

# COMPACT CHILLERS



**MUELLER**<sup>®</sup>

THE MILK COOLING SYSTEMS SPECIALISTS<sup>™</sup>

# Mueller® Compact Chillers

Eliminate or Reduce Refrigeration on Your Milk Cooler!

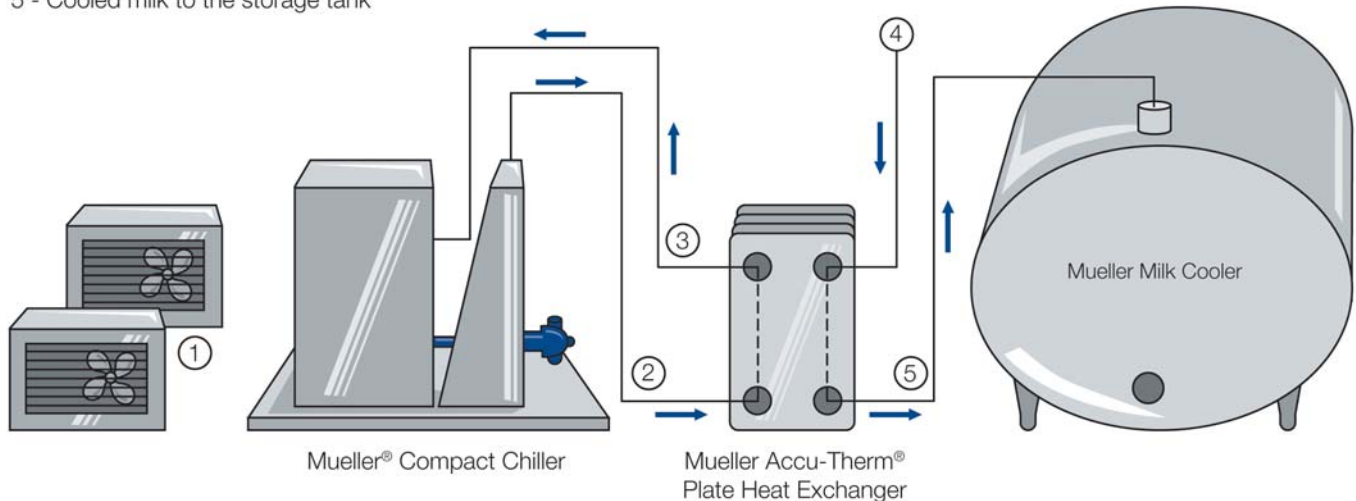


When you use a Mueller® compact chiller in conjunction with a Mueller Accu-Therm® plate heat exchanger you can either instant cool or precool your milk, depending on the milk flow.

Mueller's compact chiller cools a glycol solution that is circulated through the plate heat exchanger, which cools the milk and warms the chilled water. The chilled water is then returned to the reservoir to start the chilling cycle over.

## Refrigeration and Water Flow Diagram

- 1 - Refrigeration units for chiller
- 2 - Cold chiller water to the plate heat exchanger
- 3 - Return water to the chiller
- 4 - Warm milk to be cooled
- 5 - Cooled milk to the storage tank



## Features and Benefits

### Compact Chiller

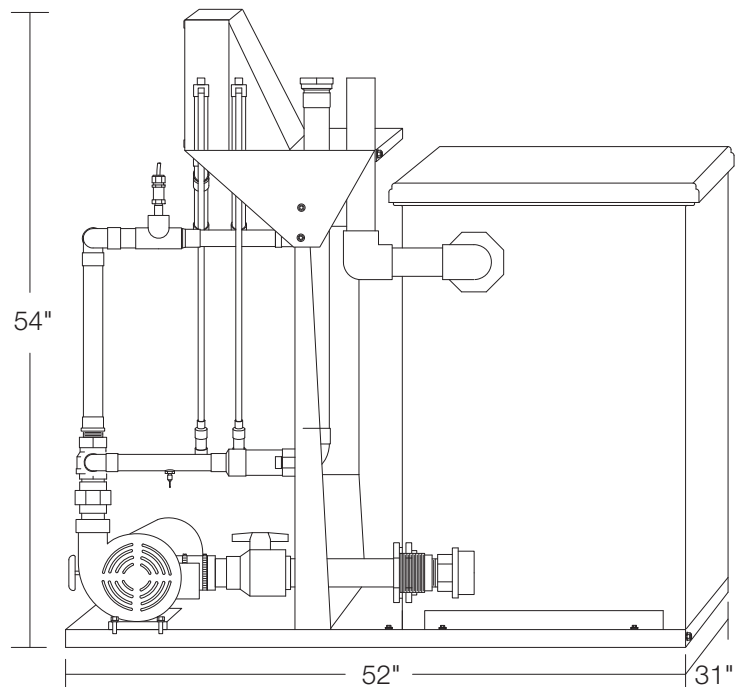
- Compact design requires less than 14 square feet of space.
- Designed to cool varied milk flow.
- Low operating cost — refrigeration unit operation is only required while milking.
- Factory assembled to reduce installation cost.

### System

- 90-gallon insulated reservoir.
- 3 hp circulator pump.
- Dual flow switches.
- Two evaporator heat exchangers.
- Control cabinet with temperature controls, on/off switch, circulator pump contactor, and remote start capability.

## Sizes and Dimensions

Model No.	Heat Exchangers	Condensing Units
CP2-10	2	(2) 5 HP HiPerForm®
CP2-20	2	(2) 10 HP Thermal Expansion Valve





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