

The “Pressure Purge” Flush Cart

\$1998⁰⁰ From Geo-Enterprises, Inc.



Fully Pressurized Portable Flush Cart

- Complete cleaning and filtering system
- Full pressurization operation can run unattended
- Can be operated as an open flushing system
- Water supplied through common garden hose
- Air purge is selectable automatic or manual; valve with liquid-filled gauge
- Reinforced polypropylene filter housing rated to 125psi
- Multiple filter options from 150 microns down to 1 micron; activated carbon 10 micron filter available
- Filters are easily removed for washing or quick change
- 1½ HP 115V pump
- Factory mounted on heavy duty cart for secure and easy maneuverability
- Water-proof operating switches
- Red brass three-way valves

Feature Characteristics

Feature	
Cart Material	Steel
Tank Material	Glass Reinforced Polypropylene
Piping	HDPE, Red Brass and Reinforced Flex Hose
Piping Size	1½ inch
Valves	Red Brass, three-way
Valve Size	1½ inch for flush/purge and pressurization; 1 inch for make-up water supply and waste drain
Filter Inlet	2 inch, integral to filter housing, mid-unit
Filter Outlets	2 inch, integral to filter housing, lower-unit
Drain Plug	¾ inch (front), integral to filter housing
Hoses	250 PSI Rubber Hose
Hose Size	1 inch
Pump Rating	77 GPM @ 5 Ft Head
Electrical Plug	115V
Hose Connections	1 inch Cam and Groove
Total Weight	227 lbs.
Dimensions (maximum)	H-50½" W-25½" D-25½"
Tank Capacity	Continuous Fill in Full Pressurization Operation; 9 Gallons in Open Flushing System Operation
Filter Sizes	Pleated 1, 5, 20 and 50 micron, 150 micron mesh, Carbon Activated 10 micron

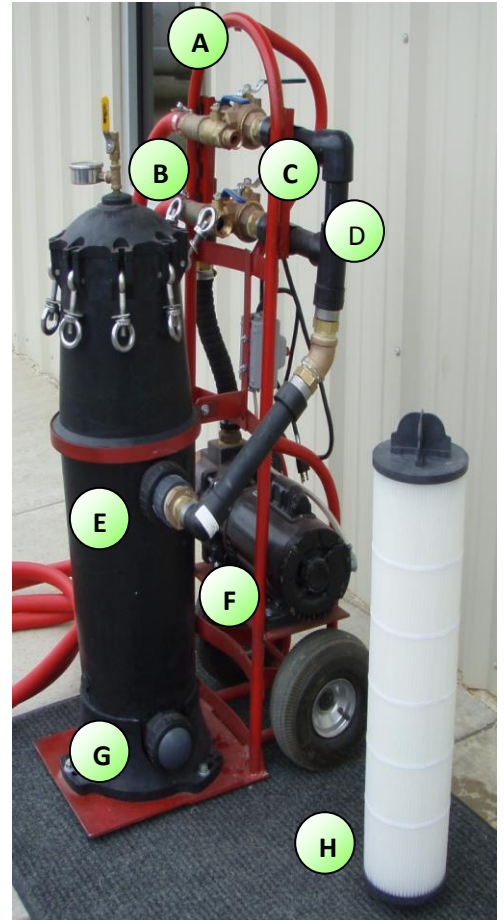
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Description of Parts

- A. Heavy Duty Steel cart Frame:** Welded and painted, with 10" pneumatic tires.
- B. Common Garden House Water Supply Connector:** For constant make-up source as air is purged from system
- C. Red Brass Three Way Valves:** For greatest flexibility, performance and long life
- D. HDPE, Reinforced Flex Hose and Red Brass Piping:** Corrosion free, high impact resistance on HDPE piping
- E. Filter Housing:** Constructed of glass reinforced polypropylene, will not dent, rust, chip, or corrode. Pressure rating of 125 psi, with a swing bolt closure and a cartridge lock adapter to hold it in place
- F. Pump Motor:** 1½ HP, 115V
- G. Drain Plugs:** ¾ inch plug on front for easy draining; 2 inch plug on side for quick drain or thorough cleanout
- H. Filter Cartridge:** Quickly and easily removed for filter swap or quick rinse. Pleated filters come in 1, 5, 20 and 50 micron sizes, mesh filter in 150 micron; Carbon Activated 10 micron filter is available



Performance Data:

Pump Flow Rates

Suction Lift (ft)	5	10	15	20	25
GPM @ 10 PSI	77	74	72	66	46
GPM @ 15 PSI	71	68	65	62	45
GPM @ 20 PSI	64	62	58	55	44
GPM @ 25 PSI	57	54	50	47	42
GPM @ 30 PSI	49	46	42	38	34
GPM @ 35 PSI	41	36	32	28	23
GPM @ 40 PSI	31	26	21	14	8
GPM @ 45 PSI	19	12	-	-	-
Max Pressure (psi)	50	47	45	43	41

Filter Pressure Drop by Filter Size

