

Protect™ LM Series

Modular Liquid Adsorbers



Description

Protect™ LM Series is designed as a low cost pressure adsorber that is portable and can easily be put into service. Protect™ LM Series adsorbers are capable of operating pressures up to 75 psi, temperatures up to 140°F, and are designed to hold from 500 to 2,000 lbs. of activated carbon or 18 to 72 ft³ of other granular media.

Specifications

Model No.	GAC ft ³ /lbs.	Recommended	
		Maximum Flow Rate	Estimated Weight (Empty/Shipping)
LM-18	18/500	25 gpm	500/1,000
LM-27	27/750	50 gpm	815/1,565
LM-36	36/1,000	50 gpm	815/1,815
LM-54	54/1,500	70 gpm	1,115/2,615
LM-72	72/2,000	70 gpm	1,115/3,115

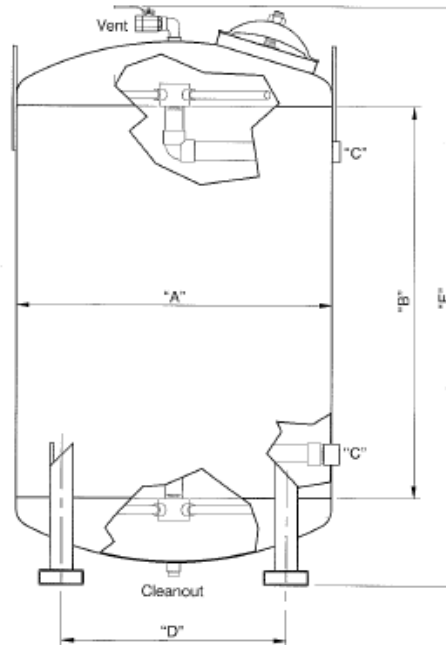
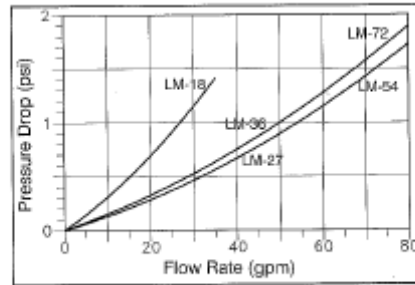
Features

- Durable carbon steel construction
- Hydrotested to 113 psi
- Lifting lugs and forklift guides to facilitate moving and placement
- Lower PVC collection hub and laterals positioned for superior distribution and eliminates the need for GAC support bed
- Upper PVC distribution hub and laterals allow for backwashing and/or upflow operation
- Threaded influent/effluent connections
- 12"x16" elliptical manway for easy access
- Low profile design
- Heavy duty chemical resistant internal epoxy lining
- Exterior protected with a rust-inhibitive epoxy urethane for a durable finish
- Can be filled with any of Calgon Carbon's reactivated or virgin activated carbons or other granular media
- Shipped with carbon and ready for service
- All models available for rent

Available Options

- FDA & NSF approved linings
- Custom linings and colors
- Higher operating temperatures
- Stainless steel construction and stainless steel internals
- Flanged inlet/outlets
- Side manway
- PRV
- Air release valve
- Screened drain assembly
- Pre-piped dual systems
- Automated systems

Pressure Drop Curve



Model No.	Diameter "A" (in.)	Diameter "B" (in.)	Inlet/Outlet "C" (in.)	Forklift Guides "D" (in.)	Overall Height "E" (in.)
LM-18	30	48	2" fpt	20	~72
LM-27	42	48	2" fpt	30	~76
LM-36	42	48	2" fpt	30	~76
LM-54	48	72	2" fpt	34	~100
LM-72	48	72	2" fpt	34	~100



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Your local office

