

# De-icer Sizing Chart

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

AIR TEMPERATURE: 20° to 34° F (-6.6° to 1° 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: 0° to 19° F (-17.7° to -7° 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: -20° to -1° F (-29° to -18.3° C)			
ANGLED ORIENTATION		VERTICAL ORIENTATION	
HP	Open Water	HP	Open Water
1/2HP	25 ft. x 55 ft. (7 m x 17 m)	1/2HP	35 ft. (11 m)
3/4HP	30 ft. x 75 ft. (9 m x 23 m)	3/4HP	50 ft. (15 m)
1HP	35 ft. x 85 ft. (11 m x 26 m)	1HP	65 ft. (m)

AIR TEMPERATURE: BELOW -20° F (BELOW -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)

\* Size of open water may vary greatly based on a number of local conditions.

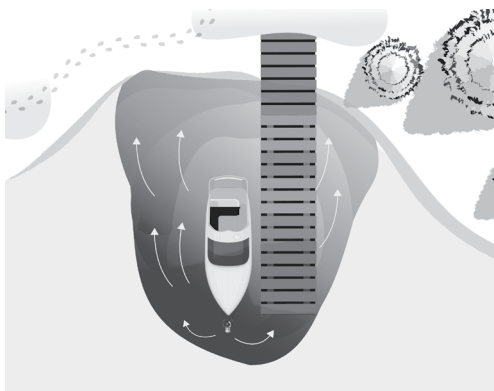
Sizing recommendations based on the following assumptions:

- Unobstructed water
- 200-acre+ body of water with 200 feet+ water depth
- Water depth in de-icing area is greater than 4 ft.

## 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.

