

Pump Division

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290-2210 SERIES VACUUM PUMPING EQUIPMENT

Features:

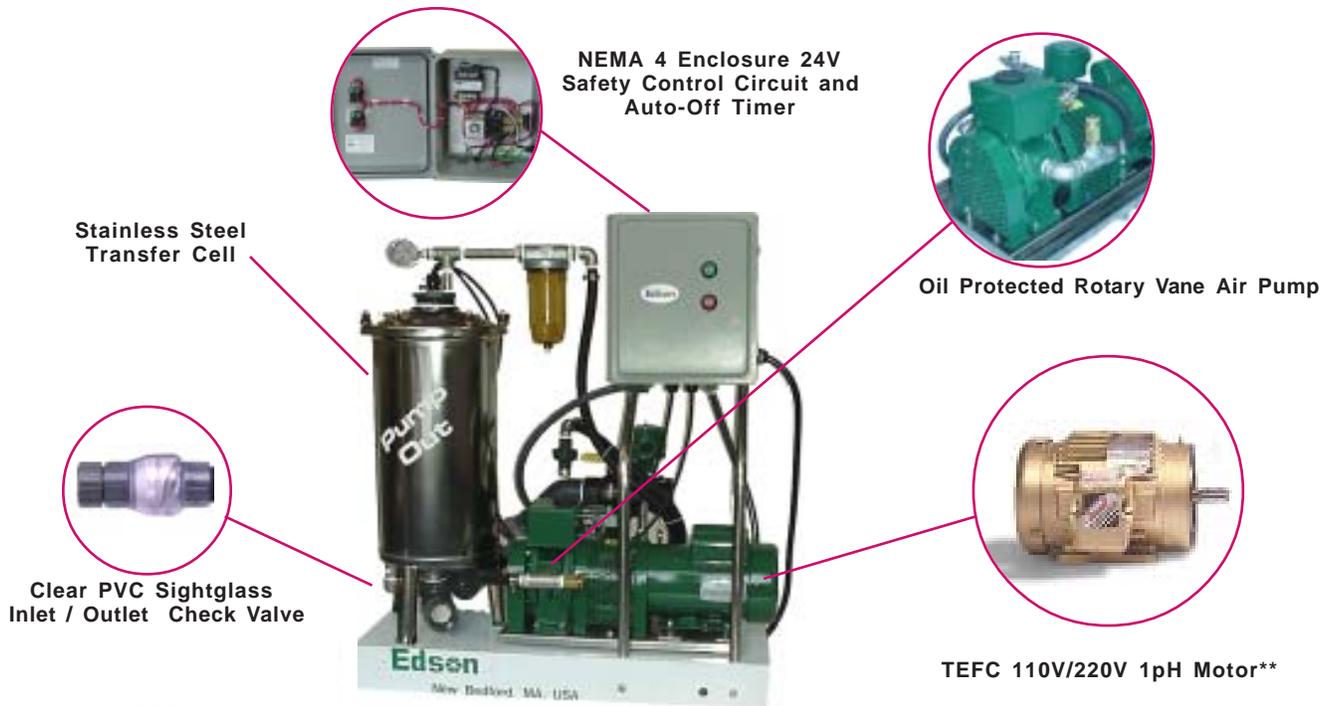
- Up to 40GPM
- Pump Up to 60% Suspended Solids
- Self Priming Suction Lift to 25ft
- 23ft Discharge Head
- Low Shear, Low Emulsive Pumping
- Easy Maintenance

Applications:

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

Edson
INTERNATIONAL


General Construction:



How It Works:

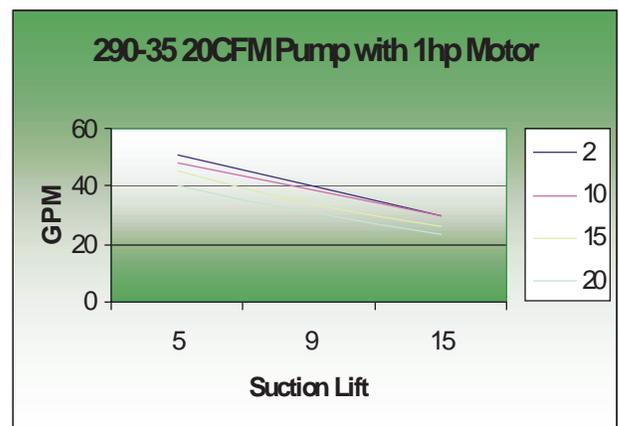
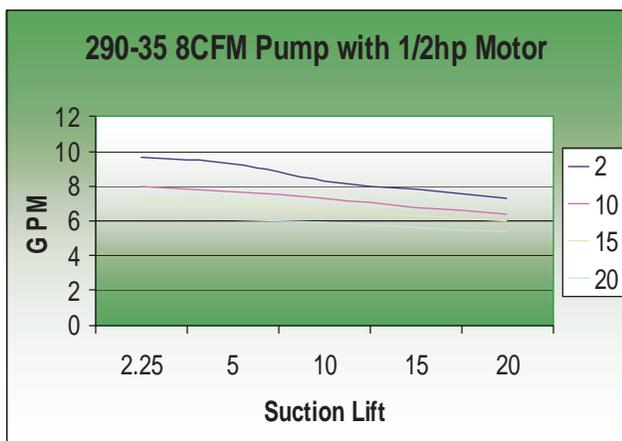
The rotary vane air pump creates a vacuum in the transfer cell. This vacuum will draw slurry into the stainless steel cell at up to 25ft. suction lift. When the tank is full it automatically pressurizes the cell discharging the slurry to drain at up to 23ft. discharge head. After the cell is discharged the cycle runs continually until manually shut off or the timed auto-off feature engages.

