



Flush Cart Data Sheet



The Geo-Flo Flush Cart is the professional's choice to purge air and flush debris from residential and light commercial geothermal ground loops. The Flush Cart includes all the important features required to safely flush and purge the loop including power flushing, power draining, pump and dump, and debris filtering. Its compact design utilizes standard components which allows for easy field service. The 1.5 HP self-priming 115V¹ pump is mounted above the cart's axle providing a well balanced system that is easy to maneuver. The Geo-Flo flush cart is the industry's only ETL listed flush cart (to UL standard 778).

Pump Data

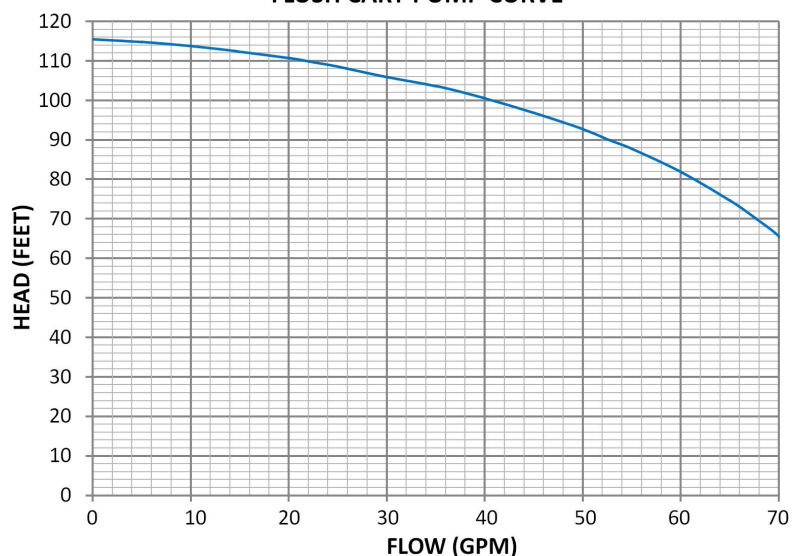
Self-Priming, Munro LP Series 1.5 HP
Heavy Duty Cap Start Pump Motor
Heavy Duty Cast Iron Construction
Brass Impeller
Two Drain Ports Ensure Complete Drainage
2" Suction, 1.5" Discharge Ports
Max Case Pressure: 150 PSI
Max flow rate 70 GPM²

Motor Data

HP	Voltage	Hz/Phase	RPM	FLA
1.5	115VAC*	60/1	3450	11.03

¹ Motor is dual rated 1X 115/208-230V; Factory wired 115V

FLUSH CART PUMP CURVE



Features

Tank: 10" Diameter, 13 gallon capacity, HDPE
Hand Truck: P-Handle, powder-coated steel
Tires: 10" Pneumatic
Wiring: 20' 12/3 SJO cord with 15 Amp male plug
Power Switch: Weatherproof switch box with 20 Amp GFCI protected switch Filter: Removable/reusable, 31" long, 100 micron, 90 GPM max (standard).**
Power Flush Valve: Brass, 2" Full port
Dead-Head Valve: Brass, 1½" Full port
Hose Connections on cart: 1.5" CAM male quick-connect
(2) Hoses Assemblies: 1½" ID flexible PVC hose with rigid PVC helix. 1½" cam female flush cart connections and 1¼" ball valves with 1" cam female field connections.
Power Drain Valve: Brass, ½" Full port with garden hose swivel connection
Pump & Dump Valve: Brass, ½" Full port with garden hose swivel connection
Fill Valve: Brass, ½" Full port with garden hose swivel connection
Pump Case Drain Port Valves: (2) ¼", Brass
PT Port: Located on both pump discharge and return piping
Pump/Tank Connection: 2" flexible wire reinforced hose
Sight Tube: Flexible with O-ring; allows fluid level monitoring during dead-head

² Pump discharge pressure must be no less than 25.5 PSIG to ensure that the pump is within the allowable operating range (70 GPM max). Running at a pressure/flow less than this will result in the pump over-amping and may result in motor failure.

³ Optional 1 micron add-on (P/N 3832).

⁴ 20 ft hose extension assemblies available (PN 3793)

Physical Data

Cart Assembly: 27" Wide x 48" Tall x 24" Deep
Hoses: 10' long

ITEM	WEIGHT (Lbs)
Flush Hoses	13.5
Flush Cart Assembly	155.5
Total	169
Shipping Weight*	183

*Includes pallet and packaging materials for shipping.



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