

GridBee Specifications

Technology Description:	<p>Submersible, grid powered circulator, for freshwater applications. Low voltage power in water.</p> <p>Model GBS provided with completely submersible flotation, no visible components at water surface.</p> <p>Model GBF provided with float ball, visible at water surface.</p>
Flow Rate:	400 gallons per minute (1500 liters per minute)
Assembled Machine Size/ Weight:	30 inches (75 cm) in diameter and weighs 150 pounds (70 kg).
Shipping Information:	<p>Box 1: 36 in X 36 in X 30 in X 150 lb (90cm X 90cm X 80cm X 70 kg).</p> <p>Box 2: 18 in X 14 in X 12 in X 30 lb (45cm X 35cm X 25 cm X 14 kg).</p>
Materials of Construction:	Machine is constructed of corrosion resistant stainless steel and high-density polyethylene (HDPE).
Drive System:	Low voltage submersible AC motor, expected life of 30000+ hours.
Power Required:	120 VAC, 5 amp power required near reservoir. The GridBee control box converts this to low voltage going into the water.
Control Box	Converts 120 VAC / 60 HZ to 48 volt power going out to the motor through submersible electrical cable. Control Box meets UL Listing 508A. Standard low voltage cable length is 150 feet (45 m), additional length is available. Control box contains input and output power LEDs, ground fault circuit interrupter, and Class CC Fuse (6 amp) .
Wiring	Corrosion-resistant, industrial cord with molded, weather and watertight connectors that are indexed to prevent improper wiring.
Flotation System:	<p>Model GBS: Fully submersible flotation assembled to inner shell of circulator. Invisible at water surface.</p> <p>Model GBF: Float ball flotation connected to upper shell. Visible at water surface.</p>
Fluid Intake:	6 rectangular inlets located around perimeter of lower shell.
Minimum Operating Depth:	30 inch (78 cm) minimum operating depth.
Anchoring:	25 lb (12 kg) concrete anchor
Accessories Available:	Additional cable lengths of 200 feet (60 m) and 250 feet (75 m) available.
Warranty:	Limited 1-year parts and labor warranty.

Subject to change without notice.