

146 Duchaine Blvd., New Bedford, MA 02745-1292 Tel (508) 995-9711 Fax (508) 995-5021 E-Mail: pumps@edsonintl.com

# 286EP SERIES PERISTALTIC PUMP

**Features:**

- Up to 40GPM
- Handles up to 60% suspended solids
- Self Priming
- 65ft Head 27ft suction lift
- Easy Maintenance

**Applications:**

- Waste Slurry Transfers
- Grease Interceptors
- Oil, Water, Coolant Sump Draining
- Marine / Recreational Pump-Outs
- Pit Dewatering
- Your Application ?



286EP Pump

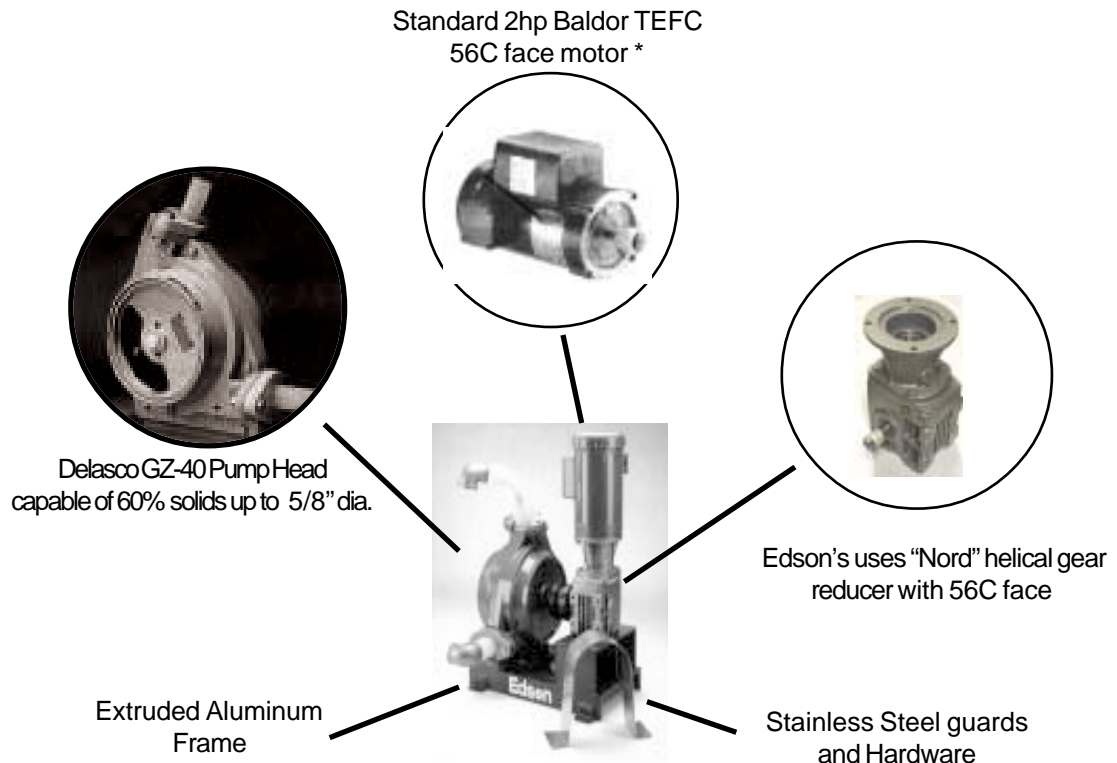


286EP-40



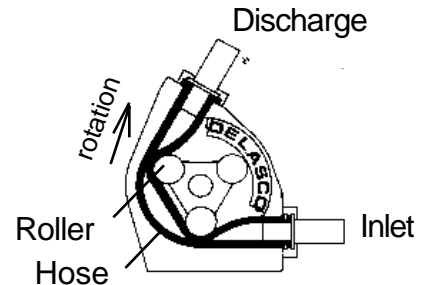
282EP-40

## General Construction:



## How It Works:

As the pump rotates, the rollers compress the hose. The roller travels along the hose moving the solution ahead to the discharge outlet. The hose expanding behind the roller creates a vacuum drawing more solution into the pump. Creating up 27ft of dry suction lift.



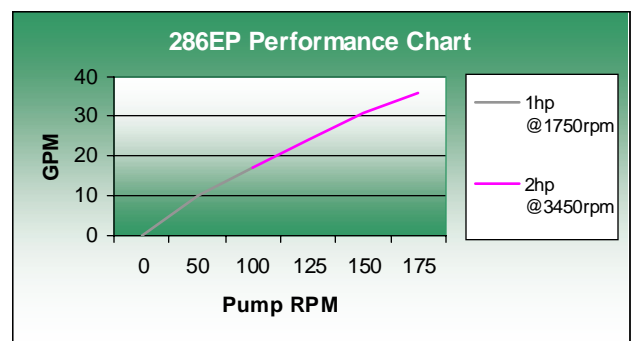
## Advantages:

The advantages of this design are no valves to clog, no solution contacting moving parts, run dry capability, and no seals to leak.

