

Flush Cart Data Sheet



Description

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 and effectively 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 115V pump is mounted above the cart's axle providing a well balanced system that is easy to maneuver.

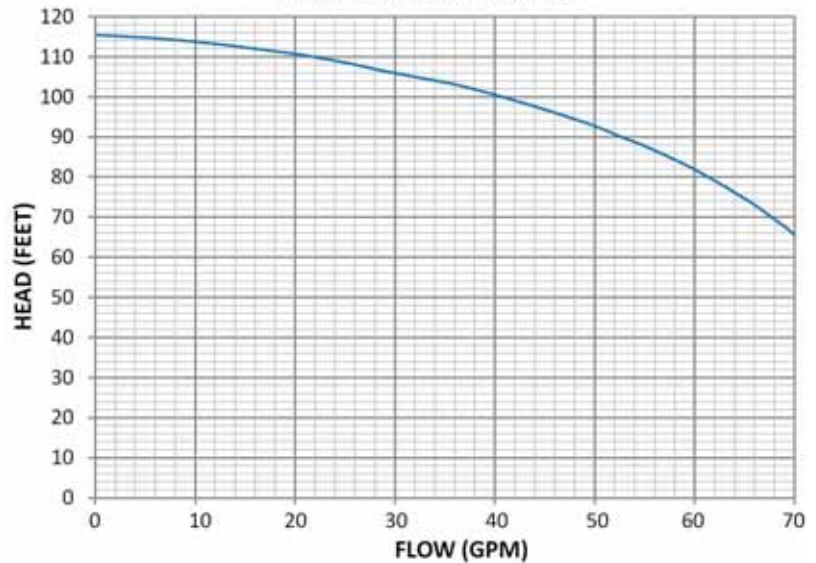
Pump Data

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

Motor Data

HP	Voltage	Hz/Phase	RPM	FLA
1.5	115	60/1	3450	13

FLUSH CART PUMP CURVE



Features

Tank: 10" Diameter, 13 gallon capacity
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, 5.5" Dia X 31" long, 100 micron, 90 GPM max.
Power Flush Valve: Brass, 2" Full port
Dead-Head Valve: Brass, 1.5" Full port
Hose Connections on cart: 1.5" CAM male quick-connect
Hoses: (2) 1.5" ID, Flexible PVC hose with rigid PVC helix with 1.5" CAM Female quick connect fittings (pump side) and 1" CAM fittings (loop side)
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 return piping; allows pressure measurement during dead-head and power flushing
Pump/Tank Connection: 2" flexible wire reinforced hose
Sight Tube: Flexible with o-ring; allows fluid level monitoring during dead-head

Physical Data

Cart Assembly: 23" Wide x 48" Tall x 24" Deep
 Hoses: 10' long

ITEM	WEIGHT (lbs)
Flush Hoses	5 (each)
Flush Cart Assembly	158
Total	168
Shipping Weight*	247

*Includes pallet and packaging materials required for shipping.