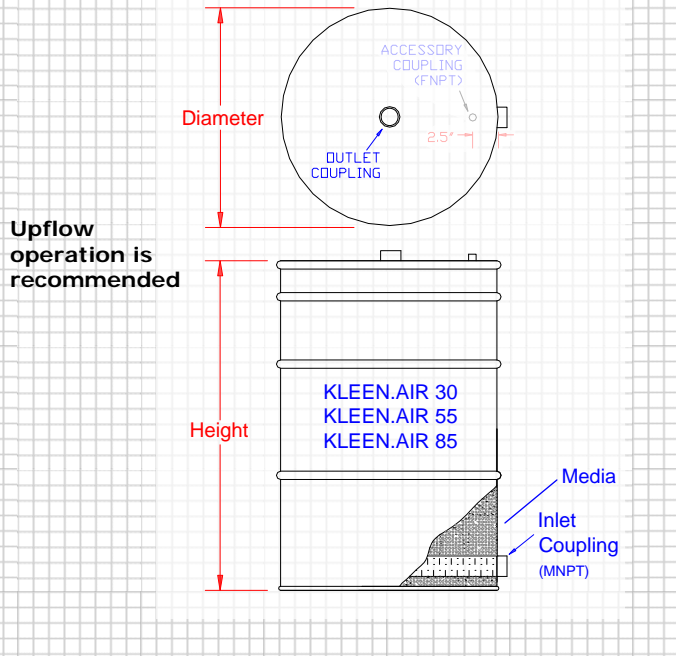
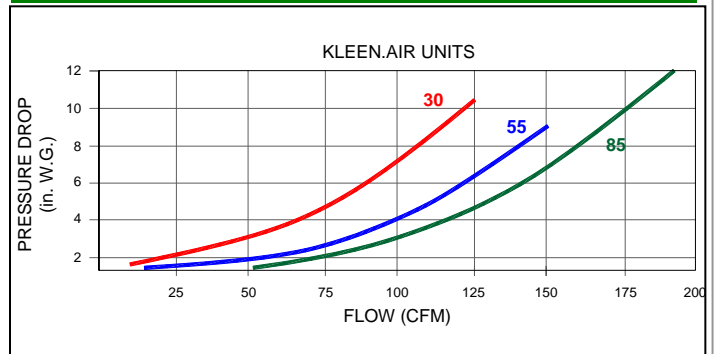
FILTER MEDIA

» Types:	• Activated Carbon • Specialty Media
» Volume:	Model 30 – 3.4 cu. ft. Model 55 – 6.9 cu. ft. Model 85 – 9.7 cu. ft.
» Weight*: (* Media dependent)	Model 30 – 100 lbs. – 200 lbs. Model 55 – 200 lbs. – 400 lbs. Model 85 – 280 lbs. – 560 lbs.

MISCELLANEOUS DATA

» Interior Coating:	Double layered epoxy coating
» Exterior Coating:	High gloss polyurethane paint
» Inlet:	All models – 2" FNPT
» Outlet:	All models – 2" MNPT
» Lid Gasket:	Neoprene

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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