



MANUAL DIAPHRAGM PUMPS

30 GPM 1 GALLON PER STROKE

Lever Action•Side Inlet
117AL-200
117BR-200



Lever Action•Bottom Inlet
638BR-200
638AL-200



Offset•Bottom Inlet
554BR-200
554AL-200



Offset•Side Inlet
557BR-200
557AL-200



- ONE GALLON PER STROKE
- VOLUMES TO 30 GPM
- ANODIZED ALUMINUM & MARINE GRADE BRONZE MODELS
- DRY START VACUUM LIFT TO 12'
- PUMP UP TO 50% SOLIDS
- SIDE & BOTTOM INLET MODELS
- NON-CLOGGING FLOW-THRU DESIGN
- EASY TO SET-UP, USE, CLEAN, AND MAINTAIN
- BUILT TOUGH FOR YEARS OF SERVICE
- LONG LIFE, REINFORCED PUMP DIAPHRAGMS

Performance:

Static Suction Lift	15 ft. / 4.57 m
Dry Suction Lift	12 ft / 3.65 m
Discharge Head	15 ft. / 4.57 m
Max Volume	30 GPM / 114 LPM*

*at 30 cycles per minute

Construction:

Pump	Choice of:
(Wetted Parts)	Anodized Aluminum
	Marine Bronze
	Urethane Powder Coating
	TPFE Coating (Halar)
Diaphragms and Valves	Choice of:
	Nitrile
	Viton
	Hypalon
Hardware Material	Stainless Steel

GENERAL DESCRIPTION

Edson Bone Dry Lever Action Side Inlet Pumps, Model 117 are for horizontal mounting and portable applications. The pumps use a 32" handle to drive the diaphragm with an easy back and forth lever-action motion. When mounted to a **Model 116 Carrying Board** you have a manual pump that can be used anywhere.

Edson Bone Dry Offset Drive Bottom Inlet Pumps, Model 554 are identical to the Model 638 with the added feature of the offset drive for when vertical clearance is limited.

Edson Bone Dry Offset Drive Side Inlet Pumps, Model 557 are identical to the Model 117 pumps with the added feature of the offset drive. This feature is useful when mounting the pump in an enclosure or behind a wall. It is also helpful when overhead clearance is limited

Edson Bone Dry Lever Action Bottom Inlet Pumps, Model 638 are ideal for installations where the pump must be directly above the liquid to be transferred, such as on the top of a barrel, tank or floor openings. Material enters through the bottom of the pump and discharges to the side.

For pumps with different chemical resistant properties Edson offers optional diaphragms and valves made of Viton and Hypalon and special Halar and polyurethane coatings for the metal surfaces. Call Edson customer service for more details.

ORDERING INFORMATION

PUMP DESCRIPTION	WEIGHT (Lbs / Kgs)	ORDER NO.
Lever Action, Side Inlet Aluminum 2"	14 / 6.3	117AL - 200
Lever Action, Side Inlet Bronze 2"	36 / 16.3	117BR - 200
Off-Set, Bottom Inlet Aluminum 2"	18 / 8.2	554AL - 200
Off-Set, Bottom Inlet Bronze 2"	39 / 17.8	554BR - 200
Off-Set, Side Inlet Aluminum 2"	18 / 8.2	557AL - 200
Off-Set, Side Inlet Bronze 2"	42 / 19	557BR - 200
Lever Action, Bottom Inlet Aluminum 2"	14 / 6.3	638AL - 200
Lever Action, Bottom Inlet Bronze 2"	33 / 15.1	638BR - 200

The option order # is added to the basic pump order #, i.e. 638BR-200

OPTIONS

DESCRIPTION	ORDER NO.
Viton Diaphragm & Valves	230-1130V
Hypalon Diaphragm & Valves	230-1130H
Polyurethane Coating	230-PC
Halar Coating	230-H

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APPLICATIONS

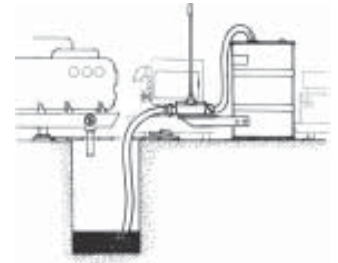
Edson Manual Diaphragm Pumps are the most versatile of all manual utility pumps due to their size and capacity. They are used for the collection and transfer of waste liquids and pumping liquids with suspended solids. They are capable of handling liquids with large suspended solids without clogging, to prime from dry starts, and to run dry. These basic performance features combined with The One Gallon Per Stroke performance make them applicable to a very diverse list of applications.

MARINE



- Bilge Pumps
- Emergency Dewatering
- Boatyard Utility Pump
- Oil Spill Cleanup
- Pump-Out Holding Tanks

INDUSTRIAL



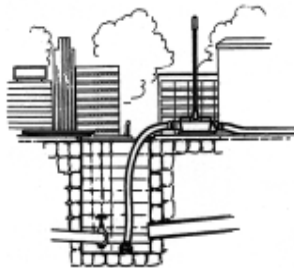
- Sump Pump-Outs
- Slurry Transfer
- Abrasive Pumping
- Groundwater Removal
- Spill Cleanup

ENVIRONMENTAL



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

MUNICIPAL & UTILITY



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



DIMENSIONS

