



SCREWSUCKER™

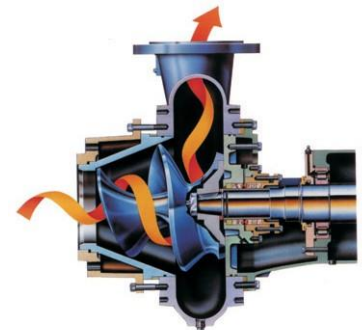
PUMPING BY APSCO

Model 180H, Dry Running, Self-Priming, Solids Handling Diesel Engine Pump System



System Features

- Large Pumping Capacity
- Low Engine Power-Rating.
- Continuous Run Time under Idle Conditions.
- Dry-Priming down to 28 feet.
- Quick Pumpset Priming
- Large Suction Height Capacity.
- The Vacuum System is capable of handling up to 59 cfm
- Electronically controlled vacuum system.
- Unscreened raw sewage water handling.
- Viscous liquids handling.
- Clog-resistant Impeller and Liner
- Impeller has large free passage of 3".
- Externally adjustable Wear Liner.
- Electronic Control Panel
- Automatic Start/Stop System (Level Switching).
- Tandem oil bathed mechanical shaft seals (sic/sic and carbon/ceramic).
- Locking Galvanized-Steel Sheet Canopy Doors
- Double-Contained Bottom w/Oil/Water Separator



