

The elevation of the receiving platform, above the floor of the apartment containing the separators, should be sufficient to allow the milk to run from the receiving vat to the separator, after passing through the heater, and the cream to fall into the cans after passing through the cooler.

The highest separators are about 4 feet 4 inches in height, the platform should therefore be at least 5 feet high as it is better to raise the separator slightly above the floor on account of the cooler. This height will vary according to the machines that are employed. The tendency is always to reduce the height. It is better to slightly increase it. A height of at least 5 feet is therefore recommended.

When a heater, requiring a greater difference between the level of the reception vat and the separator, is used, there need be no hesitation in increasing the elevation of the platform; when a lower separator is used the elevation may be lessened; this elevation therefore depends entirely upon the machines which are in use.

Whatever it may be, admitting that the height in question is from five to six feet, the height from the platform to the ceiling should be about six feet which would bring the full height of the apartment to 11 or 12 feet. In any case we would recommend at least 12 feet so as to have a sufficient height in the rooms above the refrigerators.

Dimensions of the rooms—The sizes of the rooms vary according to the importance of the creamery. They must be sufficiently large so that the machines will not inconvenience the butter maker in carrying on his work. The sizes of these apartment vary considerably according to the ideas of each individual. Nevertheless, based upon the dimensions most generally adopted, the following are recommended :

CREAMERY SMALL SIZE, 5,000 TO 10,000 LBS OF MILK PER DAY.

Apartment for separators	25'	x	18'
Apartment for working the butter.	25'	x	15'
Ice house	18'	x	20'
Refrigerating rooms.	10'	x	20'
Boiler room.....	10'	x	15'
Height of the rooms.	12'	to	14'

CREAM

Apartment
Apartment
Ice house
Refrigerating
Boiler room
Height

