

Technical Data Sheet

GF1250PWc

Technology Description- Floating, grid powered, circulation equipment for potable water reservoirs. Day/night operation.

Materials of Construction - T316 stainless steel constructions. Foam-filled high-density polyethylene (HDPE) floats. Thermoplastic rubber intake hose. HDPE Strainer.

The GF1250PWc is NSF/ANSI Standard 61 Listed, includes NSF/ANSI 61, Annex G.



Minimum Access Opening / Machine Size / Weight -

Machine can be installed through 24 inch (61 cm) diameter opening. Assembled machine is 10 feet (3.0 meter) in diameter in floating position and weighs 200 pounds (90 kg).

Drive System - High torque, direct drive (no gearbox), axial airgap Lorentz force brushless D.C. motor.

Minimum Operating Depth - At depths below 2 feet (0.6 meters), the impeller will be out of the water and the machine will stop circulating water. No damage to machine if ran dry in shallow water.

Minimum Head Space - 18 inch (0.5meter) headspace is required.

Flotation System - Three floats in triangular pattern each with an adjustable float arm, total float buoyancy of 600 lbs (270 kg).

Power Supply/Control System - Requires 120 VAC power source (15 Amp Service Adequate), nominal power consumption is 15 Watts. Power converter 120 VAC input, 45 VDC output.

Wiring: Corrosion-resistant industrial cord with molded watertight connectors that are indexed to prevent improper wiring. Low voltage in reservoir, less than 45 VDC.

Rotating Assembly - Removable assembly with easy access to impeller and impeller shaft.

Fluid Intake Assembly - Intake hose banded to bottom of structural assembly.

Intake Hose : 20 to 60 feet (6 to 18 m) available in 8-inch (20 cm) diameter X 20 feet (6 m) sections.

Intake Assembly at Bottom of Hose: Rectangular intake with openings around perimeter.

Intake Depth Adjustment: No depth adjustment is necessary for fluctuations in water level. Intake draws water in a horizontal layer within 1 inch (2.5 cm) of the tank or reservoir floor.

Chlorine Boosting - Chlorine boost hose, accessible at top of reservoir spans down and connects to intake for fast chlorine dispersion during in-reservoir boosting.

Accessories Available - (1) Portable Chlorine Boost System, (2) LED RPM Indicator

Shipping Size / Weight

• **Crate** - 4 feet W X 6 feet L X 5 feet H (1.2 m x 1.8 m x 1.5 m) / 500 pounds (225 kg) Exact weight and dimensions varies dependent on machine configuration.

Maintenance / Warranty - Minimal maintenance. Limited 2-year parts and labor warranty.

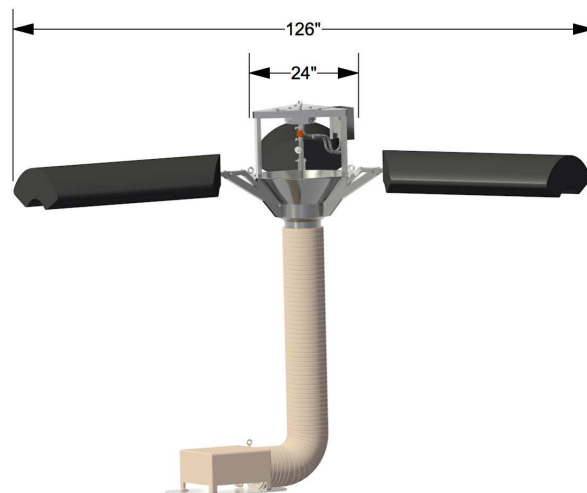


Figure 1: GF1250PWc