



# Electric Motor Driven Tankleenor Models Unit 608 and Unit 608-A Pump Size 2" x 2"

**PUMP SPECIFICATIONS**

**Type:** 0 Series, Self-Priming Centrifugal.

**Size:** 2" x 2" (52 mm x 52 mm) with 1-1/2" (38 mm) Quick Disconnects.

**Pump Casing:** Gray Iron 30.

Maximum Operating Pressure 38 psi (262 kPa). \*

**Enclosed Type Impeller:** (Unit 608, Six Vane) or (Unit 608-A, Four Vane) Copper Alloy C83600.

Handles 3/8" (9,5 mm) Diameter Spherical Solids.

**Impeller Shaft:** Stainless Steel 416 (Provided with Motor).

**Replaceable Vane Plate:** Gray Iron 30.

**Intermediate:** Gray Iron 30.

**Gasket:** Composition Cork w/Nitrile Binder.

**O-Ring:** Fluorocarbon (DuPont Viton® or Equivalent).

**Hardware:** Standard Plated Steel.

*\*Consult Factory for Applications Exceeding Maximum Pressure and/or Temperature Indicated.*

**SYSTEM SPECIFICATIONS**

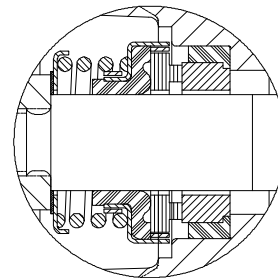
Eductor, Contamination Sight Gauge, Diverter Valve, Reel w/42' Long (12,8 m) Nitrile Cleanout Hose Assembly\*\*, Stainless Steel 304 Standpipe (Guide Tube) Assembly, Motor Power Cable w/Explosion-Proof On-Off Switch, Ground Wire, Two 1-1/2" x 15' Long (38 mm x 4,6 m) Suction/Discharge Recirculation Hoses w/Quick Disconnect Fittings.

**MOTOR SPECIFICATIONS**

| Model      | Type | Description                                                                                                                               | Hertz | Frame Size | Service Factor | Power  | RPM  | Voltage |
|------------|------|-------------------------------------------------------------------------------------------------------------------------------------------|-------|------------|----------------|--------|------|---------|
| Unit 608   | x    | Single Phase. Totally Enclosed, Fan Cooled, Explosion Proof. Thermal Overload Protection. Sealed Bearings. Capacitor Start/Induction Run. | 60    | 56         | 1.0            | 1 H.P. | 3450 | 115     |
| Unit 608-A | x    | Single Phase. Totally Enclosed, Fan Cooled, Explosion Proof. Thermal Overload Protection. Sealed Bearings. Capacitor Start/Capacitor Run. | 50    |            |                | 1.1 kW | 2900 | 220     |

**SEAL SPECIFICATIONS**

Type 21, Mechanical, Self-Lubricated. Carbon Rotating Face. Ni-Resist Stationary Face. Fluorocarbon Elastomers (DuPont Viton® or Equivalent). Stainless Steel 18-8 Cage and Spring. Maximum Temperature of Liquid Pumped, 160°F (71°C). \*



\*\* "Ambassador Hardwall 559N" hose manufactured by Goodyear Tire and Rubber Company. Compatible with most hydrocarbon products. Consult the Goodyear Tire and Rubber Company or [www.goodyear.com](http://www.goodyear.com) for specific product compatibility.



