

SPECIFICATIONS - LIMNETICS DESTRAITIFIER

PROPELLER:

- 6 Feet 3 Inch Diameter
- Weedless
- 304 Stainless Steel Weldment
- Blades 7 Gauge (.179") 304 Stainless Steel
- Shaft 304 Stainless Steel Pipe
- Standard Prop Reversible by (1) Remove & Turn Over; and (2) Lead Wire Swap
- Optional Two-Way Prop Reversible by Lead Wire Swap Only

MOTOR / REDUCER:

- 3 HP, 3-Phase, 230/460 Volt
- 1800 RPM Motor
- Single Stage Reducer with Oil Level Sight Gauge
- 41 RPM Output Shaft
- Reversible by Lead Wire Swap

SHAFT :

- 304 Stainless Steel Pipe
- Precision Machined Upper Hub for Coupling
- Precision Machined Lower Hub for Propeller Shaft
- Length to Position Propeller 7-8 Feet below Surface

HOUSING:

- 304 Stainless Steel
- Upper Flange Bolted to Housing Adapter
- Tapered Lower End Bearing Support

BEARING – UPPER:

- Deep Groove Double-Sealed Ball
- Located Above Waterline
- L10 Life Exceeds 1 Million Hours (114 Years)

BEARING – LOWER:

- Submerged Sleeve, Water-Lubricated
- High-Wear, Non-Corrosive Polymer
- Replaceable Without Removing Propeller

COUPLING:

- Jovejoy Jaw Type, Hytrel Spider

HOUSING ADAPTER:

- Hot Rolled Steel Weldment
- Precision-Machined Upper Bearing Bore
- Motor Face Alignment Register

PONTOONS:

- Polyethylene
- Rotation Molded
- EPS Foam Filled
- Reserve Capacity to Support Two Maintenance Workers

PONTOON FRAME:

- 304 Stainless Steel
- Bolted Construction
- 8 Feet Long x 7 Feet 2 Inch Wide
- Supports Winch and Pulley for Anchor Deployment

OPERATING ANGLE:

Adjustable through Full 90 Degrees from Horizontal to Vertical

DIRECTIONAL PIVOT:

304 Stainless Steel Shaft & Lever
Rotated by Winch & Stainless Steel Cable
Located Totally above Waterline

SCREENING (OPTIONAL, for shaft pivoted to vertical position only):

Steel Mesh, 8" x 6" x 3/16" Wire
Removable Retaining Pins in Corners
Zinc Plated Mesh, Retaining Pins, and Hardware
304 Stainless Steel Corner Brackets
Hinged for Tilt Up

DECK (OPTIONAL):

Expanded Metal Grating
Rust Inhibiting Paint

FENCE (OPTIONAL):

Outside Perimeter Only
Chain Link
Zinc Plated
Lockable Gate

Feb. 4, 2020