**Up to 65' discharge head 27' dry suction lift**

### Motor Options:

- 2 HP @3450rpm  
120/220V 1ph  
240/480V 3ph  
12V DC
- 1 hp @1750rpm  
120/220V 1ph  
240/480V 3ph  
12V DC



\*\*Other motor options are available including special electrical requirements and gasoline powered units.

# High Performance Pumping Station 286EP-40



**286EP-40**

Shown with optional bronze hydrant

The 286EP Peristaltic Pump is ideally suited for pumping slurries such as sewage and waste waters from marinas, recreational areas and collection sumps.

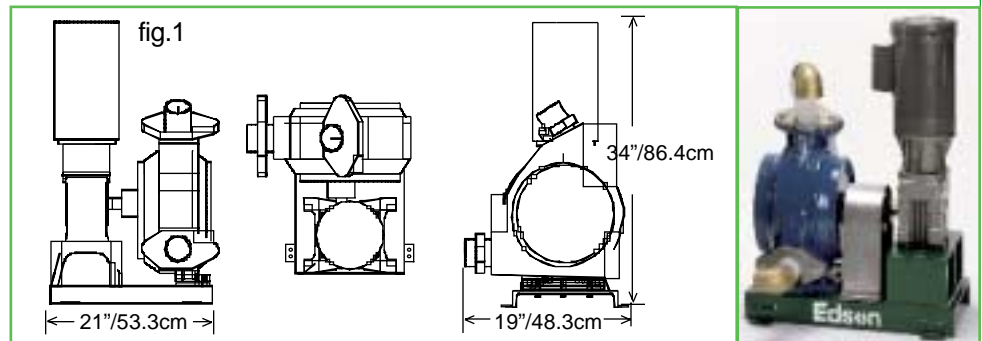
**286EP-40 Pump Out Station** includes:

- Peristaltic Pump
- Fiberglass Enclosure
- White powder coated hose stand
- Timer control panel with "auto off"
- 24Volt safety control circuit
- 25' x 1 1/2" dia. hose assembly which includes:
  - 90° ball valve
  - Set of (4) four deck / drain adapters
  - Sightglass check valve

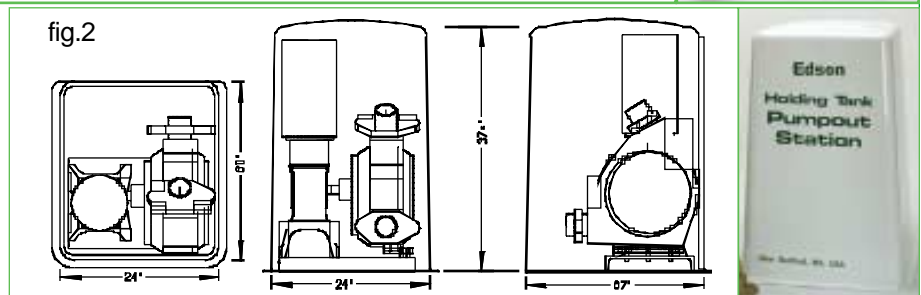
## Dimensions & Specifications:

### Pump Assembly:

2hp/1ph/110-220v/60hz/tefc motor and a 20 to 1 ratio gear reducer coupled to a 35 gpm peristaltic pump. All arranged on a painted aluminum frame with 4 mounting flanges.



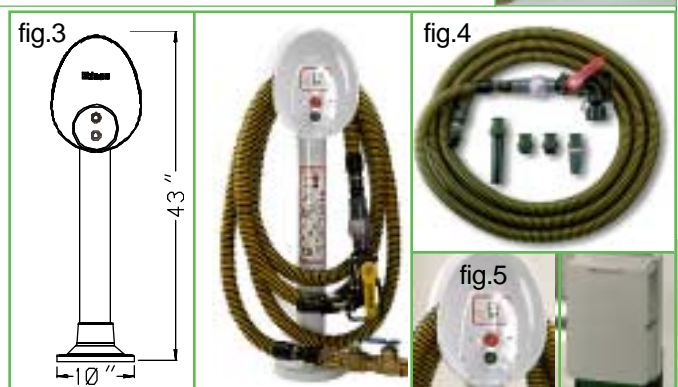
**Pump Cover:** White Fiberglass and Pump Out Sign. fig.2



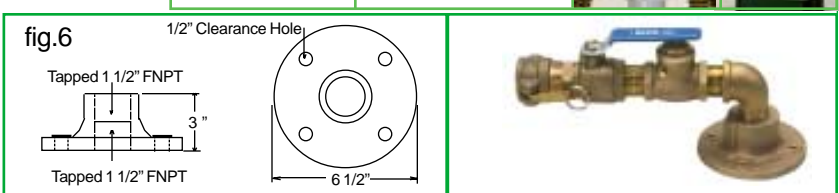
**Hose Stand:** White Powder Coated Aluminum with Start/Stop Buttons Installed, Operation Instructions Sign and (4) 1/2" X 7" Aluminum Hex Head Mounting Bolts. fig.3

