



SERVICE TECH, INC.

"Activated Carbon Engineering, Sales and Service"

Liquid Clean High Pressure Adsorbers

Service Tech, Inc. has a complete line of high pressure liquid granular activated carbon (GAC) adsorbers. The LIQUIDCLEAN (LC) ADSORBERS are designed for clients who need a low cost, high pressure unit that is portable and efficient. These units are designed for a maximum pressure of 100 PSI and are available in sizes from 500 to 2,000 pounds that can handle flow rates ranging from 20-70 gpm.

Specifications:

- Epoxy lined poly steel construction
- 100 PSI @ 150° F design
- Fork channels and lifting lugs

- Bottom PVC distributor system to eliminate channeling
- Bottom PVC distributor system for backwashing and up-flow operation
- 12" x 16" Elliptical manway
- 2" inlet/outlet
- 2" carbon transfer line

| Model | GAC Capacity ft ³ / lbs. * | Flow ** (GPM) Norm / Max | Overall Diameter X Height |
|-----------|--|-----------------------------|------------------------------|
| LC - 500 | 18 ft ³ / 500 lbs. | 20 | 30" x 78" |
| LC - 750 | 27 ft ³ / 750 lbs. | 30 | 36" x 78" |
| LC - 1000 | 35 ft ³ / 1000 lbs. | 30/40 | 36" x 99" |
| LC - 1500 | 54 ft ³ / 1500 lbs. | 50 | 48" x 99" |
| LC - 2000 | 72 ft ³ / 2000 lbs. | 50/75 | 48" x 99" |

* Estimated GAC weight is based on Bituminous Coal Product

** Flowrates based on equipment limits.

Contact Service Tech, Inc.'s Technical Representatives for operational estimates based on your process stream.

Service Tech can provide on-site changeout services to any adsorption system.

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