COMPACT CHILLERS

MUELLER

THE MILK COOLING SYSTEMS SPECIALISTS™

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.

Paul Mueller Company'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.

Features and Benefits

Compact Chiller

- 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.

Dan Sponsler,
Crafting Mueller
Products Since 1988

Refrigeration and Water Flow Diagram

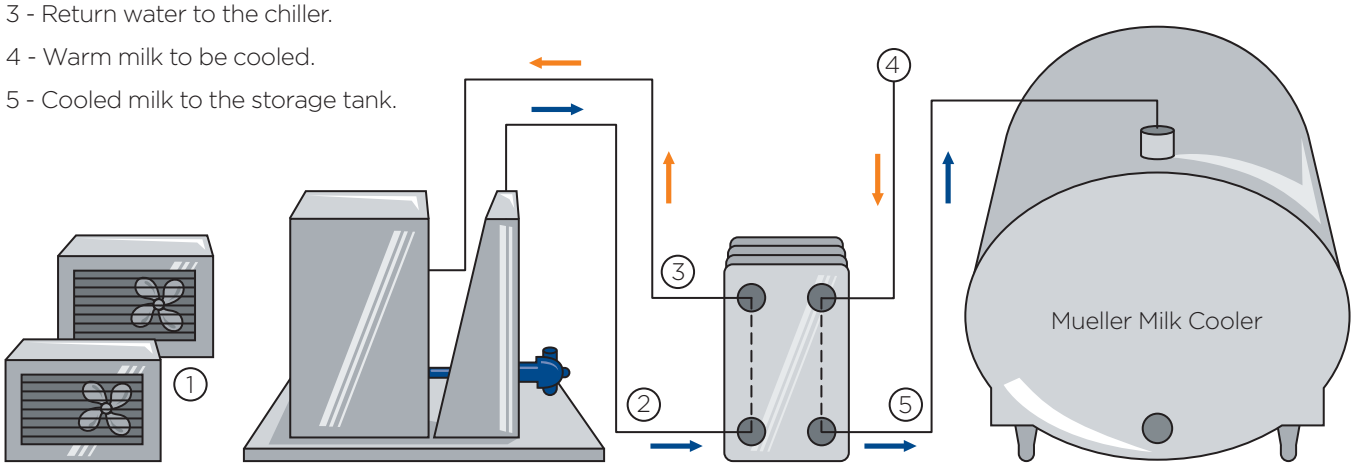
1 - Refrigeration units for chiller.

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.



Mueller Compact Chiller Specifications

Model No.	Heat Exchangers	Condensing Units	Length (in)	Width (in)	Height (in)
CP2-10	2	(2) 5 HP	52	31	54
CP2-20	2	(2) 9 HP	52	31	54

Mueller Multi-Stage Chiller Control

- Programmable, 24-volt electronic temperature control with dual digital temperature displays and sensors.
- Up to 10 independent stages of refrigeration control, including heat/cool modes and independent setpoints.
- High- and low-temperature alarms.
- Chilled water flow alarm.
- Fused control circuit.
- Starter/contactor for recirculation pump.
- Remote start compatibility.
- Touch pad programming.

Visit dfe.paulmueller.com to see all of our *COOL* products!

MUELLER

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MC-230-8