Advantages:

The advantages of this design are the slurry never touches the pump, quiet operation, run dry capabilities, large solids to 1 1/2" dia can be moved at considerable volumes, and one pump with several transfer sites.



Up to 25ft Suction Lift and 23ft Discharge Head



**Other motor options are available including special electrical requirements.

Vacuum Pump Out Station 290-10-1HP

The 290-2210 Vacuum Pump is ideally suited for pumping slurries such as sewage and waste waters from marinas, recreational areas and collection sumps.



290-10-1HP

Shown with optional bronze hydrant

290-10-1HP Pump Out Station includes:

- 290-10-2210 Pumping Unit
 - 20 cfm vacuum pump
 - 1 hp 120/230V/1ph/60hz drive
 - 10 gallon stainless transfer cell
 - fiberglass nema 4X control panel
- White powder coated hose stand
- Timer control panel with "auto off"
- 24Volt safety control circuit
- 25ft x 1 1/2" dia. hose assembly which includes:
 - 90° ball valve
 - set of (4) four deck / drain adapters
 - sightglass check valve

If Required, Order Hydrants Separately

Dimensional Information:



Check Valve Material Options: *Clear pvc check valve so you can see what is happening.*



Niytrile
Viton

Maintenance: *Its That Easy!!*

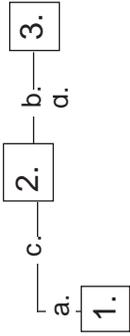
1. Inspect clear check valves for debris.



2. Check and maintain oil level .



Distances



Legend:
Elevation:
a. 23'
b. -2'
Horizontal:
c. 1000'
d. 200'

All dimensions are approximate.
Should **not** be used for Contractor estimating.

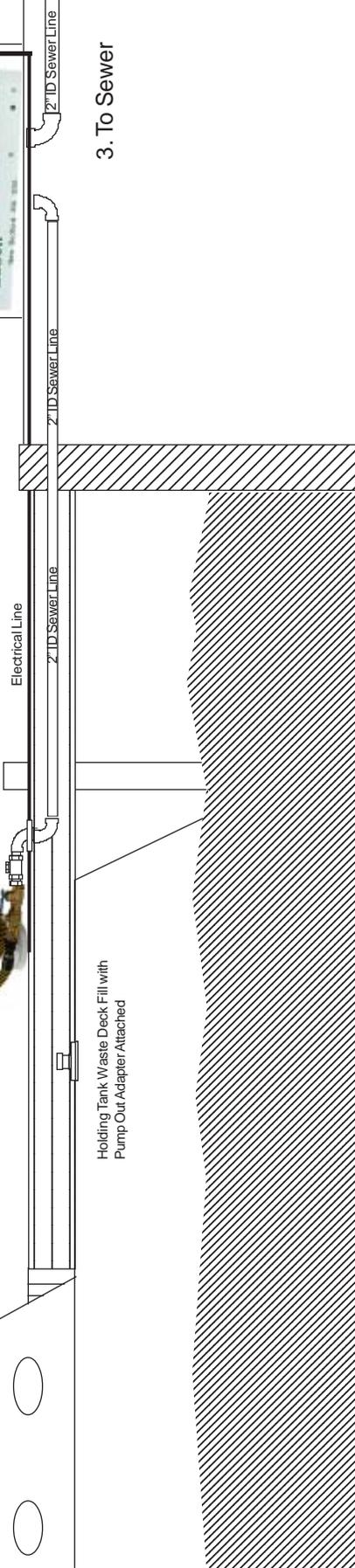


290-10-1HP
Shown With Optional Hydrant
270BR-150

2. Edson Vacuum Pump Unit



1. Pump Out Hose & Stand with Hydrant



Holding Tank Waste Deck Fill with Pump Out Adapter Attached

290-10-1HP Pump Out

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