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To meet the divers conditions found in marina pump out installations, Edson offers three basic waste transfer stations, a .4 hp for heads to 16 ft., a .5 hp for heads to 28 ft. and a 1 hp for heads to 48 ft.. These three packages are built around quality Myers 2” solids handling submersible sewage pumps.

For higher flow rates and higher heads Edson offers special units that have stainless vortex type submersible pumps.

For the real heavy work there is a 2 hp grinder pump available.

Which one to used is based on an evaluation of the head conditions at the installation site and other considerations that would effect flow rates.

All the materials used are selected to insure long trouble free service in a marina environment.

Edson Waste Transfer Stations

PUMPS: Submersible Sewage Pumps ● Enclosed Impeller ● Handles Solids Up to 2” ● Automatic On/Off Float Switch

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<td>.4hp, 1phase, 120v</td>
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<td>.5hp, 1phase, 120v</td>
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Diaphragm Pump Out & Lift Station Installed On A Float

ORDER NO.: 283WT-99
MAXIMUM VOLUME: 165 GPM/654 LPM
STATIC HEAD: 28.3 ft/8.6 m
HEAD AT 23 GPM: 25 ft/7.5 m
PERFORMANCE: See Chart

1. Pump Hose Stand with Pump Out Hose and A Hydrant
2. Bronze Pump & Pump Enclosure
3. 283WT - 28 Lift Station

283WT - 28 Lift Station
Shown With Optional Alarm 230-A-

Tel: 508-995-9711 Fax: 508-995-5021
Date: 3/13/99

Diaphragm Pump Out & Lift Station Installed On A Float

Drawn By: PJB

146 Duchaine Blvd.
New Bedford, MA 02745
Tel: 508-995-9711 Fax: 508-995-5021

Diaphragm Pump Out & Lift Station Installed On A Float
SPECIFICATIONS:

Pump- Stainless Steel, 2" Solids Handling, Vortex Impeller, Submersible, Sewage Pump 1/2 HP 115/60/1. Delivery performance is 40 GPM at 25' of head with 2" ID pipe.

Basin- 30" X 36" Poly Basin with Fiberglass Cover

Basin Plumbing- 2" Piping for Discharge to Include
- 2" Check Valve
- 2" Union Ball Valve
- Gasket Seals for Inlet & Discharge
- Cable & Cover Gasket Seals

Controls- 3 Float Switches and High Level Alarm
- 1 N/C float switch turns pump on and off
- 1 N/C float switch turn on alarm if tank gets to full.
- 1 N/O float switch turns pump out pump off if tank gets to full
SPECIFICATIONS:

Pump - EBARA Stainless Steel, 2" Solids Handling, Vortex Impeller, Submersible, Sewage Pump, 1 HP 220/60/3 Phase or Single Phase (Specify When Ordering)
Performance: 50 GPM at 30' of Head

Basin - 36" X 60" Fiberglass Basin with Fiberglass Cover

Basin Plumbing- 2" Piping for Discharge to Include
2" Check Valve
2" Union Ball Valve
Gasket Seals for Inlet & Discharge
Cable & Cover Gasket Seals

Controls- 3 Float Switches, Control Cabinet With High Level Alarm
1 N/C float switch turns pump on and off
1 N/C float switch turn on alarm if tank gets to full.
1 N/O float switch turns pump out pump off if tank gets to full

Simplex Unit
Duplex Unit
SPECIFICATIONS:


Basin- 30" X 36" Fiberglass Basin with Fiberglass Cover & SS Bolts

Basin Plumbing- 1 1/4" Piping for Discharge to Include

- 1 1/4" Check Valve
- 1 1/4" Union Ball Valve
- 2" to 1 1/4" PVC Adapter
- Gasket Seals for Inlet & Discharge
- Cable & Cover Gasket Seals

Wall Mount Nema 4X Control Cabinet with 3 Float Switches and High Level Alarm

- 1 N/C float switch turns pump on and off
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Edson Waste Transfer Station

April 19, 1999 No Scale