


**GF10000PW FEATURES**

Technology Description:	Floating, AC powered, circulation equipment for potable water tanks and reservoirs. Continuous operation on single-phase AC power.
Machine Size/Weight:	Assembled machine is 16 feet (5m) in diameter and weighs 850 pounds (380kg). Shipping crate is 87" (2.2m) wide X 87" (2.2m) long X 65" (1.7m) high, approximately 1500 pounds (680 kg). Machine can be installed through a 3 feet by 3 feet (92cm x 92cm) opening.
Materials of Construction NSF/ANSI Standard 61:	 316 stainless steel construction. Foam-filled high-density polyethylene (HDPE) floats. Thermoplastic rubber intake hose. <b>The wetted materials of construction of the GF10000PW Core Unit is NSF/ANSI Standard 61 Certified.</b>
Drive System:	High torque, direct drive (no gearbox), low voltage brushless D.C. motor.
Power System:	<i>Requires single-phase 120VAC / 60 Hz / 15 Amp Service, Not supplied by Medora Corp.</i>
Wiring/Controls	Corrosion-resistant industrial cord with molded watertight indexed connectors. Low voltage in reservoir. Includes power box which converts single-phase AC voltage to low voltage DC power. [Electrical power source cable, switches, breakers, emergency stop buttons, or other controls required to be installed in accordance to all NEC, State, and local regulations, <i>Not supplied by Medora Corp.</i> ]
Rotating Assembly:	Removable assembly with easy access to motor and power box. Impeller handles 4-inch (10 cm) spherical solids. Oil-filled (food grade) teflon freeze sleeve with o-rings, shaft. Rotational indicator on shaft.
Flotation System:	Three floats in triangular pattern each with an adjustable float arm for proper vertical positioning, total float buoyancy of 1,200 pounds (550kg).
Fluid Intake Assembly:	<i>Hose system bolted to bottom of structural assembly.</i>
Hose System	10 to 40 feet (3 to 30 m) available in 36-inch diameter (92cm) X 10, 15, or 20 feet (3m, 4.5m, or 6m) sections.
Intake Type	Horizontal plate with 12-inch (31 cm) openings.
Intake Assembly at Bottom of Hose	Fixed horizontal plate with 12-inch (31 cm) openings.
Intake Depth Adjustment	<i>Self-adjusting for all depths up to 40 feet (12.2m). Field adjustment with three SS chains connected to hose flange(s).</i>
Chlorine Boosting:	Chlorine boost hose, accessible at top of reservoir spans down and connects to intake for fast chlorine dispersion during in-reservoir boosting.
Minimum Operating Depth:	At depths below 5 feet (1.5m), 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.
Accessories Available:	(1) Portable Chlorine Boost System,
Life/Maintenance/Warranty:	Expect 25-year life, minimal maintenance. Limited 2-year parts and labor warranty. 10 year motor warranty.