

## FOOD-GRADE PHOSPHORIC ACID THAT IS FAST-ACTING.

- Rapid scale remover
- Highly concentrated
- For use in food areas
- Formulated for use in all makes and models of ice makers
- Functional in cubers, flakers, drum and tube machines
- NSF Registered

### Description

Liquid Ice Machine Cleaner is a 75% phosphoric acid of the highest food-grade quality. Because of its 75% phosphoric acid content, it is the most concentrated ice machine cleaner in the market. Usage rate is 3 fluid ounces with one gallon of water. The number one category of problems troubling an ice machine are water-related, and the most frequent problem is lime scale. As the water is frozen into ice during an ice maker's cycle, the naturally occurring dissolved minerals in the water, some of which can combine to form lime scale, remain behind in the unfrozen recirculating ice water simply because water tries to freeze in its pure state. As the cycle continues and more water is made into ice, the minerals over concentrate and eventually precipitate as a lime scale deposit. As the scale begins to form, it creates a physical obstruction that results in: plugged distribution holes, restricted water flow and eventually the ice maker will hang-up or jam. Ice harvest is reduced and eventually the machine will shut down, requiring service. Once the machine is scaled up, it must be cleaned, requiring the use of an acid so that the scale can be dissolved. The acid must be effective in order to dissolve the scale but it must also be food grade and equipment-safe.

### Packaging

<b>Packaging Size</b>	<b>Part Number</b>
55 gallon drum	<b>4207-01</b>
236 ml bottle (Canada)	<b>4834-C7</b>
1 gallon bottle	<b>4207-08</b>
3.78 liter bottle (Canada)	<b>4834-08</b>
8 oz bottle	<b>4207-47</b>

### Ice Machine Maintenance

## Liquid Ice Machine Cleaner



### Directions for Use

This product must be used in accordance to the following directions by HVACR professionals only.

#### DIRECTIONS FOR USE:

1. Leave ice machine pump in operation but turn off refrigeration.
2. Drain unit and refill with fresh water.
3. Add Liquid Ice Machine Cleaner to water in unit. Use 8 fluid ounces for up to 3 gallons of water, or one fluid ounce of product for every 48 fl. oz. (3 pints) of water.
4. Allow cleaner to circulate for about 30 minutes. If solution does not contact all scaled surfaces use a brush to get cleaning solution to those parts. If scale is extra heavy, another dose of cleaner may be necessary. Ice machine drums may be cleaned by adding bottle of cleaner to a glass or plastic container holding two quarts of water and brushing the solution on the scaled surfaces.
5. After scale has been removed, drain out all the water and flush thoroughly with fresh water.

NOTE: DO NOT use on nickel plated or galvanized surfaces. On these surfaces, you should use Nu-Calgon's Nickel-Safe Ice Machine Cleaner. Do not mix with chlorine bleach.