



# Thawline linear de-icing systems



The Thawline system is designed to provide a linear opening in the ice to protect structures exposed to ice damage.

The system uses Bubble Tubing®, a weighted flexible diffuser hose, used to perimeter the structures to be protected.

Effective for permanent protection of docks, pilings, boats and boathouses, water intakes and dams.

The warmer, heavier water from the bottom will circulate to the surface, thanks to the action of the bubbles rising in the water column, where it will melt the ice.

The low cost of operation, the ease of installation of the system and the fact that there are no moving parts in the water, makes the system sustainable over time.



This de-icing system allows you to protect your residential and commercial aquatic installations.

## Benefits

- Protects against pressure caused by ice expansion.
- Provides better control over the location and size of the opening in the ice
- Permanent installation
- Low operating costs
- Protects all types of structures
- No electricity and moving parts in the water.
- Works in salt or fresh water.

## Components

- UL, CSA and CE approved piston compressor
- Compressor base
- Air supply lines Torpedo
- Bubble Tubing® Diffuser
- Accessories, installation manual and technical support available.



## Thawline de-icing systems



Compressor



Cabinet (Optional)



Bubble tubing® diffuser



Torpedo Tubing



Ventilated base (Optional)

The Thawline de-icer also provides oxygen to the water, which improves water quality and helps prevent fish kills in winter.

Installation is easy and permanent. Instructions are provided and our technical support is there for you.

The opening in the ice will vary depending on the ambient temperature and local weather conditions.

Extend the Bubble Tubing® into the water at the same depth along its entire length to create a uniform bubble curtain.

Run the system 24/7 for best results.

Install the system before ice forms for your safety.

## Standard system options:

BBLR-50 : System using 50' of weighted Bubble Tubing® without cabinet

BBLR-100 : System using 100' of weighted Bubble Tubing® without cabinet

BBLR-50C: System using 50' of weighted Bubble Tubing® with cabinet

BBLR-100C: System using 100' of weighted Bubble Tubing® with cabinet

Custom systems also available. Contact us for more information!

**Note** : The compressor must be protected from the weather by a ventilated cabinet.

## Precautions:

- Check your local regulations regarding the use of this system as a permit may be required.
- Provide sufficient and obvious signage to warn the neighborhood of the system and the danger of drowning.



"Danger thin ice" sign on sale on our website.

## Standard Systems Available

	BBLR-50	BBLR-50NW	BBLR-100	BBLR-100NW
Compressor	½ HP double piston compressor 115 V, 4 Amps, 5.5 CFM, 50 psi 2-year warranty		¾ HP double piston compressor 115 V, 5.4 Amps, 7.4 CFM, 50 psi 2-year warranty	
Flexible feeder line	50' Torpedo Tubing 5-year warranty			
Bubble Tubing® diffuser	50' Self-sinking B.T. 1-year warranty	50' Non-weighted B.T. 1-year warranty	100' Self-sinking B.T. 1-year warranty	100' Non-weighted B.T. 1-year warranty
Also included:	Compressor base and feet (4) to reduce noise caused by vibration, 115V fan and fan guard, check valve, relief valve, manual and hardware.			