



MUELLER

MUELLER CHILLER
C5 - C210

SPECIFICATIONS

Model	C5	C12	C18	C38	C58	C75	C100	C130	C185	C210
Cool-capacity kW	5,5	12,2	18,8	37,6	57,6	75,2	98,0	132,4	185,2	212,2
Compressor	Rotatie	Rotatie	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
Compressor amount	1	1	1	2	2	4	4	4	4	4
Amount refrigerant circuit	1	1	1	2	2	2	2	2	2	2
Type expansion valve	Mechanical	Mechanical	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic
Proces water-connector	1"	1"	1 1/2"	2"	2"	65 mm	65 mm	125 mm	125 mm	125 mm
Tank capacity Liter	50	110	270	410	410	390	390	390	500	390
Length mm	820	1010	1610	2220	2220	3355	3355	4355	5350	5350
Width mm	615	720	860	1100	1100	1105	1105	1105	1105	1105
Hight mm	1360	1580	1540	2100	2100	2180	2180	2180	2180	2180
Total weight empty Kg	175	230	390	740	785	1225	1310	1850	2270	2730

The specifications apply to an ambient temperature of -10 °C to +35 °C (max 41 °C) with refrigerant 410A. With deviating ambient temperatures, please contact your contact person.

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MUELLER IN-LINE COOLING

Use the Mueller Chiller for a better milk quality and cooling of large amounts of milk. When you use the Mueller Chiller in combination with a Mueller heat exchanger you can either instant cool or pre-cool your milk, depending on the milk flow. The Mueller Chiller cools a glycol solution that flows through the plate heat exchanger and cools the milk. The cooling water then returns to the reservoir, with which the cooling cycle is complete.



FEATURES

- Durable
- Energy-efficient compressor
- Circulation pump adjusted to milk flow
- Insulated water reservoir
- Protected against freezing by glycol
- Built-in control unit for condensing units complete with temperature control, circulator pump contractor, ON/OFF switch and remote start capability
- Anti-shuttle monitoring compressor
- Sight glass / and electronic expansion valve
- Electrical connection: 400 Vac 50Hz 3-phase

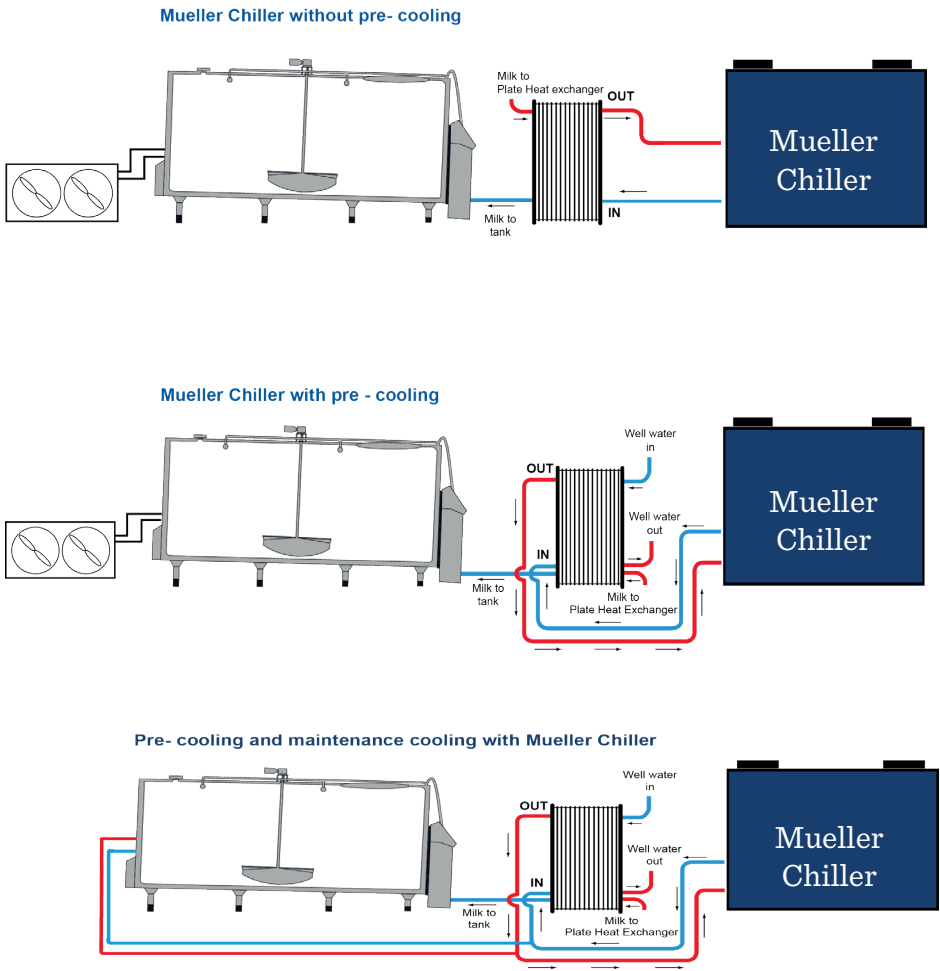
BENEFITS

- Simple design, easy to install
- No technical cooling actions needed
- Designed for outdoor setup
- In addition to pre-cooling, possibility to cool the milk directly to 4 °C prior entering cool tank
- Positive influence of milk quality entering the tank
- Large milk flows quickly cooled
- Plate heat exchanger available with 2 circuits: pre cooling and glycol solution in one
- Able to split power supply per compressor and number of pumps
- Including winter control and regulator for extreme weather conditions is available

PLATE HEAT EXCHANGER

Separate plate heat exchanger supplied for on-site connection:

- Stainless steel AISI316.
- Model for wall as for floor mounted available
- Other capacitites available for your specific situation



MUELLER - OFFERING HIGH QUALITY AND EFFICIENT MILK COOLING SOLUTIONS

For more than 70 years, Mueller has been building milk cooling systems. And our hard work paid off: we have become one of the world's largest suppliers. Our products are chosen by more dairy farmers throughout the world than any other brand. For the reason that we are giving them the assurance of optimum storage and cooling of milk on their farms. With a Mueller milk cooling system dairy farmers have an absolute guarantee of product quality, reliability, business continuity and sustainability.