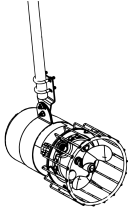


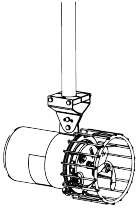
## MOUNTING OPTIONS

### Universal Mount



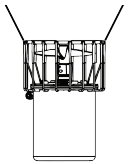
Mount your 1/2, 3/4 or 1HP unit on a dock or piling with our universal kit. Adjustable angle and depth options. Uses a 1 in. (25 mm) nominal threaded or unthreaded pipe. Pipe supplied by customer.

### Industrial Mount



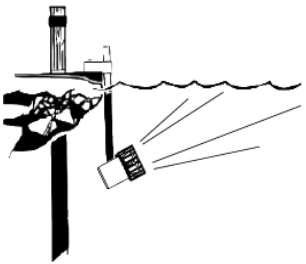
The industrial kit can be used with 1/2, 3/4 and 1HP units. It contains all stainless steel parts and is built for harsh applications where there may be moving ice or strong currents. Uses a 1.5 in. (40 mm) nominal threaded or unthreaded pipe. Pipe supplied by customer.

### Suspended Operation



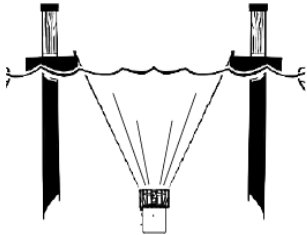
Each unit comes standard with (2) 20 ft. mooring ropes for easy operation.

## INSTALLATION OPTIONS



### Angled Installation

Angled installation creates oblong shaped opening at surface of ice.



### Vertical Installation

Vertical installation creates a circular shaped opening at surface of ice.



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# Kasco®

MOVING WATER FORWARD, SINCE 1968



## DE-ICERS

Preventing Ice Damage  
for Over 50 years

#1 SELLING DE-ICER IN THE WORLD



# KASCO DE-ICERS



## Protect Your Water-front from Ice Damage

De-icers push warm bottom water to the surface creating an ice-free area of protection around your boat, dock, pier, or other water-front property. They help protect fish and aquatic species by allowing for open areas where oxygen can enter the water.

- Include (2) 20 ft. suspension ropes
- Offered as 120V (60Hz), 208-240V (60Hz), or 220-240V (50Hz)
- 60Hz units are ETL Listed to CSA and UL Standards
- 50Hz units are approved to CE standards

**HP** 1/2, 3/4, & 1HP AVAILABLE



3 YEAR WARRANTY

## OUTPERFORMS THE COMPETITION

Kasco De-icers create more thrust than any other competitor. More thrust means more open water to better protect your property.

# DE-ICER PRODUCT AND SIZING GUIDES

Use the tables below to determine your de-icer unit size.

MODEL (60Hz)	SIZE	VOLTAGE	AMPS	THRUST
2400D	1/2HP	120V	5.7	31 LB
3400D	3/4HP	120V	6.7	37 LB
3400HD	3/4HP	208-240V	3.1	37 LB
4400D	1HP	120V	9.1	42 LB
4400HD	1HP	208-240V	4.5	42 LB

Choose which temperature best describes your application and which mounting orientation you need.

AIR TEMPERATURE: 34° to 20° F (-1° to 6.5° C)			
ANGLED ORIENTATION		VERTICAL ORIENTATION	
HP	Open Water	HP	Open Water
1/2HP	30 ft. x 100 ft. (9 m x 30.5 m)	1/2HP	65 ft. (20 m)
3/4HP	35 ft. x 120 ft. (11 m x 36.5 m)	3/4HP	85 ft. (26 m)
1HP	40 ft. x 150 ft. (12 m x 46 m)	1HP	90 ft. (27.5 m)

AIR TEMPERATURE: 19° to 0° F (-7° to -18° C)			
ANGLED ORIENTATION		VERTICAL ORIENTATION	
HP	Open Water	HP	Open Water
1/2HP	25 ft. x 60 ft. (7 m x 18 m)	1/2HP	50 ft. (15 m)
3/4HP	30 ft. x 80 ft. (9 m x 24 m)	3/4HP	70 ft. (21 m)
1HP	35 ft. x 90 ft. (11 m x 27.5 m)	1HP	80 ft. (24 m)

AIR TEMPERATURE: -1° to -20° F (-19° to -29° C)			
ANGLED ORIENTATION		VERTICAL ORIENTATION	
HP	Open Water	HP	Open Water
1/2HP	25 ft. x 55 ft. (7 m x 17 m)	1/2 HP	35 ft. (11 m)
3/4HP	30 ft. x 75 ft. (9 m x 23 m)	3/4 HP	50 ft. (15 m)
1HP	35 ft. x 85 ft. (11 m x 26 m)	1 HP	65 ft. (m)

AIR TEMPERATURE: BELOW -20° F (-29° C)			
ANGLED ORIENTATION		VERTICAL ORIENTATION	
HP	Open Water	HP	Open Water
1/2HP	20 ft. x 40 ft. (6 m x 12 m)	1/2HP	30 ft. (9 m)
3/4HP	25 ft. x 50 ft. (7 m x 15 m)	3/4HP	45 ft. (11 m)
1HP	30 ft. x 60 ft. (9 m x 18 m)	1HP	55 ft. (17 m)

## CONTROL PANELS



### C-10 Thermostat Control Panel

The C-10 controller uses an adjustable air temperature thermostat to turn the de-icer on or off when the temperature reaches a set point.



### C-20 Time & Temperature Control Panel

The C-20 time and temperature controller allows you to determine at what temperature and time of day the de-icer turns on.

Discover other boat docking on our website.