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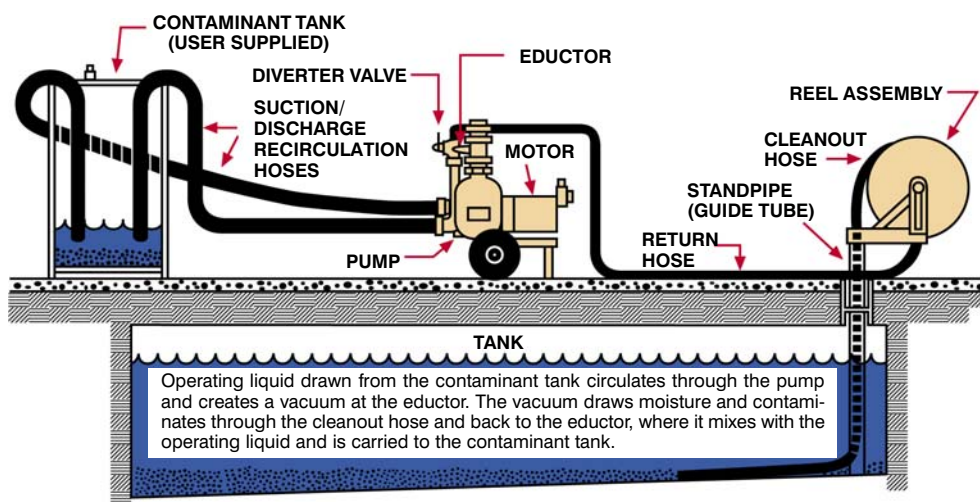
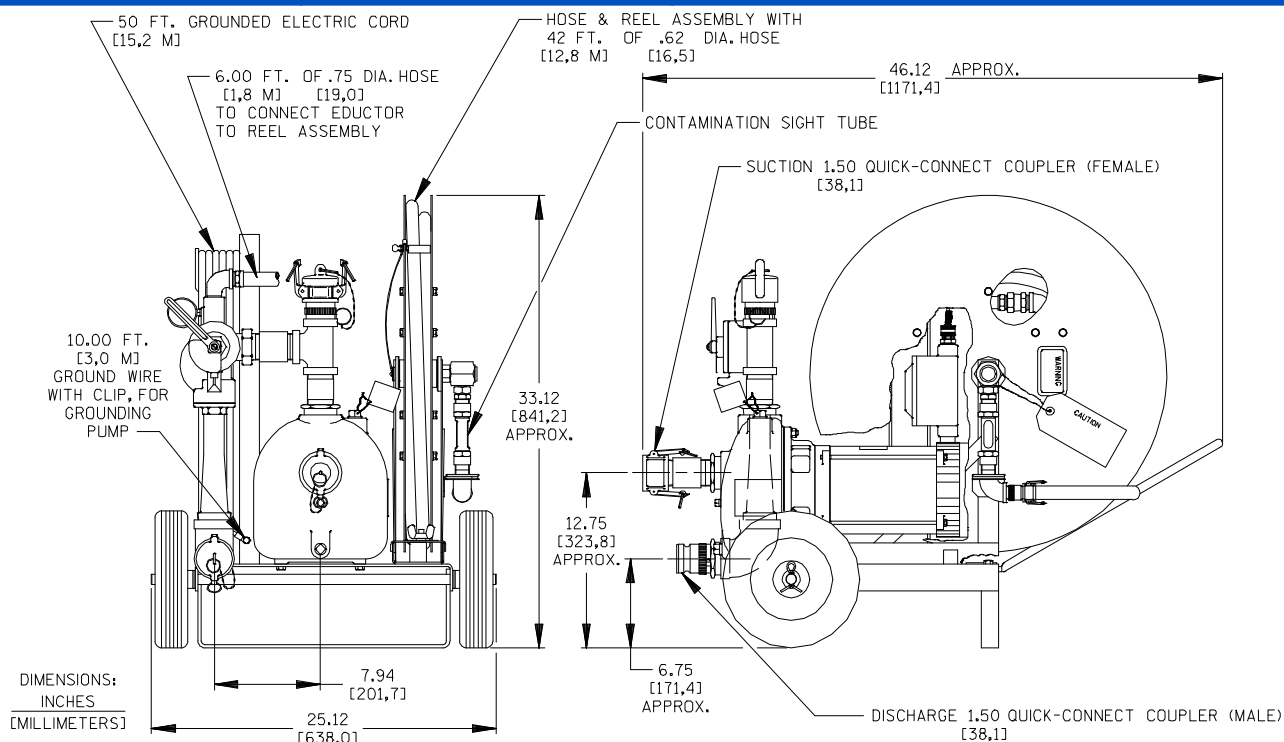
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## Specification Data

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APPROXIMATE  
DIMENSIONS and WEIGHTS

**NET WEIGHT:** 290 LBS. (131,5 KG.)  
**SHIPPING WEIGHT:** 330 LBS. (149,7 KG.)  
**EXPORT CRATE:** 35.1 CU. FT. (1,0 CU. M.)



### OPERATING CONDITIONS

| UNIT 608  |      |                  |       | UNIT 608-A |     |              |      |
|-----------|------|------------------|-------|------------|-----|--------------|------|
| LIFT (FT) | GPM  | VACUUM (IN./HG.) | AMPS  | LIFT (M)   | LPH | VACUUM (BAR) | AMPS |
| 5         | 3.25 | 15               | 10.25 | 1.5        | 738 | 0.47         | 5.5  |
| 10        | 2.70 | 16               | 10.25 | 3.0        | 606 | 0.54         | 5.5  |
| 15        | 1.84 | 16               | 10.25 | 4.6        | 441 | 0.54         | 5.5  |
| 20        | 0.60 | 18               | 10.25 | 6.1        | 163 | 0.61         | 5.5  |



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