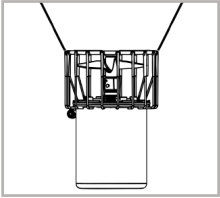


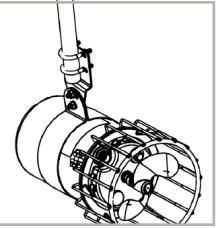
INSTALLATION OPTIONS

Suspended Operation



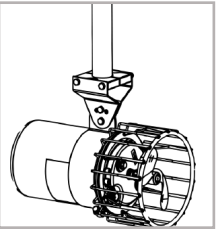
De-icers come standard with (2) 20 ft. mooring ropes for easy suspended operation.

Universal Dock Mount



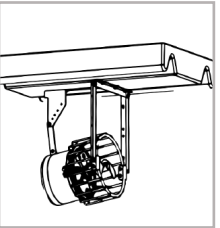
Mount your 1/2, 3/4 or 1 HP unit on a dock or piling with our universal kit. Rotate the unit to change its angle and depth. Uses a 1 in. / 25mm threaded or unthreaded pipe. Pipe supplied by customer.

Industrial Dock Mount



The industrial kit can be used with 1/2, 3/4 and 1 HP units and is made with stainless steel and galvanized parts for harsh environments. Uses a 1.5 in. / 40 mm threaded or unthreaded pipe. Pipe supplied by customer.

Horizontal Float Mount



With this option, the de-icer unit is horizontally secured with stainless steel components below the rectangular float. This option is well suited for warmer weather and shallow water operation and offers 5 angles of orientation.

MOVING WATER FORWARD

Kasco has been moving water forward since 1968. The latest technology, design, and manufacturing has allowed us to maintain leadership in industries around the world.

Kasco[®]

DE-ICERS

PREVENTING ICE DAMAGE
FOR OVER 50 YEARS



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KASCO DE-ICERS

The Best Protection From Costly 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 waterfront property. They help protect fish and aquatic species, by allowing for open areas where oxygen can enter the water. Kasco de-icers come with (2) 20 ft. suspension ropes and are available in 1/2, 3/4, and 1 HP unit sizes. Use de-icers year-round for improved health and beauty of your water.

- Offered as 110-120V (60Hz), 208-240V (60Hz), or 220-240V (50Hz)
- 60Hz units are ETL approved to CSA and UL standards
- 50Hz units are approved to CE standards
- 2 year limited warranty



DE-ICER PRODUCT GUIDE

The tables below will help you determine de-icer unit size. In the bottom table, choose which temperature best describes your application and which mounting orientation you will use.

MODEL (60Hz)	SIZE	VOLTAGE	AMPS	THRUST
2400D	1/2 HP	110-120V	5.7	31 LBS
3400D	3/4 HP	110-120V	6.6	36 LBS
3400HD	3/4 HP	208-240V	3.1	36 LBS
4400D	1 HP	110-120V	9.1	44 LBS
4400HD	1 HP	208-240V	4.4	44 LBS

MODEL (50Hz)	SIZE	VOLTAGE	AMPS	THRUST
2400ED	1/2 HP	220-240V	2.5	11.8 KG
3400ED	3/4 HP	220-240V	3.3	13.4 KG
4400ED	1 HP	220-240V	4.5	16.8 KG



CONTROL PANELS

C-10 Thermostat Control



The C-10 controller uses an air temperature thermostat to turn the de-icer on when the temperature drops below a set point.

C-20 Time and Temperature Control



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

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DE-ICER SIZING CHART

Clearing size may vary greatly based on a number of local conditions.

AIR TEMP	34° to 20° F (-1 to 6.5° C)		19° to 0° F (-7 to -18° C)		-1° to -20° F (-19 to 29° C)		BELOW -20° F (-29° C)	
	ANGLED	VERTICAL	ANGLED	VERTICAL	ANGLED	VERTICAL	ANGLED	VERTICAL
1/2 HP	30 X 100 FT.	65 FT.	25 X 60 FT.	50 FT.	25 X 55 FT.	35 FT.	20 X 40 FT.	30 FT.
3/4 HP	35 X 120 FT.	85 FT.	30 X 80 FT.	70 FT.	30 X 75 FT.	50 FT.	25 X 50 FT.	45 FT.
1 HP	40 X 150 FT.	90 FT.	35 X 90 FT.	80 FT.	35 X 85 FT.	65 FT.	30 X 60 FT.	55 FT.