

# POLYGLASS ADSORBERS

## Applications

Spectrum offers a full line of polyglass liquid phase adsorbers engineered to remove contaminants from high pressure liquid streams while providing maximum corrosion resistance. These adsorbers are manufactured with fiberglass reinforced resin and an inner polyethylene liner. The PG series adsorbers can be utilized by industrial, municipal, or commercial users in a variety of applications.

- Decolorization
- Product Purification
- Process Water Filtration
- Groundwater Remediation
- Wastewater Treatment
- Drinking Water Treatment

## Installation, Startup, & Operation

Spectrum can provide a total service package that includes utilizing OSHA trained personnel providing on-site carbon changeouts, packaging and transportation of spent carbon for recycling at our reactivation facilities.

At the time of purchase or rental of the adsorbers, arrangements should be made for the reactivation of the spent carbon. Spectrum will provide instructions and assistance on how to obtain acceptance of the spent carbon at our reactivation facilities. Spent carbon cannot be accepted for reactivation until the acceptance process is completed.



## Benefits & Design Features

- Durable, Fiberglass Reinforced Resin construction – provides strength for high pressure applications and protection from corrosive environments
- Polyethylene liner and Polypropylene Internal Fittings – provides excellent internal protection against corrosive liquids
- Optional Transport Frame available for easy transport and installation (PG500 through PG2200 only)
- Optional Carbon Fill and Discharge piping
- (Schedule 80 PVC) provided for slurry carbon transfer
- Available for Purchase or Rental
- Approved for the transport of hazardous spent carbon (when supplied with optional Transport Frame)
- Maximum working pressure of 100 psig (689 kPa) for model PG5000, and maximum working pressure of 150 psig (1034 kPa) for all other models
- Temperature Limit of 140°F (60 C)

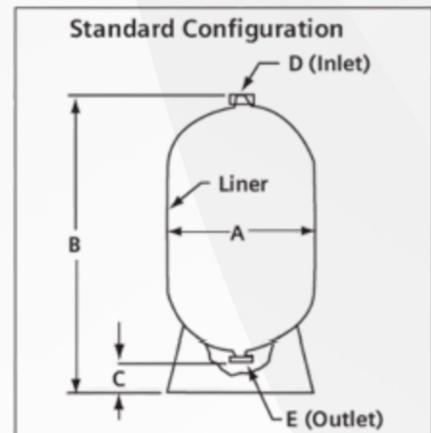
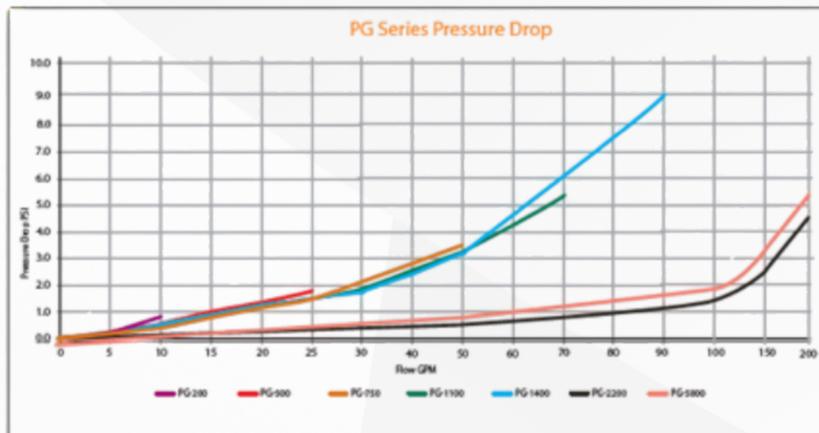
## Dimensions & Capacities

Adsorber	A Inches	B Inches	C Inches	D Inches	E Inches	Max. Flow (GPM)	Approximate Carbon Fill (lbs.)	Empty Shipping Weight (lbs.) (See NOTE)	Est. Operating Weight (lbs.)
PG200	24	58	14	3	3	10	200	170	720
PG500	30	89	10	3	3	35	500	211	1211
PG750	36	91	11	3	3	50	750	285	1785
PG1100	42	89	11	3	3	65	1100	400	2600
PG1400	48	93	11	3	3	90	1400	494	3294
PG2200	63	109	27	3	3	175	2200	950	5350
PG5000	63	169	27	3	3	200	5000	1398	11398

Note: PG adsorbers without Transport Frame must ship empty of carbon. If Transport Frame is included, units may ship filled with carbon. Approximate weight of units with Transport Frame are 350 lbs. higher than empty shipping weights shown above.

Note: Standard vessels are furnished with FNPT inlet and outlet fittings. Other optional fittings can be provided as required.

Note: PG Series adsorber vessels are not rated for vacuum service.



Safety Note: Wet activated carbon readily adsorbs atmospheric oxygen. Dangerously low oxygen levels may exist in closed vessels or poorly ventilated storage areas. Workers should follow all applicable state and federal safety guidelines for entering oxygen depleted areas.