

Hot Tips for Cold days

A guide to choosing the right de-icer



Which de-icer should I buy? This is the #1 question on consumer's minds when they walk in a store. What is the answer? Here are 4 tips to ensure that you will be satisfied with your de-icer purchase:

❄ FLOATER OR SINKER – No, these aren't baseball pitches. They are de-icers as you know. Floating de-icers float on top of the water. Sinkers or submergible units rest on the bottom of the tank. If you want a semi-permanent solution, consider a Drain Plug De-Icer. It is secured in a fixed mount position and has the added benefit of the cord coming out of the bottom of the tank, unnoticed by livestock.

❄ METAL OR PLASTIC TANK – Any de-icer can be used in a metal tank. If the tank is plastic, you **MUST** use a de-icer that is SAFE for use in plastic. **All Farm Innovators de-icers** (except H-4810, H-4815) are **SAFE IN PLASTIC** without the need for a guard.

❄ COPPER OR CAST ALUMINUM – While less expensive, De-icers with copper or incoloy heating elements **MUST** have a protective guard to use in plastic. The units come with only a One (1) Year Warranty and are generally not as efficient as Cast Aluminum models. All Farm Innovators “**ICE CHASER**” Cast Aluminum De-Icers are SAFE IN PLASTIC without the use of a guard. These units carry a Three (3) YEAR Warranty. They are virtually indestructible and are much more cost efficient than the open heating element de-icers.

❄ SIZE AND TEMPERATURE – The larger the tank size and the colder the temperature, the higher wattage will be required. See our helpful cold zone chart on the reverse side.

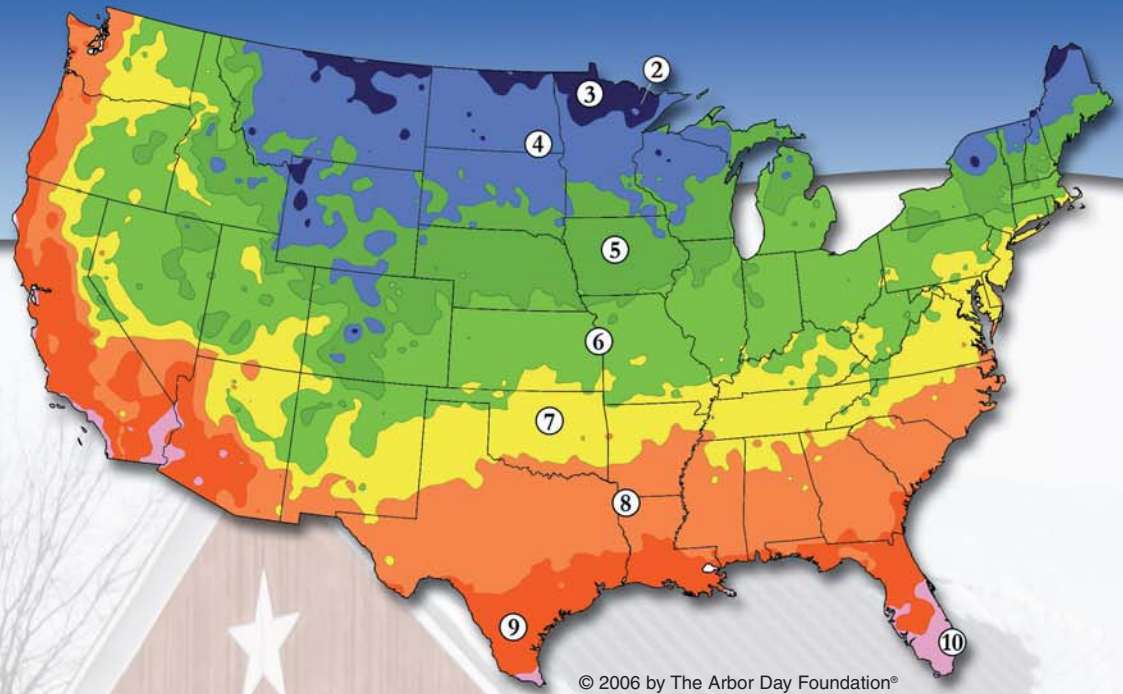
HELPFUL HINTS FROM THE MANUFACTURER

- 1 Protect your tank from the wind. The wind quickly removes the heat from the surface of the stock tank.
- 2 Refrain from using long extension cords. This will reduce the wattage (power) to the unit.
- 3 Purchase the right de-icer for your particular need.
- 4 Remove any lime build-up from the heating element with lime-away or white vinegar.
Lime build up will minimize the performance and life of the unit.
- 5 Read and follow all instructions from the manufacturer.



What You Need To Know About Stock Tank De-Icers

Select the right unit for your climate zone and tank size.



Zone Average Annual Low

- 2 -40°F through -50°F
- 3 -30°F through -40°F
- 4 -20°F through -30°F
- 5 -10°F through -20°F
- 6 0°F through -10°F
- 7 10°F through 0°F
- 8 20°F through 10°F
- 9 30°F through 20°F
- 10 40°F through 30°F

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Recommended De-Icer Wattage For Buckets, Stock Tanks And Other Containers

ZONE	5 GAL	25 GAL	50 GAL	100 GAL	200 GAL	300 GAL
2 - 3	500W	500W	1000W	1500W*	H-419	H-419
4	250W	500W	1000W	1500W*	1500W*	1500W*
5	250W	500W	1000W	1500W*	1500W*	1500W*
6 - 8	250W	250W	500W	1000W*	1500W*	1500W*

*Denotes Farm Innovators Exclusive 1250 Watt Cast Aluminum Floater Models H-418 and H-418C Can Be Used.

Choose The Farm Innovators Model That's Right For You:

Wattage	Model	Style	Application
250 Watts	C-250, H-49	Submersible	Automatic Waterers, Metal/Plastic Containers up to 25 Gal
500 Watts	C-500	Submersible	Automatic Waterers, Metal/Plastic Containers up to 50 Gal
1000 Watts	H-4815	Floater	Metal Stock Tanks up to 100 Gal
	H-439	Submersible	Metal/Plastic Stock Tanks up to 100 Gal
1250 Watts	H-418	Floater	Metal/Plastic Stock Tanks up to 300 Gal
	H-418C	Convert-Able	Metal/Plastic Stock Tanks up to 300 Gal
1500 Watts	H-4815	Floater	Metal Stock Tanks up to 300 Gal
	H-429	Submersible	Metal/Plastic Stock Tanks up to 300 Gal
	H-419	Submersible	Metal/Plastic Stock Tanks up to 300 Gal
	UPH-15	Drain-Plug	Metal/Plastic Stock Tanks up to 300 Gal
	DPH-15	Drain-Plug	Rubbermaid® Stock Tanks up to 300 Gal



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