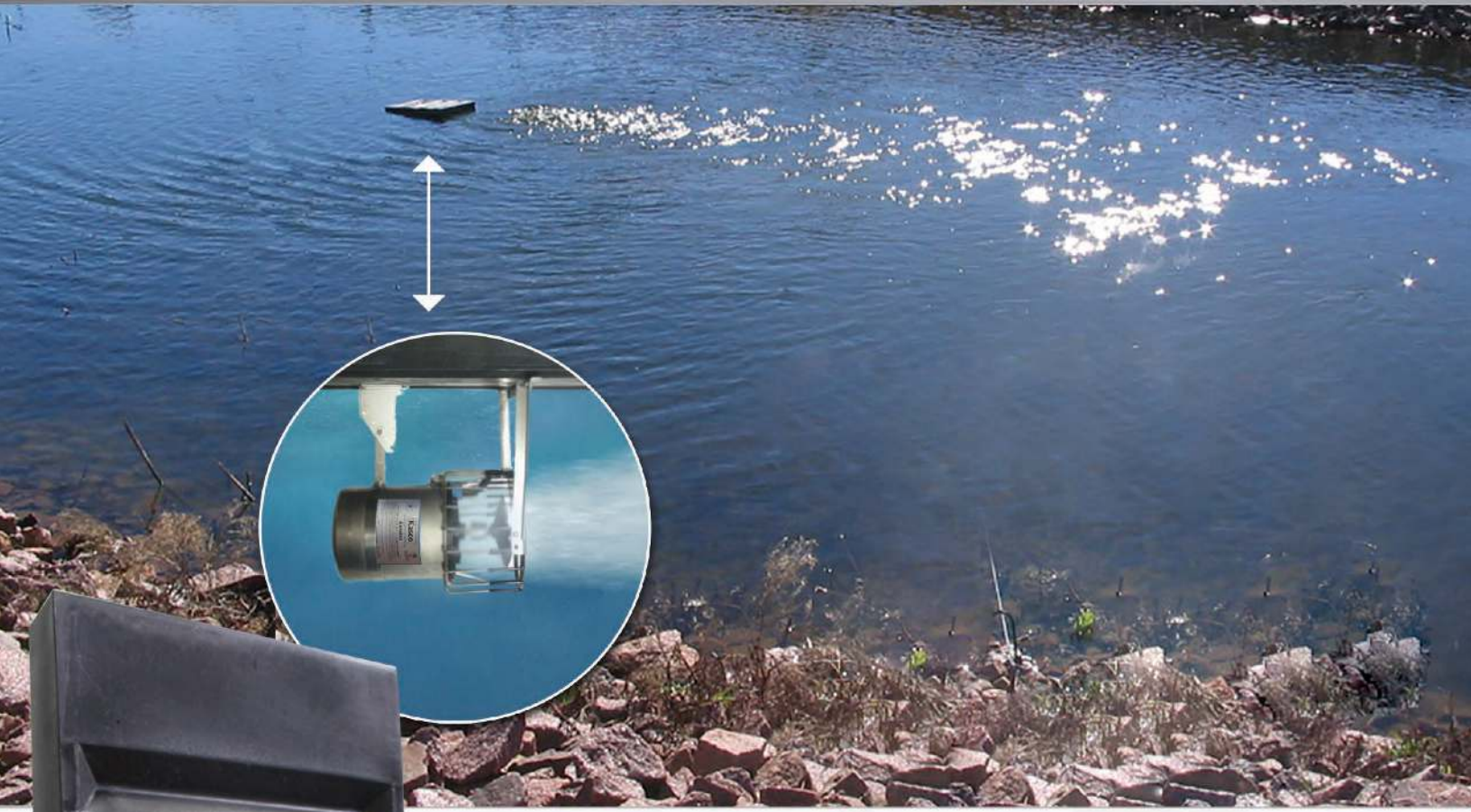


# Kasco Circulators / Mixers

Improve Your Waterfront Experience by Removing Debris, Odor, Weeds & Algae



## MIX EFFECTIVELY NO MATTER THE APPLICATION

Kasco Circulators / Mixers will help solve many common water problems throughout the year and will greatly improve the health and vitality of your water. Using a specifically designed propeller, these units create a strong, directional flow of water that results in a multitude of benefits for your aquatic environment.

Our units use many unique components allowing them to be mounted in several different configurations to fit your needs. Our 1/2, 3/4 and 1HP options can be mounted with mooring ropes, horizontal float or universal dock mount, while the 2HP option is mounted with the industrial dock mount. With several unit sizes and mounting options available, our units can be used across countless applications, including harsh salt water as all exposed metal is marine-grade stainless steel.

