



2400ED, 3400ED, & 4400ED

De-Icer

2400ED: 1/2HP, 220V, 50Hz, Single Phase

3400ED: 3/4HP, 220V, 50Hz, Single Phase

4400ED: 1HP, 220V, 50Hz, Single Phase



De-Icers can be hung with ropes, dock mount, or horizontal float

Operation

- ⇒ Submersed motor pushes water to create flow of warm, bottom water using an open propeller design.
- ⇒ Moving warmer bottom water to the surface creates open water areas.
- ⇒ Single open propeller design allows for greater water flow with a lower likelihood of clogging.
- ⇒ Coated stainless steel cage/propeller guard shall catch large debris and assist in reducing the likelihood of clogging while allowing for maximum water flow through the unit.

Quick Facts

- ⇒ Available in 220V, 50Hz, Single Phase
- ⇒ Complete Package includes Assembled Motor Unit, Two 7.5m Braided Nylon Mooring Lines, and Rubber 10m Power Cord or 1M Stub Cord
- ⇒ CE Marked
- ⇒ Sacrificial Anode Installed for Corrosion Protection and use in Salt Water Applications
- ⇒ Series 300 Austenitic Stainless Steel Construction of Exposed Metal; Salt Water Compatible
- ⇒ 2 Year Warranty
- ⇒ UPS Shippable
- ⇒ Energy Efficient with Excellent GPM/kW Rates
- ⇒ Industrial Strength Design
- ⇒ Can be Used in Summer and Winter Applications

Features

Motor Unit

- ⇒ 1/2HP, 208-220V, Single Phase
- ⇒ 3/4HP, 208-220V, Single Phase
- ⇒ 1HP, 208-220V, Single Phase
- ⇒ 1450 RPM Motor
- ⇒ Oil Cooled, Continuous Duty Rated Motor
- ⇒ Two Long Life Bearings
- ⇒ Thermal Overload Protection
- ⇒ Fully Unitized Heavy Duty Carbon Ceramic Mechanical Seal
- ⇒ Series 300 Austenitic Stainless Housing with Engineering Grade Thermoplastic Top
- ⇒ Protective Coated Series 300 Austenitic Stainless Steel Cage/Prop Guard with 18 Vertical Bars and 3.8cm Spacing
- ⇒ UV Resistant Engineered Thermoplastic Propeller with All Blades on the same Plane

Power Cable

- ⇒ 10m or 1m Stub Cord
- ⇒ Rubber Jacket, 3 Conductor Power Cord with Earth Conductor
- ⇒ Potted Quick Disconnect and Stainless Steel Strain Relief Standard on all Stub Cords
- ⇒ Flex Sleeve Cord Protection on Stub Option

Optional Dock Mount

- ⇒ Galvanized Steel Out-of-Water Parts
- ⇒ Stainless Steel and Thermoplastic in Water Parts
- ⇒ Series 300 Stainless Steel Hardware
- ⇒ Out-of-Water and In-Water Angling positions
- ⇒ User Supplies 1" Pipe up to 3m Long
- ⇒ NPT or BPT Options

Optional Horizontal Float

- ⇒ U.V. Resistant High Density Thermoplastic
- ⇒ Single Piece, Rectangular Float
- ⇒ Series 300 Stainless Steel Hardware
- ⇒ 5 Angling Position Series 300 Stainless Steel Plate
- ⇒ Two 15m Braided Nylon Mooring Ropes

Kasco 2400ED, 3400ED, & 4400ED Specifications

Model #	HP	Cord Length	Watts	Voltage/Phase/Hz	Running Amps	Lock Rotor Amps	Thrust	Min. Depth of Operation	Shipping Weight	Number of Boxes
2400ED000	1/2	Stub	484	220/1/50	2.2	5.3	11.8 kg	1.2m	12 kg	1
2400ED010	1/2	10m	484	220/1/50	2.2	5.3	11.8 kg	1.2m	14 kg	1
3400ED000	3/4	Stub	748	220/1/50	3.4	9	15.4 kg	1.2m	16 kg	1
3400ED010	3/4	10m	748	220/1/50	3.4	9	15.4 kg	1.2m	18 kg	1
4400ED000	1	Stub	814	220/1/50	3.7	10	23 kg	1.2m	17 kg	1
4400ED010	1	10m	814	220/1/50	3.7	10	23 kg	1.2m	20.5 kg	1

Use Warnings

- Max Water Temp of 35°C
- For Use in Non-Explosive Areas Only
- Use to Pump Water Only
 - Non-Flammable
 - Non-Toxic
 - Non-Corrosive (salt water is acceptable)
- Do Not Run the Unit Dry
- RCD (residual current device) or GFCI (ground fault circuit interrupter) protected circuit required



Standard Option: Unit is suspended below dock or boat from ropes vertically or slightly angled to produce upward flow of warm water.



Dock Mount Option: Unit is mounted to pipe with underwater coupler and attached to dock, piling, or wall with Out-of-Water parts. Can be angled vertical to horizontal with angling positions.



Optional Horizontal Float: Unit is mounted to surface float and can be horizontal, angled above and/or below horizontal for directional flow.

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