Technology Description- Floating, electric powered, circulation and Trihalomethane (THM) removal equipment for potable water tanks and reservoirs. Designed for continuous operation and placement through 18-inch diameter (46 cm), minimum clear roof opening.

Materials of Construction - T316 stainless steel, thermoplastic rubber, High Density Polyethylene construction. GridBee® Machines are constructed using safe materials for contact with potable water. See certifications section below.

Spray Unit Direct Flow Rate - 75,000 Gallons Per Day, GPD. Ixom application engineering evaluations often require sizing systems based on site specific conditions and NOT the spray aeration direct flow rate.

Minimum Access Opening - Machine can be placed through 18 inch (46 cm) diameter opening.

Minimum Water Depth - Minimum of 48 inch (1.2 m) operating depth required, do not operate out of water.

Minimum Head Space - Minimum of 19 inch (50 cm) head space between water level and reservoir/tank ceiling required.

Intake - 20 to 100+ feet (6 to 30+ m) available in 6 inch (15.3 cm) diameter X 20 feet (6 m) sections, thermoplastic rubber, NSF/ANSI 61 approved. Includes low elevation inlet that draws water in a horizontal layer within 6 inches (15 cm) of the tank or reservoir floor. Includes intake retrieval chain constructed of 316 stainless steel.

Electrical Requirements - Requires 230vAC, 1-PH, 60Hz power. Ixom recommends secondary disconnect to be located near equipment access hatch. Optional 1-phase control panel operates both SN1 Spray Unit and Blower. All switches, breakers, emergency stop buttons, control panels and other controls shall be installed in accordance to all NEC, State, and local regulations. (Not supplied by Ixom.)

SN1 Motor - 1.5HP stainless steel submersible, designed for continuous operation, low power requirement, direct drive, no gearbox and no lubrication schedule required. See certifications section below.

SN1 Wiring - 3-conductor, submersible power cable for submersible motor wiring terminated exterior at top of tank.

Sealed Penetration Fitting - T316 stainless steel tank fitting with a 3/4" NPT female connection. Not designed as a submersible penetration.

Blower Motor - 0.5HP TEFC motor, designed for continuous operation, low power requirement, direct drive, no gearbox and no lubrication schedule required.

Shipping Size / Weight

- Crate - 72 inch x 48 inch x 48 inch (1.85 m x 1.22 m x 1.22 m) / 400lbs (185 kg) Exact weight and dimensions varies dependent on machine configuration.

Certifications - Ixom’s potable water products are certified to ANSI/NSF Standard 61, and 372 for lead-free content. Learn more at: www.medoraco.com/std61

Maintenance / Warranty - Limited maintenance. Limited 2-year parts and labor warranty. See Warranty Statement for details.

Subject to change without notice.

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