- Introduce life-supporting oxygen by increased oxygen transfer
- Create powerful directional flow to remove trash, scum and debris
- Control undesirable plants such as algae
- Limit mosquito and insect reproduction
- Eliminate thermal stratification by mixing entire water column
- Accelerate decomposition of organic material
- Promote a healthy and balanced aquatic environment



## COMPLETE PACKAGE

Kasco's Circulators / Mixers are easy to install, move and operate. Our D models ship with power cord, two 25 ft. mooring ropes, and optional control panel. CF models ship with power cord, two 50 ft. mooring ropes, float, associated mounting hardware and optional control panel. Our CUD models ship with power cord, dock mount, associated mounting hardware and optional control panel.

## UNBEATABLE PERFORMANCE

Kasco's Circulators / Mixers offer excellent performance in a wide range of applications and depths. Using the included horizontal float (CF models), units can operate in depths as shallow as 4 ft.\* and still encourages optimized water movement. A 1/2HP unit can effectively circulate a one-acre pond and our 3/4HP units were shown to create effective movement in a canal measuring 1,000 ft. long by 10 ft. wide with an average depth of 4 ft.

## YEAR-ROUND BENEFITS

The creative design of Kasco's Circulators / Mixers allows it to easily be used year round with the appropriate mounting and float equipment. In warm months, the units can be used to mix, agitate and eliminate stagnant water areas where unwanted aquatic plants grow and mosquitoes breed. In colder months, the units will prevent harmful ice damage around water property and create an ice-free opening allowing a steady supply of oxygen.

## MULTIPLE MOUNTING OPTIONS

### ROPE SUSPENSION

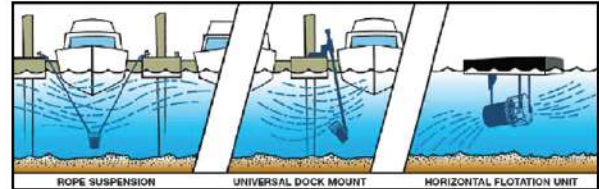
Use ropes to easily suspend the unit in a vertical or angled position. Each D and CF model includes two mooring ropes (D models use 25 ft., CF models use 50 ft.).

### HORIZONTAL FLOAT

The horizontal float allows the unit to operate in open water while anchored with mooring lines and where dock mounting is not an option. Create elongated patterns of water movement for optimized mixing and choose from 5 different mounting angles. Each CF model includes a horizontal float and two 50 ft. mooring ropes.

### DOCK MOUNT

Mount the unit directly to any dock or piling for easy unit placement and angle adjustment. 1/2, 3/4 and 1HP CUD models include the universal dock mount that will receive a 1 in. pipe, 2HP CUD models include an industrial dock mount that will receive a 1.5 in. pipe. Pipes are supplied by the customer and should not exceed 10 ft. in total length.



## MODEL NUMBERS & SPECIFICATIONS

MODEL NUMBERS	CORD LENGTH OPTIONS (FT)	UNIT SIZE (HP)	VOLTS	AMPS	THRUST (LBS)
Mooring Rope Model Numbers					
2400D	25, 50, 100, 150, 200	1/2	120V	5	28
3400D	25, 50, 100, 150, 200	3/4	120V	6.7	34
3400HD	50, 100, 150, 200, 250, 300, 400, 500	3/4	240V	3.4	34
4400D	50, 100, 150, 200	1	120V	9.1	41
4400HD	50, 100, 150, 200, 250, 300, 400, 500	1	240V	9.1	41
Horizontal Float Model Numbers					
2400CF	25, 50, 100, 150, 200	1/2	120V	5.7	29
3400CF	25, 50, 100, 150, 200	3/4	120V	6.2	32
3400HCF	50, 100, 150, 200, 250, 300, 400	3/4	240V	3.1	32
4400CF	25, 50, 100, 150, 200	1	120V	9.1	41
4400HCF	50, 100, 150, 200, 250, 300, 400	1	240V	9.1	41
Dock Mount Model Numbers					
2400CUD	25, 50, 100, 150, 200	1/2	120V	5.7	29
3400CUD	25, 50, 100, 150, 200	3/4	120V	6.2	32
3400HCUD	50, 100, 150, 200, 250, 300, 400	3/4	240V	3.1	32
4400CUD	25, 50, 100, 150, 200	1	120V	9.1	41
4400HCUD	50, 100, 150, 200, 250, 300, 400	1	240V	9.1	41
8400HCUD	50, 100, 150, 200, 250, 300, 400	2	240V	10	73

## POWERFUL MIXING CAPABILITIES

These time-lapse images show how quickly our AquaRenew™ Dye is thoroughly mixed by our 3400CF circulator unit. It took our circulator roughly 30 minutes to completely mix the dye in our 3/4 acre, 700,000 gallon pond with an average depth of 6 ft.

### IMAGE 1

Dye is first poured into our pond.



### IMAGE 2

Dye completely mixed after 30 minutes.

