



# 2400D, 3400D, 3400HD, 4400D, & 4400HD **De-Icer**

1/2, 3/4, and 1HP



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 120V and/or 240V, 60Hz, Single Phase
- ⇒ Complete Package includes Assembled Motor Unit, Two 20' Braided Nylon Mooring Lines, and 25' Power Cord (other cord lengths available)
- ⇒ Tested by ETL to UL and CSA standards
- ⇒ 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

### Features

#### Motor Unit

- ⇒ 1/2HP, 120V, Single Phase
- ⇒ 3/4HP, 120V and 240V options, Single Phase
- ⇒ 1HP, 120V and 240V options, Single Phase
- ⇒ 1750 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 1.5" Spacing
- ⇒ UV Resistant Engineered Thermoplastic Propeller with All Blades on the same Plane

#### Power Cable

- ⇒ SJTOW UL, CSA, & NEC Approved Underwater Rated Cable
- ⇒ 3 Wire Cable
- ⇒ Available in 25' (standard), 50', 100' options (Cord Gauges of 16, 14, and 12 AWG; depending on length)
- ⇒ Potted Quick Disconnect and Stainless Steel Strain Relief Standard on 12 Gauge Cords

#### 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 10' Long

#### 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 50' Braided Nylon Mooring Ropes

#### Optional Industrial Dock Mount

- ⇒ Galvanized Out-of-Water Parts
- ⇒ Stainless Steel In-Water Parts
- ⇒ Series 300 Stainless Steel Hardware
- ⇒ Out-of-Water and In-Water Angling positions
- ⇒ User Supplies 1.5" Pipe up to 10' Long

# Kasco 2400D, 3400D, 3400HD, 4400D, & 4400HD Specifications

Model #	HP	Cord Length	Cord Gauge*	Voltage/Phase/Hz	Running Amps	Lock Rotor Amps	Thrust	Min. Depth of Operation	Shipping Weight	Number of Boxes
2400D025	1/2	25'	16/3	120/1/60	5.0	12	26 lbs.	4'	28 lbs.	1
2400D050	1/2	50'	16/3	120/1/60	5.0	12	26 lbs.	4'	31 lbs.	1
2400D100	1/2	100'	14/3	120/1/60	5.0	12	26 lbs.	4'	37 lbs.	1
3400D025	3/4	25'	16/3	120/1/60	6.7	18	34 lbs.	4'	31 lbs.	1
3400D050	3/4	50'	16/3	120/1/60	6.7	18	34 lbs.	4'	34 lbs.	1
3400D100	3/4	100'	14/3	120/1/60	6.7	18	34 lbs.	4'	45 lbs.	1
3400HD050	3/4	50'	14/3	240/1/60	3.4	9	34 lbs.	4'	40 lbs.	1
3400HD100	3/4	100'	14/3	240/1/60	3.4	9	34 lbs.	4'	45 lbs.	1
4400D025	1	25'	16/3	120/1/60	11.3	9	51 lbs.	4'	35 lbs.	1
4400D050	1	50'	14/3	120/1/60	11.3	40	51 lbs.	4'	47 lbs.	1
4400D100	1	100'	12/3	120/1/60	11.3	40	51 lbs.	4'	57 lbs.	2
4400HD050	1	50'	14/3	240/1/60	5.7	20	51 lbs.	4'	42 lbs.	1
4400HD100	1	100'	14/3	240/1/60	5.7	20	51 lbs.	4'	47 lbs.	1

\* 12 AWG cords include potted quick disconnect and stainless steel strain relief.

## Use Warnings

- 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
- 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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