

before making ice cream



- Clean ice cream can, cover and dasher.
 Wash in hot soapy water and rinse thoroughly with hot water. Allow to cool before using.
- 2. Prepare ice cream mixture. Select any of the following recipes or your favorite mix. Chill mixture before pouring it into the cooled can.
- Prepare ice. Use crushed or cracked ice.
 Ice cubes may be used, but first they should be put in a bag and crushed with a mallet.
 The finer the ice, the smoother the texture of the ice cream.



Quantities of Ice and Salt (Rock or Table Salt) Required for Making Ice Cream in Various Size Freezers.

Size of Freezer	Ice for Making and Ripening Ice Cream	Rock Salt for Waking Ice Cream	Rock Salt for Ripening Ice Cream	Table Salt for Making loe Cream	Table Salt for Ripening Ice Cream
4 quarts	20 pounds	2% cups	235 cups	1% cups	1½ cups
6 quarts	25 pounds	3% cups	31/2 cups	2% cups	2½ cups

4. Place drain funnel in drain hole of freezer bucket. The pouring lip of the funnel must be on the out side of the bucket. Important! Remove the cork which was placed in the funnel for shipping purposes.

NOTE: Drain Funnel is only supplied on wooden and polystyrene models.

how to make ice cream



- 1. Insert dasher in can.
- Pour chilled mixture into can. Fill any mixture containing cream to only % full to allow for expansion. Sherbet or ice mixtures may be filled to a higher level, since they will not expand as much as mixtures containing cream.
- 3. Position can in freezer bucket. Make sure can is properly placed into the well in bottom of bucket. Place cover on can.
- 4. Position Motor Drive (or Hand Crank) Unit.
 - a. Raise bucket handle to carrying position.
- b. Place motor or hand-crank unit over can so that top stem of dasher engages with hole of motor drive. Rotate lid until dasher snaps into place.
- c. Depending on the type locking mechanism
- either...fit two prongs located on drive unit into two holes on freezer bucket and push handle down completely to lock drive unit in place... or, fit prongs of bucket into holes of drive unit and twist to engage prongs in narrower key slot section.



Start Motor. Plug into any 115 volt-AC outlet. NOTE: Dasher remains stationary, can revolves.



6. Packing salt and ice. Allow motor to run for approximately two (2) minutes; (at this point, in making ice cream in a 6 qt. model only, add one pint of cold tap water to bucket—this does not apply to sherbets and freezes)—then distribute about 2° of crushed ice in bottom of tub—sprinkle approx. three (3) tablespoons of salt over this layer of ice. Alternate the distribution

of ice and salt until mixture is level with top of can. As brine settles, add ice and approx. one (1) tablespoon of salt, as required.

7. Check the drain hole periodically. It must be free from obstruction in order that the brine can drain properly. A plugged hole may allow brine to seep into the can and contaminate the ice cream. A lead pencil is suitable for this purpose.





8. Allow ice cream to churn about 20 to 30 minutes or until motor slows or stops; or when hand model becomes difficult to turn. Disconnect immediately when motor stops. Motor damage can result if left on after stalling. Ice Cream will be of the consistency of whipped cream or mush when it is finished churning. . See instructions for ripening or hardening. Freezing time depends on the type of ice cream mixture used and the temperature of the mix before it is churned. If too much salt is used, the ice cream mix will freeze too rapidly, producing coarse-textured ice cream; also, an

excessive amount of salt will reduce the freezing time to the extent that a crust of frozen cream will form on the inside of the can. This will, at times, be scraped clear and transferred

to the center of the dasher . . . or may stop the dasher (stalling the motor on electric model) resulting in a 'mushy' mix in the center.

- Unplug motor. Clear away ice and salt to about 1 inch below the cover of the can. Remove motor drive unit, Wipe cover carefully before removing. Lift out dasher and scrape clean with rubber spatula.
- Prepare for hardening. Push ice cream down into can; cover can with sheet of wax paper or aluminum foil. Replace cover. Put cork into hole located in cover.



how to ripen or harden ice cream

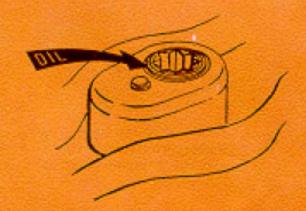


- Running the motor or turning the crank does not ripen or harden ice cream. Full ripening or hardening is obtained only when you drain off brine (salt water) through drainage hole and add salt and ice to cover can and lid completely with the mixture. Put a few newspapers on top of bucket for insulation and ripen two to three hours. The time required for hardening depends on the type ice cream mixture used.
- To ripen or harden in your Food Freezer. Ice cream may be hardened directly in the freezer can or it may be spooned into plastic containers.
 - a. To ripen in the freezer can. Remove can from freezer bucket. Push ice cream down into can and cover with a sheet of waxed paper or aluminum foil. Replace cover and put cork into hole located in cover.
 - b. To ripen in plastic containers. Spoon ice cream into containers, allowing at least ½ inch of space at the top for expansion. Push ice cream down into containers and cover with a tight fitting lid.

how to care for your ice cream freezer

- Wash can, cover and dasher in hot scapy water. Rinse and dry thoroughly. Do not replace cover until can is thoroughly dried.
- Clean motor and bucket with a damp cloth after each use. Do not immerse motor in water.
- 3. Oil motor after each use. Place drop of oil on motor drive sleeve. See illustration.

