

**PRODUCT DATA SHEET**

November, 2005

**KLEEN.WATER**

**2000HP / 10,000HP / 20,000HP**

**GENERAL INFORMATION**

Liquid phase adsorption systems provide the highest quality available in high flow or high media capacity filter systems. Each pre-engineered system typically consists of two skid-mounted vessels and one piping module. These systems are customized for each application and are fabricated to ASME codes. The vessels are constructed of lined carbon steel. The piping module provides for single, series or parallel operation, as well as filter backwash and spent media slurry change-out operations.

**WEIGHTS AND MEASURES**

» Max. Flowrate:	2000HP: 100 gpm 10,000HP: 500 gpm 20,000HP: 1,000 gpm
» Max. Pressure:	75 psi
» Max. Temp:	125°F
» Vessel Height:	2000HP: 8'-11" 10,000HP: 15'-0" 20,000HP: 15'-10"
» Vessel Diameter:	2000HP: 4'-0" 10,000HP: 7'-6" 20,000HP: 10'-0"
» Overall System:	2000HP: 10'L x 5'W x 10'H 10,000HP: 25'L x 8'W x 16½'H 20,000HP: 28¾'L x 10'W x 17½'H
» Loaded Dry Weight*: <small>(* Media dependent)</small>	2000HP: 2800 lbs. – 4800 lbs. 10,000HP: Contact Baker 20,000HP: Contact Baker

**FILTER MEDIA**

» Types:	•Activated Carbon •Organoclay •Ion Exchange Resin •Specialty Media
» Volume:	2000HP: 67 cu. ft. 10,000HP: 333 cu. ft. 20,000HP: 667 cu. ft.
» Weight:	2000HP: 2000 lbs. – 4000 lbs. 10,000HP: 10,000 lbs. – 20,000 lbs. 20,000HP: 20,000 lbs. – 40,000 lbs.

**MISCELLANEOUS**

» Vessel Code:	ASME Section VIII
» Vessel Material:	Carbon Steel
» Piping:	Carbon steel or PVC
» Inlet/Outlet:	2000HP: 2" 10,000HP: " 20,000HP: 4"
» Interior Coating:	Vinyl ester or epoxy (application dependent)
» Internals:	<u>Lower underdrain:</u> 304L Stainless Steel or PVC (application dependent)
» Media Access:	2000HP includes (1) 12"x16" manway; 10,000HP and 20,000HP units include (1) top and (1) side 14"x18" manway
» Manway Gaskets:	Neoprene (or customer specification)

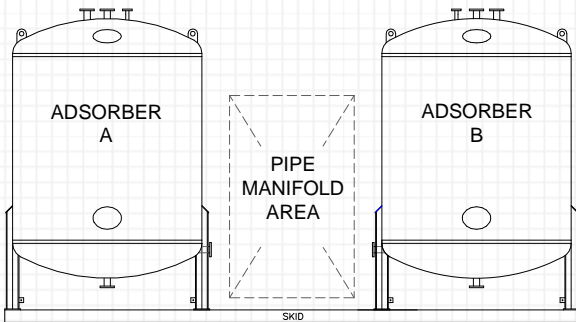
**PRESSURE DROP DATA**

Contact BakerCorp



**NOTES:**

1. 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.



**Downflow operation is recommended**