



# 1 HP Compact Vacuum Pump Unit

## Innovative Vacuum Pumping System For Environmental Applications

This 1 HP model is designed around a powerful 20 CFM rotary vane air pump that can pump liquid at suction lifts to 25 ft. (22" hg) and discharge heads up to 23 ft. (10 psi). Pumping rates as high as 30 gpm and as low as 5 gpm are possible. The low emulsive, low shear transfer action make this systems ideal for the following

### Applications:

- Ground water remediation*
- Waste oil recovery*
- Containment transfers*
- Vapor extraction*
- Oil water separation*
- Sump clean up*
- Waste liquids collection*

### 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.

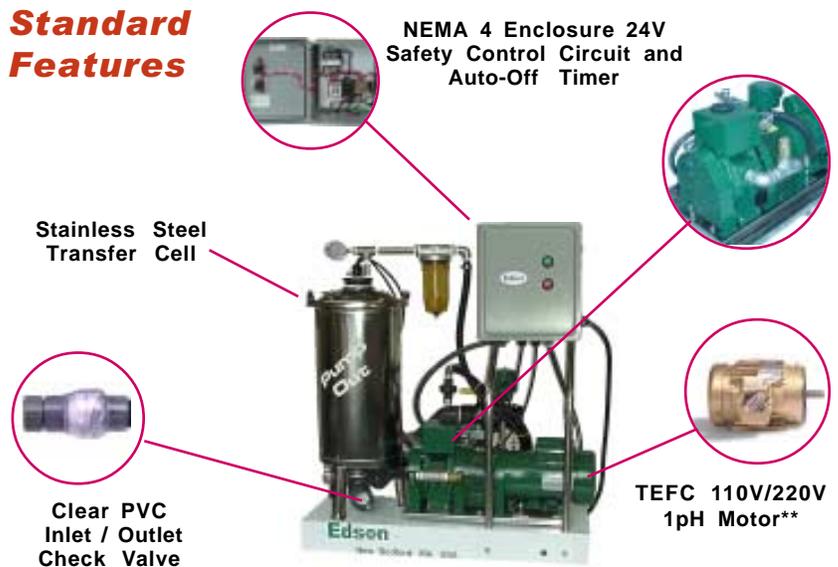


290-10-2210



290-10-2210P

### Standard Features



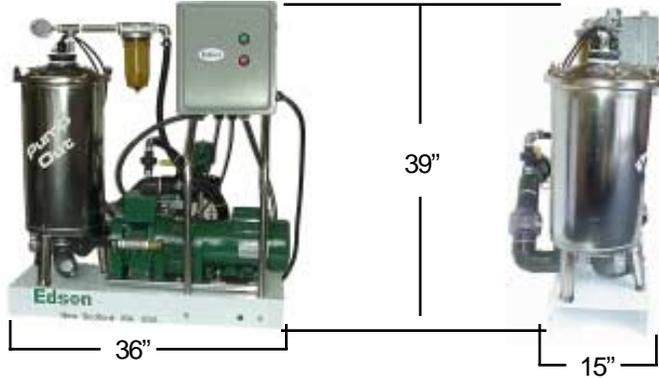
### Ordering Information

DESCRIPTION <i>See Price List For Other Models</i>	WEIGHT (Lbs / Kgs)	ORDER NO.
Compact Vacuum Pumping Unit	200 / 89.6	290-10-2210
Portable Compact Vacuum Pumping Unit	210 / 94.1	290-10-2210P



## Edson Compact Vacuum Pumping Unit 290-10-2210

- Pump Unit:** 290 10 2210. fig. 1  
 1hp/1ph/120v/60hz/tefc Motor  
 Model 03 Air Pump  
 Automatic Continuous Pumping Control Package  
 Nema 4X Control Panel  
 10 Gallon Stainless Steel Tank



### ***Pumping Performance***

- Discharge heads to 23 ft/7m
- Volume to 30 gpm/114LPM
- 100% duty cycle
- Low emulsion, low shear
- Up to 1.5" suspended solid