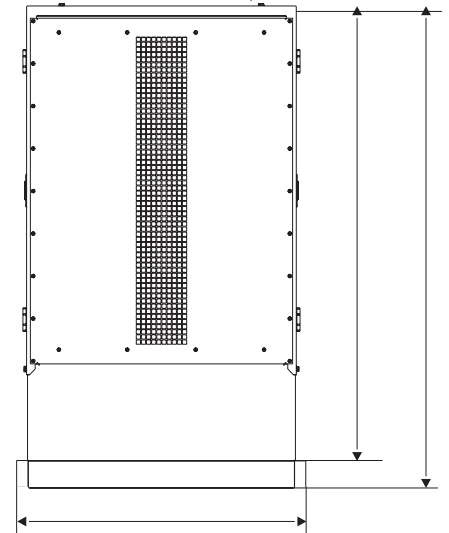
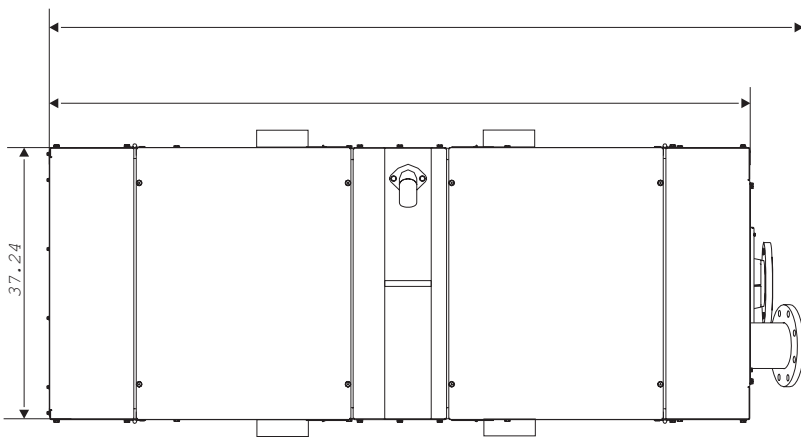
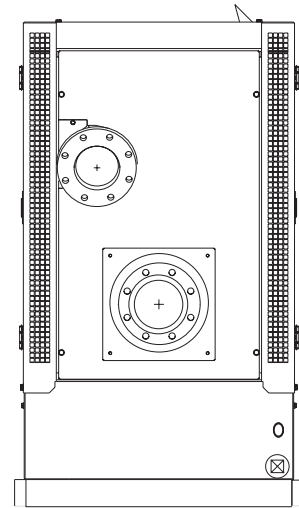
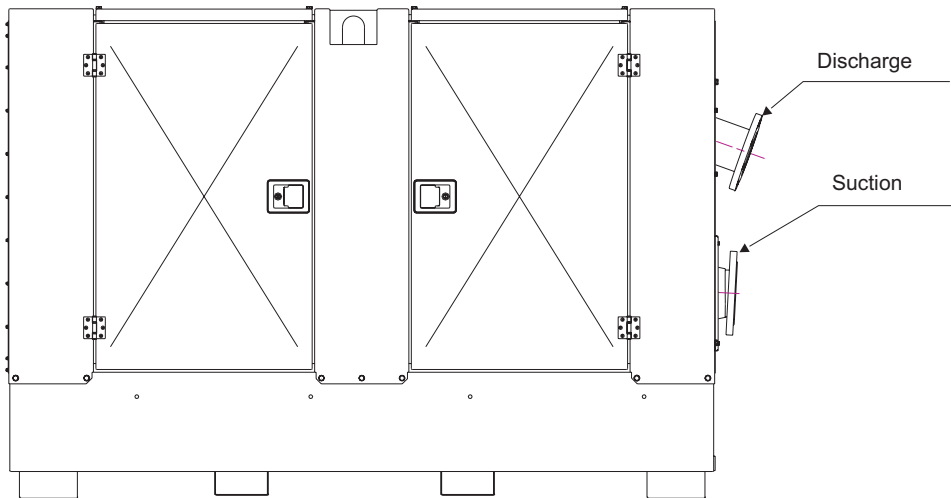
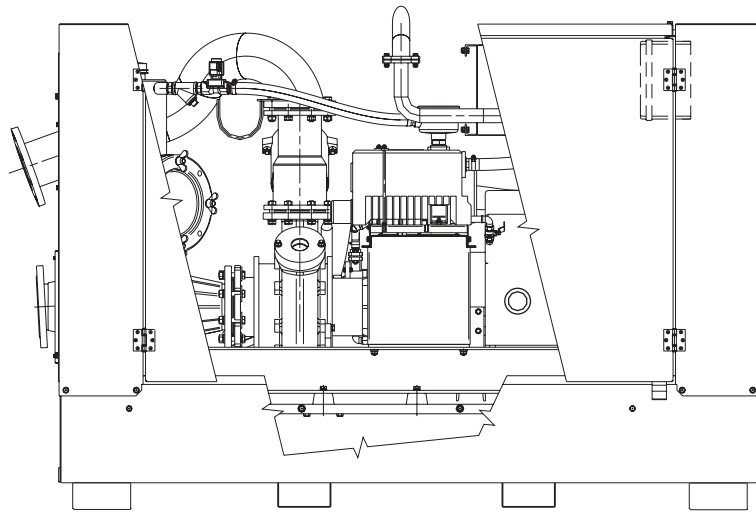
Applications:

- Sewage Bypass.
- Construction-Site Dewatering
- Well-Point and Sock Dewatering
- Bentonite/Slurry and Sludge Pumping.
- Emergency Pump Station.
- Surface Water Diversion
- Digester Pumping

Technical Specifications:

Discharge and suction connections.....	Flange – 8" PN10 DN200, PN10 DN150
Capacity (maximum at 1850 RPM).....	2060GPM.
Head (maximum at 1850 RPM).....	194 Feet.
Pump type and manufacture.....	F04K-H01 or F04K-H03R / Hidrostral Centrifugal Screw.
Engine type and make.....	JCB IPU TCAE-55, Tier 4 Interim
Engine power rating.....	65HP at 1500 RPM. Max 64HP at 1850rpm
Engine starting system.....	12 Volt, manual/ automatic level switching and engine protection system.
Diesel Fuel-Tank Capacity.....	185 gallons sufficient for 108 hours continuous running at max load.
Acoustic canopy.....	Noise emissions reduced to 66 dB(A) at 23 Feet distance.
Weight.....	Approximately 5512lbs





APSCO
Pumping Services

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