



## De-icer Sizing Chart

The tables below will help establish which de-icing unit is right for your application.

Choose the air temperature that best describes your location and which mounting orientation you will use.

Air Temperature: 34 to 20° F (-1 to 6.5° C)			
Angled Orientation		Vertical Orientation	
HP Size	Open Water Diameter	HP Size	Open Water Diameter
1/2 HP	30 ft. x 100 ft. (9 m x 30.5 m)	1/2 HP	65 ft. (20 m)
3/4 HP	35 ft. x 120 ft. (11 m x 36.5 m)	3/4 HP	85 ft. (26 m)
1 HP	40 ft. x 150 ft. (12 m x 46 m)	1 HP	90 ft. (27.5 m)

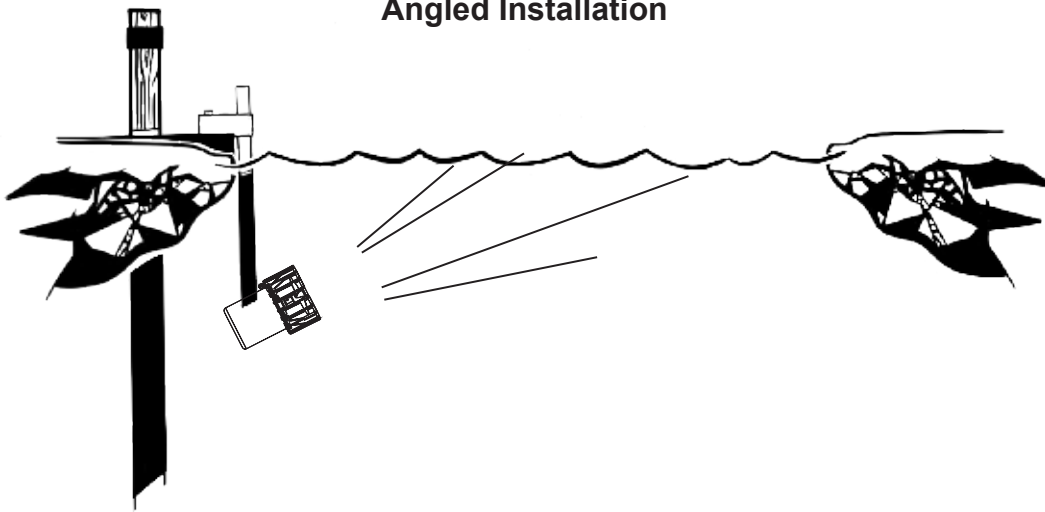
Air Temperature: 19 to 0° F (-7 to -18° C)			
Angled Orientation		Vertical Orientation	
HP Size	Open Water Diameter	HP Size	Open Water Diameter
1/2 HP	25 ft. x 60 ft. (7 m x 18 m)	1/2 HP	50 ft. (15 m)
3/4 HP	30 ft. x 80 ft. (9 m x 24 m)	3/4 HP	70 ft. (21 m)
1 HP	35 ft. x 90 ft. (11 m x 27.5 m)	1 HP	80 ft. (24 m)

Air Temperature: -1 to -20° F (-19 to -29° C)			
Angled Orientation		Vertical Orientation	
HP Size	Open Water Diameter	HP Size	Open Water Diameter
1/2 HP	25 ft. x 55 ft. (7 m x 17 m)	1/2 HP	35 ft. (11 m)
3/4 HP	30 ft. x 75 ft. (9 m x 23 m)	3/4 HP	50 ft. (15 m)
1 HP	35 ft. x 85 ft. (11 m x 26 m)	1 HP	65 ft. (20 m)

Air Temperature: Below -20° F (-29° C)			
Angled Orientation		Vertical Orientation	
HP Size	Open Water Diameter	HP Size	Open Water Diameter
1/2 HP	20 ft. x 40 ft. (6 m x 12 m)	1/2 HP	30 ft. (9 m)
3/4 HP	25 ft. x 50 ft. (7 m x 15 m)	3/4 HP	45 ft. (11 m)
1 HP	30 ft. x 60 ft. (9 m x 18 m)	1 HP	55 ft. (17 m)

*Size may vary greatly based on a number of local conditions.  
Angled installation creates oblong shaped opening at surface of ice.*

Angled Installation



Vertical Installation