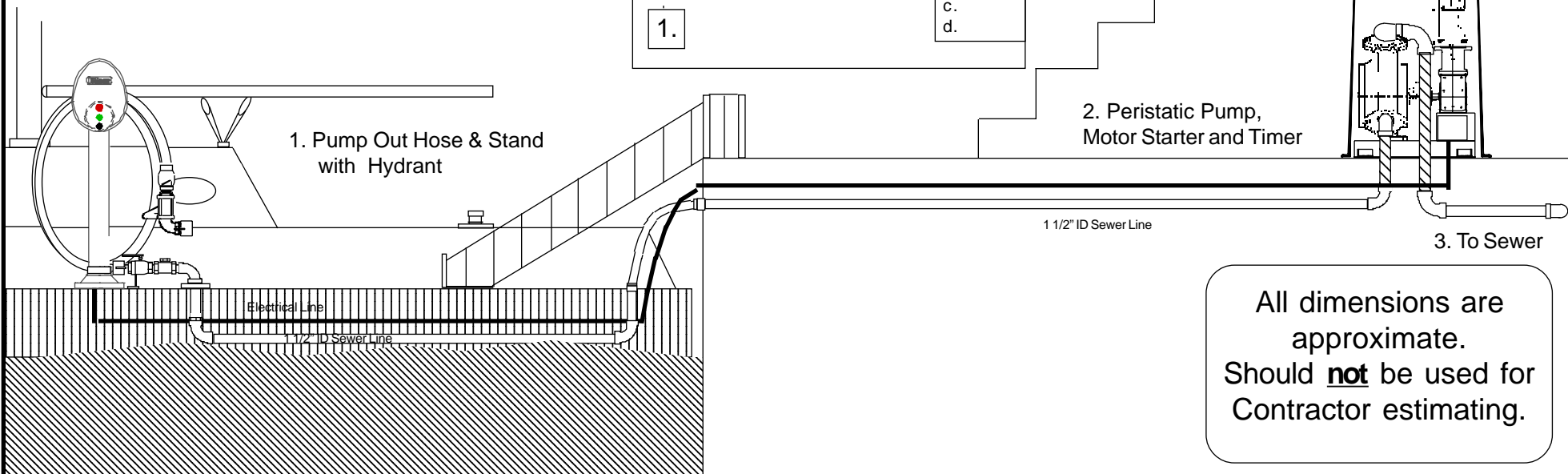
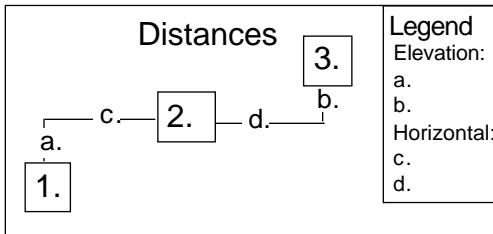
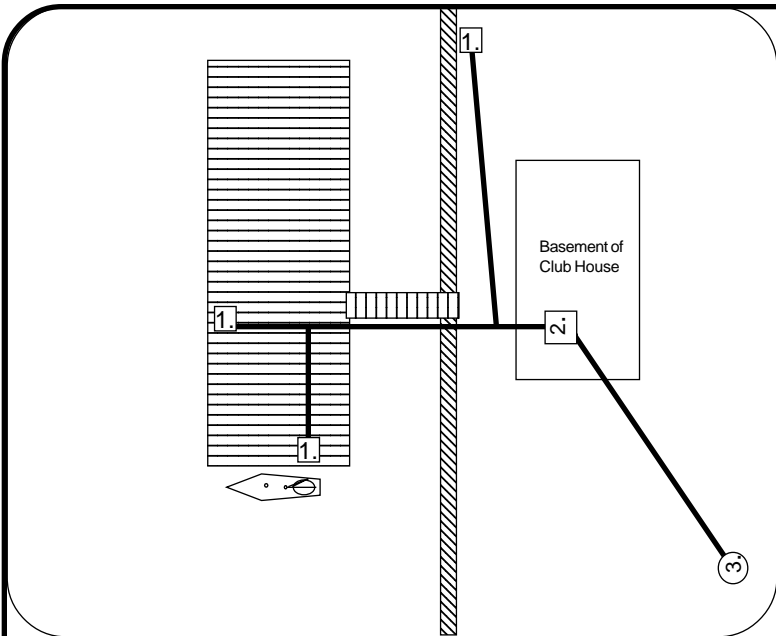
**Hose Assembly:** 25' X 1 1/2" Polyflex Hose, 90° Ball Valve, Sight Glass/Check Valve, Quick Clamp Adapter, Complete Set of Deck Adapters. fig.4

**Control Panel with Timer and 24 Volt Remote Stop/Start:** The Control Panel includes a 120/240 volt to 24 volt Transformer and a Timer to automatically shut off the pump after a selected time. The Red Stop Switch and the Green Start Switch installed in the Hose Stand operate on 24 volt for safety. Upon request they can be mounted in a separate nema-4 electrical box.



**Hydrant (Optional):** 1 1/2" Bronze Check Valve, Bronze Ball Valve and Quick Clamp Hose Adapter with Bronze Elbow and Close Nipple with Bronze Mounting Flange. fig.6 Order No. 270BR-150





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## 286EP-40 Pump Out