NOTE: Wooden buckets may leak if dried through lack of use. To prevent leaking, soak in water until staves swell and become water tight.



These recipes make four quarts of ice cream and will serve about 12 to 16 people. Two quarts may be made satisfactorily by reducing the recipes by one-half. For 6 quarts, increase recipe by one-half. Best results are attained by making at least half a freezer full, but it is possible to make as little as one quart.

COUNTRY VANILLA ICE CREAM

No cooking! Just eggs to beat and milk to measure. Ice cream to bring back memories of Sunday afternoons long ago.

4 eggs 4 cups heavy cream
21/4 cups sugar 41/2 teaspoons vanilla
5 cups milk 1/2 teaspoon salt

Add sugar gradually to beaten eggs. Continue to beat until mixture is very stiff. Add remaining ingredients and mix thoroughly. Pour into gallon freezer and freeze as directed.

PHILADELPHIA ICE CREAM

A rich Vanilla Ice Cream that is easy to make.

10 cups light cream 2 tablespoons vanilla 2 cups sugar ¼ teaspoon salt

Pour cream into gallon freezer, Gradually add sugar, stirring constantly until sugar is dissolved. Stir in vanilla and salt, Freeze as directed.

VANILLA ICE CREAM

(Custard Base)

The custard takes a little more time and effort, but a smooth textured cream is the reward.

2¼ cups sugar

6 eggs

6 tablespoons flour

4 cups heavy cream* 4½ teaspoons vanilla

5 cups milk, scalded

1/2 teaspoon salt

*For extra rich ice cream use all cream and omit milk

Combine sugar, flour and salt in saucepan. Slowly stir in hot milk. Cook over low heat for about 10 minutes, stirring constantly until mixture is thickened. Mix small amount of hot mixture into beaten eggs. Add to hot mixture and cook 1 minute longer. Chill in refrigerator. Add cream and vanilla. Pour into gallon freezer.

CUSTARD ICE CREAM

Another version of custard. Not so sweet, it is perfect served with sauces.

5 eggs, slightly beaten 6 cups milk, scalded 1½ cups sugar 4 cups heavy cream 2 tablespoons vanilla

Combine eggs, sugar and salt in saucepan. Pour hot milk over egg mixture carefully, stirring constantly. Cook over low heat until mixture coats a spoon. Chill in refrigerator. Stir in cream and vanilla.

CHOCOLATE ICE CREAM

A rich deep chocolate flavored ice cream. The custard takes a little more time, but if chocolate is your favorite, you will find it worth every minute.

5 squares unsweetened chocolate, melted

5 cups milk 2½ cups sugar

5 tablespoons flour

36 teaspoon salt

4 eggs, slightly beaten

5 cups cream

2 teaspoons vanilla

Scald milk over low heat. Stir in melted chocolate. Combine sugar, flour and salt in a bowl; add eggs and mix well. Pour hot milk over egg mixture carefully, stirring constantly. Cook over low heat until mixture coats a spoon. Chill in refrigerator. Stir in cream and vanilla.





CHOCOLATE CHIP-MINT

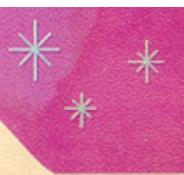
A smooth velvety ice cream with a different flavor. It's made with evaporated milk, yet tastes just like it was prepared with pure cream.

4 eggs 1 2 cups sugar ¼ teaspoon salt 1 6¾ cups evaporated milk (4-13 ounce cans)

1½ cups grated milk chocolate 1½ teaspoons mint extract

Add sugar gradually to beaten eggs and continue to beat until stiff. Stir in remaining ingredients.





COFFEE ICE CREAM

This is an extra rich ice cream with a true coffee flavor.

4 teaspoons instant coffee

2½ cups sugar

1/4 teaspoon salt

2 tablespoons flour

2½ cups milk

2½ cups coffee

6 egg yolks, slightly beaten

5 cups heavy cream

5 teaspoons vanilla

34 cup liqueur (optional)

Combine instant coffee, sugar, salt and flour in a saucepan. Gradually pour in milk and coffee, stirring constantly; cook over low heat until slightly thickened. Pour some of the hot mixture over the eggs and blend well. Add to hot mixture; continue to cook 1 minute longer, Chill in refrigerator. Stir in cream and vanilla.

