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Technology Solutions for the Green Industry

# GTPump Assemblies

#### FEATURES & BENEFITS

- SiteOne Green Tech Service Team
- Dynamic factory tested prior to shipment
- ULlisted
- Field adjustable pump performance
- VFD pressure regulation with surge-free soft starting
- Lightening surge protection
- Engineered forced air cooled, marine grade aluminum enclosure
- Carbon Steel, Galvanized, Stainless or Copper Piping
- Flow system bypass
- 2 year limited warranty

#### **OPTIONS**

#### **Remote Monitoring:**

Monitor alarms and conditions over the internet or via GSM modem

#### Alarm Beacon:

Light outside of enclosure to indicate general fault

#### Z Pipina:

Suction & discharge drop pipes

#### **UL Listed:**

Complete system

#### Flow Sensor or Switch:

Logic to back-up pump stop signal

#### Heat Tracing on Pipe and **Enclosure Insulation:**

Protects against freezing of pipes

#### **Sound Attenuation:**

Internal sound dampening insulation

#### **Enclosure Materials:** Stainless

steel, powder coated marine grade aluminum or steel enclosure

#### **Enclosure Color:**

Green, sandstone, custom

#### **Pump Staring:**

24 volt relay, flow, pressure

#### **Suction Lift Intake:**

Floating intake suction pipe assembly with foot valve



## Remote Pump Monitoring (RPM):

Monitoring of general alarms and conditions as required over internet via cell phone.





# **Specifications**

#### Electrical Power

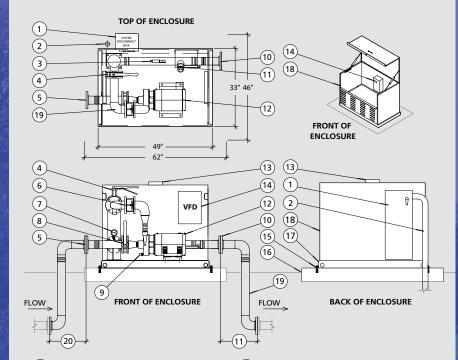
- 120 volt, single phase
- 208 volt, single phase and 3 phase
- 240 volt, single phase and 3 phase
- 480 volt, 3 phase

#### Controls

- Variable frequency drive (VFD)
- Viewable fault diagnostics
- Integrated fault history with date stamp
- Programmable pressure setting
- Multi-parameter VFD tuning
- NEMA 12 enclosure
- Circuit breaker disconnect
- Filtered fan ventilation
- Pressure transducer 0-145psi range
- Electronic flow sensor or switch

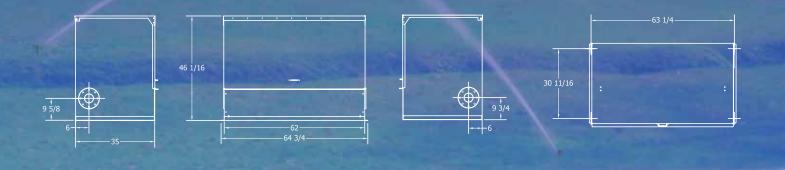
### **Plumbing**

- Butterfly valves, ball valves, or gate valves
- Carbon Steel, Galvanized, Stainless or Copper piping available
- Glycerin filled pressure gauges



- 1 ELECTRICAL POWER DISCONNECT BOX
- 2 ELECTRICAL CONDUIT PENETRATION
- 3 PRESSURE TRANSDUCER WITH GAUGE
- (4) PUMP DISCHARGE ISOLATION VALVE
- 5 FLANGE INLET CONNECTION
- 6 CHECK VALVE
- 7) PSI/VAC GAUGE LIQUID FILLED
- 8 PUMP INTAKE ISOLATION VALVE
- 9 TEMPERATURE SENSOR
- (10) FLANGE OUTLET CONNECTION

- (11) FLOW SENSOR
- (12) PUMP AND MOTOR
- (13) STATION FAN HOOD MOUNTED
- (14) VARIABLE FREQUENCY DRIVE
- (15) CONCRETE ANCHOR BOLTS (x4) LOCATIONS
- (16) 6" THICK CONCRETE PAD WITH WIRE MESH
- (17) STAINLESS STEEL BASE (UNPAINTED)
- (18) MARINE GRADE ALUMINUM ENCLOSURE
- 19) PIPING BAKED AND CURED POLYURETHANE
- 20) FLANGE DISCHARGE DROP PIPE (Z-PIPE)





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800-427-0779

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