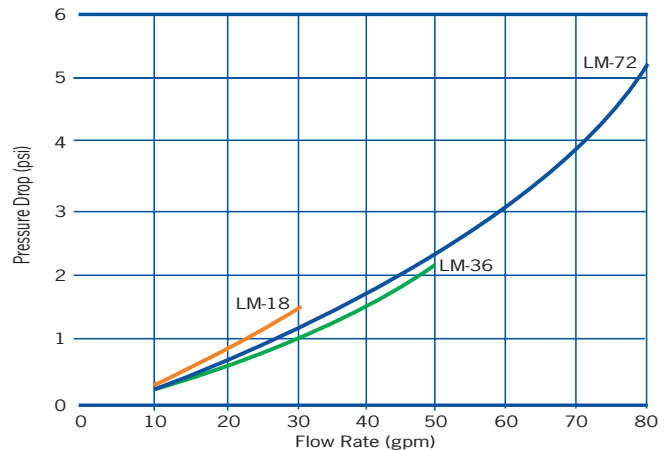


# PROTECT™ LM SINGLE

Liquid Adsorbers



**Pressure Drop Curve**  
Downflow with 12 x 40 Carbon @ 60° F with Upper Distributor and Lower Septa



## Description

Protect™ LM Single vessels are designed as low cost pressure adsorbers that are portable and can easily be put into service. Protect™ LM Single 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.

## 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 flow deflector allow for backwashing
- 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
- 25% Freeboard for backwashing typical

## Safety Message

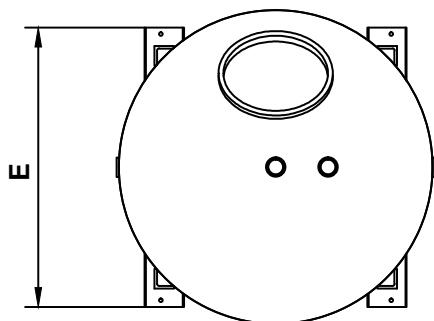
Wet activated carbon can deplete oxygen from air in enclosed spaces. If use in an enclosed space is required, procedures for work in an oxygen deficient environment should be followed.

1.800.4CARBON calgoncarbon.com

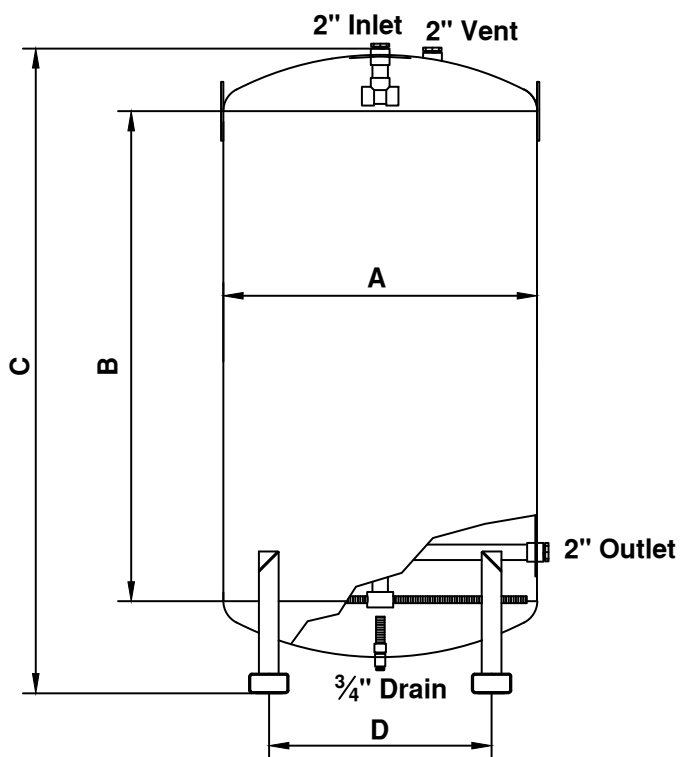
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DS-PROLM15-EIN-E1

## Model Information

Model Number	GAC ft <sup>3</sup> /lbs.	Recommended Maximum Flow Rate	Estimated Weight (Empty/Shipping)	Diameter "A" (in.)	Straight Side "B" (in.)	Inlet/ Outlet "C" "D" (in.)	Forklift Guides	Overall Height "E" (in.)
LM-18	18/500	25 gpm	500/1,000	30	48	2" FF	21	~73
LM-36	36/1,000	50 gpm	815/1,815	42	48	2" FF	30	~78
LM-72	72/2,000	70 gpm	1,115/3,115	48	72	2" FF	34	~100



**Plan**



**Elevation**

### Safety Message

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