VANILLA ICE MILK

Try this delicious, economical dessert that is not guite as rich as ice cream.

6 eggs

2 quarts milk

2 cups sugar

2 tablespoons vanilla

1/4 teaspoon salt

Beat eggs thoroughly. Add sugar gradually and continue to beat until mixture is very stiff. Stir in remaining ingredients.



TROPICAL FREEZE

A refreshing combination of fruit with bananas to assure a smooth texture.

2 cups water

1 cup orange juice

3 cups sugar

1/2 cup lemon juice

35 teaspoon salt

3 cups mashed bananas

3 cups water

(about 8 bananas)

Combine 2 cups water, sugar and salt in saucepan; bring to a boil. Cool. Add additional water, orange and lemon juice, and mashed bananas. Freeze as directed.

STRAWBERRY SHERBET

This sherbet has a delightful fresh strawberry flavor. Try a scoopful in a glass of gingerale for a special treat.

6-10 ounce packages frozen, sweetened 2 cups milk

1/2 cup orange juice strawberries, thawed 1/2 teaspoon cinnamon

Puree strawberries and strain through a sieve to remove seeds. Combine them with remainder of ingredients and freeze as directed. Makes about 3 quarts.



ORANGE-PINEAPPLE SHERBET

Try this low calorie dessert. Each serving (½ cup) contains only 69 calories.

- 2-6 ounce cans frozen, unsweetened pineapple juice concentrate
- 3-6 ounce cans frozen, unsweetened orange juice concentrate
 - 5 cups water
 - 4 tablespoons SucaryIII
 - 1 cup nonfat dry milk

Combine all ingredients in a large mixer bowl. Beat on low speed about 5 minutes, or until dry milk is mixed in. Then beat on high speed until mixture is thick and foamy, about 5 minutes. Freeze according to directions.



LEMON ICE

Top a fresh fruit salad with a scoop of Lemon Ice. Refreshing!

2 cups water 3 cups sugar 1¼ cups lemon juice 2 teaspoons lemon rind 4 teaspoon salt 8 cups water

Combine 2 cups of water and sugar in a saucepan. Bring to a boil. Chill in refrigerator before adding remainder of ingredients. Freeze as directed.



FRESH FRUIT ICE CREAM

Fruit and cream frozen together to be made any time of the year with fresh fruit in summertime and frozen fruit in wintertime. Use Country Vanilla Ice Cream recipe. Substitute 4 cups puree sweetened fresh fruit—peaches, strawberries or raspberries—or 3-12 ounce packages frozen fruit, thawed and mashed, for 4 cups of milk in the recipe. Reduce sugar in the recipe to 1½ cups. Use 1 teaspoon vanilla and 1½ teaspoons almond flavoring if desired. Freeze as directed.

EASY CHOCOLATE

A snap for even the novice. Chocolate syrup sweetens and flavors. Use Country Vanilla Ice Cream recipe. Reduce the sugar to ½ cup and the milk to 3 cups. Add 3 cups chocolate syrup to the recipe.

Other Variations

Add your favorite candy or nuts to the vanilla ice cream of your choice. Let your imagination be the only limit.

PEPPERMINT CANDY ICE CREAM

Prepare any vanilla ice cream recipe. Churn for about 15 minutes or until the ice cream has frozen to a mushy consistency. Add 1½ cups crushed peppermint stick candy and continue freezing as directed.

NUT BRITTLE ICE CREAM

Prepare any vanilla ice cream recipe. Churn for about 15 minutes or until the ice cream has frozen to a mushy consistency. Add 2 cups crushed nut brittle and continue freezing as directed.

CHOCOLATE CHIP

Prepare any vanilla ice cream recipe. Churn for about 15 minutes or until the ice cream has frozen to a mushy consistency. Add 1% cups grated or chopped semi-sweet chocolate and freeze as directed.

EGG NOG ICE CREAM

Substitute 1½ to 2 tablespoons rum flavoring for the vanilla in any vanilla ice cream recipe. Add 1½ teaspoons nutmeg and freeze as directed.









BUTTER-NUT ICE CREAM

Saute 2 cups chopped pecans, almonds or walnuts in 3 tablespoons butter. Cool. Prepare any vanilla ice cream recipe. Churn for about 15 minutes or until the ice cream has frozen to a mushy consistency. Add chopped nuts and continue freezing as directed.





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Guarantee

All Proctor-Silex Ice Cream Freezers (except cord and plug) are guaranteed to be free from mechanical or electrical defects for one year from the date of purchase, provided that they are used on electrical circuits as specified on the appliance and not used commercially.

Should repairs be necessary, take or send your freezer to the nearest authorized service center (see list enclosed) . . . do not send to factory.

