



# 2400ECF, 3400ECF, & 4400ECF

## Water Circulator

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

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

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



### Operation

- ⇒ Submersed motor in a horizontal position pushes the water to create directional flow using an open propeller design.
- ⇒ Moving water mixes and agitates the water, spreading oxygenated water throughout the body of water, eliminating stagnant areas, and mixing thermally and chemically stratified water.
- ⇒ 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, UV Resistant High Density Thermoplastic Rectangular Float, Two 15m Braided Nylon Mooring Lines, and Rubber 10m Power Cord or 1M Stub Cord
- ⇒ Operates in 4' Depth
- ⇒ 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

Water Circulator Creates Directional Flow and Water Movement

### 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

#### Float

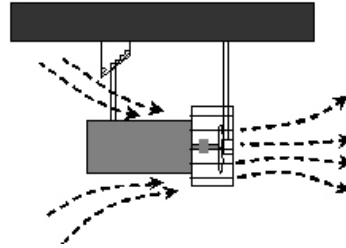
- ⇒ U.V. Resistant High Density Thermoplastic
- ⇒ Single Piece, Rectangular Float
- ⇒ Series 300 Stainless Steel Hardware
- ⇒ 5 Angling Position Series 300 Stainless Steel Plate
- ⇒ Two 15m Braided Nylon Mooring Ropes

# Kasco 2400ECF, 3400ECF, & 4400ECF Specifications

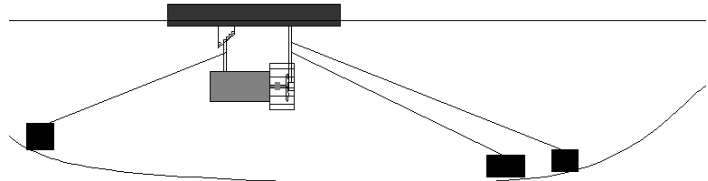
Model #	HP	Cord Length	Watts	Voltage/Phase/Hz	Running Amps	Lock Rotor Amps	Thrust	Min. Depth of Operation	Shipping Weight	Number of Boxes
2400ECF000	1/2	Stub	484	220/1/50	2.2	5.3	11.8 kg	1.2m	20.5 kg	2
2400ECF010	1/2	10m	484	220/1/50	2.2	5.3	11.8 kg	1.2m	23 kg	2
3400ECF000	3/4	Stub	748	220/1/50	3.4	9	15.4 kg	1.2m	25 kg	2
3400ECF010	3/4	10m	748	220/1/50	3.4	9	15.4 kg	1.2m	27 kg	2
4400ECF000	1	Stub	814	220/1/50	3.7	10	23 kg	1.2m	26 kg	2
4400ECF010	1	10m	814	220/1/50	3.7	10	23 kg	1.2m	29 kg	2

## 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
- Discontinue use and remove when water is below 0°C.
- RCD (residual current device) or GFCI (ground fault circuit interrupter) protected circuit required



During unit operation, water is circulated from 360° around the unit. The Circulator draws in water and circulates it throughout the pond.



Assembly and Installation of Kasco equipment is quick and easy. Each unit includes an Owners Manual with specific steps to assemble, install, and operate the equipment properly. Note: A third mooring line can be used for securing the unit.

The motor unit attaches to the float using stainless steel hardware for an easy and secure assembly. The single piece, rectangular, U.V. resistant, high density thermoplastic float allows for excellent durability with low visibility. The 5 position angling plate allows for multiple angle settings with a simple adjustment.

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