



## MODEL 120E ELECTRIC POWERED DIAPHRAGM PUMP 2" - 40 GPM



120ELB-40-200



120EWA-40-200

All models are available in heavy duty bronze or lightweight aluminum.

- SAFE TO RUN WHEN DRY
- VOLUMES TO 38 GPM
- POWERFUL VACUUM LIFTS
- DRY START LIFT TO 12'
- PUMP UP TO 50% SOLIDS
- LOW EMULSIVE & SHEER ACTION
- NON-CLOGGING FLOW-THRU DESIGN
- EASY TO SET-UP, USE, CLEAN, AND MAINTAIN
- PERMANENT AND PORTABLE APPLICATIONS
- BUILT TOUGH FOR YEARS OF SERVICE
- LONG LIFE, REINFORCED PUMP DIAPHRAGMS
- ALL MATERIALS SPECIFIED FOR THE MARINE ENVIRONMENT

### Performance:

Static Suction Lift .....	15 ft./4.57m
Dry Suction Lift .....	12 ft./3.65m
Discharge Head .....	15 ft./4.57m
Continuous Duty Discharge Head .....	15 ft./4.57m
Max Volume .....	40 GPM/152 LPM*

\*at 60 cycles per minute

### Construction:

Pump Base .....	Choice of:
(Wetted Parts)	Anodized Aluminum (Standard)
	Marine Bronze (Standard)
	Urethane Powder Coating (Optional)
	PTFE Coating (Optional)
Diaphragms & Valves .....	Choice of:
	Nitrile (Standard)
	Viton® (Optional)
	Hypalon® (Optional)
Mounting Frame .....	Powder Coated Aluminum
Hardware Material .....	Stainless Steel

### Drives:

Electric Powered .....3/4hp/115/230V/1ph/tefc motor (Standard)  
 or an optional 3/4 hp motor available in most  
 all voltages, 1phase or 3phase, 60hz or 50hz.  
 Also available explosion proof and 12 volt dc.

### APPLICATIONS

Edson Electric Powered Diaphragm Pumps are the most popular of all Edson Pumps due to their size, capacity, versatility and the economy of electric drives. They are used for the collection and transfer of waste liquids and pumping liquids with suspended solids. They are capable of handling liquids with large suspended solids without clogging, to prime from dry starts, and to run dry. They have the added feature of low emulsive, non-sheering pumping action. These basic performance features & Edson's 14 year history of manufacturing quality products have made our pumps the choice for cleaning up our environment and controlling the disposal of liquid waste. These pumps can be applied to a very broad range of applications including the requirements for ground water remediation, containment transfers, dewatering, oil & water separations, marina & campground sewage collection, tank, sump and drum transfers, filtration applications, and the collection & transfer of abrasives & slurries.

### INDUSTRIAL

Sump Pump-Outs  
 Slurry Transfer  
 Abrasive Pumping  
 Filtration Pumping  
 Drum Transfer  
 Groundwater Containment  
 Spill Cleanup  
 Drain Dewatering

### MARINE

Pump-Out Stations  
 On-Board Waste  
 Bilge Pumps  
 Light Dredging  
 Emergency Dewatering  
 Boatyard Utility Pump  
 Oil Spill Cleanup

### ENVIRONMENTAL

Groundwater Remediation  
 Tank Pump-Outs  
 Grease & Oil Collections  
 Skimming Pumping  
 Asbestos Clean-Ups  
 Oil-Water Separation  
 Oil Spill Clean-Up

### MUNICIPAL & UTILITY

Sewage Collection & Transfer  
 Waste Water Skimming  
 Drain Clean-Out  
 Utility Trunk Pump  
 Fly Ash Clean-Ups  
 Containment Transfer  
 Meter Pit Dewatering Manhole  
 Dewatering