



De-icers

*The industry leader in
preventing ice damage
for over 40 years!*



www.de-icer.com
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***The only De-icer
you will ever need.***

- For over 40 years, the industry leader in De-icers
- Industrial strength, energy efficient and cost effective
- Only De-icer that has ETL approval to UL and CSA standards
- Designed for saltwater use
- Replaceable power cord
- Performance propellers designed for each specific model
- 1750 RPM means longer seal life than the competition
- Prevent ice damage to boats, docks and shoreline
- Attract waterfowl in water
- Prevent oxygen-related winterkills
- Nationwide product support and service centers
- Complete, dependable and made in the USA

Kasco® De-icers help prevent the formation of damaging ice in marinas and harbors.

Suspended Operation

Kasco De-icers come complete for suspended operation from a dock or boat in either a vertical or angle position. Angle operation by suspended method or with optional flotation unit produces an elongated pattern of agitated water. A vertical positioning produces a circular pattern.

Adjusting the angle of de-icer suspension is done by simply looping one suspension rope back one or two ribs on the propeller cage.

Kasco De-icers are effective in either mild or severe winter climates. In milder climates fewer Kasco units are required for safe de-icing. Users find that Kasco De-icers create more water flow than any product available.

MODEL	SIZE	VOLTAGE	AMPS	THRUST
2400D	1/2 HP	120V	5.0	26 LBS
3400D	3/4 HP	120V	6.7	34 LBS
3400HD	3/4 HP	240V	3.4	34 LBS
4400D	1 HP	120V	11.3	52 LBS
4400HD	1 HP	240V	5.7	52 LBS



ROPE SUSPENSION



Efficiently eliminate stagnant water



Prevent winter kill and protect structures from ice damage

AVERAGE LOW AIR TEMPERATURE (°F)

HP SIZE	34°-20° ORIENTATION		19°-0° ORIENTATION		MINUS 1°- MINUS 20° ORIENTATION		GREAT LAKES* ORIENTATION	
	ANGLED	VERTICAL	ANGLED	VERTICAL	ANGLED	VERTICAL	ANGLED	VERTICAL
1/2 HP	30' X 100'	65'	25' X 60'	50'	25' X 55'	45'	20' X 40'	35'
3/4 HP	35' X 120'	85'	30' X 80'	70'	30' X 75'	65'	25' X 50'	45'
1 HP	40' X 150'	90'	35' X 90'	80'	35' X 85'	75'	30' X 60'	55'

ASSUMPTION:

Unobstructed water • 200 acre plus body of water with 20 feet plus maximum water depth or greater
 Water depth in deicing area 4 feet plus • *Size may vary greatly based on a number of local conditions

Optional Equipment

C-10 ADJUSTABLE THERMOSTAT and C-20 TIME AND TEMPERATURE DE-ICER CONTROL

The C-10 Thermostat Controller is an inexpensive way to control the operation of your Kasco De-icer by using air temperature. The C-10 plugs into a standard 120V outlet and allows you to set an air temperature setting. When the air temperature drops below that setting, the C-10 will turn on the De-icer and off again when the temperature rises, saving money on costly electrical bills.



Kasco's C-20 Time and Temperature De-icer Control is designed and engineered exclusively for outdoor use to operate your Kasco De-icer with maximum energy conservation.

The C-20 will only operate your Kasco De-icer when both the timer and thermostat are activated.

Important: The C-10 and C-20 are designed to operate only one Kasco De-icer. Daily observation is required for all de-icing installations.

UNIVERSAL DOCK MOUNT

Kasco's heavy duty dock or piling mount is made from corrosion protected steel and stainless steel. It offers you flexibility of adjusted angle, depth in the water and 360° positioning. This dock mount can be used with any of our de-icer units.



The de-icer unit may be extended down from the surface mounting bracket to a maximum length of 10 feet. Due to shipping limitations, users must supply their own 1" O.D. pipe extensions.

HORIZONTAL FLOTATION UNIT

Kasco offers an exclusive, arctic proven flotation kit. The easy-to-assemble kit consists of stainless steel components and a flotation block.



The De-icer unit is mounted at an angle just below the flotation block. Angle operation of de-icer produces an elongated pattern of agitated water and is well-suited for shallow water operation. All models can be used with this float.

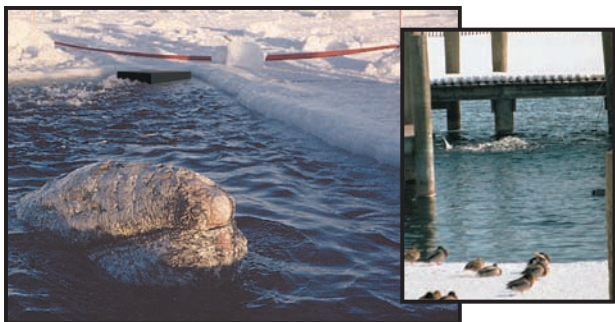
KASCO®

The Arctic Proven De-icers

In October 1988, Kasco Marine sent its de-icing equipment and company personnel 312 miles north of the Arctic Circle to help with the whale rescue off the coast of Barrow, Alaska.

Although Kasco Marine had no official rescue invitation, they were convinced their equipment could do the job... so Kasco decided to "crash the party." At first, local officials did not take Kasco's de-icing equipment seriously, but they quickly became enthusiastic after seeing the great results Kasco delivered. There was also a friendly reception from the whales.

Kasco's 3/4 H.P. Horizontal Flotation Units maintained ice-free breathing holes for the trapped whales at temperatures consistently reaching -30° F. Keeping these breathing holes free of ice, while waiting for a Russian ice-breaker, was essential to the ultimate freedom of the trapped whales.



A Kasco De-icer Horizontal Flotation Unit (in corner behind the whale) keeps a breathing hole open as "Bone," one of the trapped whales, pokes its head up for air. Inset shows a Kasco De-icer in a more conventional use.



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