

AVALANCHE® CHILLERS



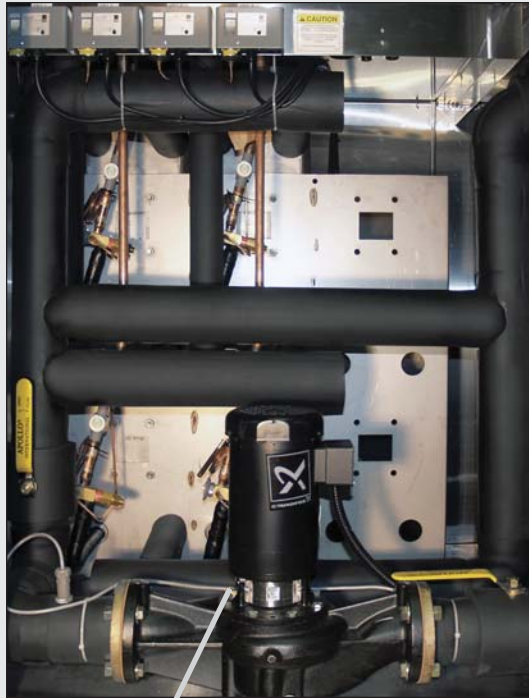
MUELLER®

THE MILK COOLING SYSTEMS SPECIALISTS™

MUELLER® AVALANCHE® CHILLERS

The Latest in Chiller Technology Keeps the Large Dairy Farmer in Mind!

Internal View



- **Polished stainless steel cabinet and base**
Cabinet covers are removable for easy access.
- **Insulated stainless steel storage tank**
Insulated, 300-gallon stainless steel tank, measured to the center of the plate heat exchanger return, with external liquid level sight gauge, filtered vent/fill, and 2" drain.
- **Heavy-duty pumps**
Heavy-duty 2 hp recirculation and 5 hp PHE pump with tungsten carbide seals, isolation valves, suction strainer, flange connections, and flow switch.
- **Flange connections***
ANSI 3" flange, four bolt, 125 psi rated, flange connections for PHE inlet and outlet.
- **Stainless steel evaporators**
Heavy-duty stainless steel evaporators with refrigerant sight glass and expansion valve installed on each evaporator.

Notes:

**Three-inch field installation mating flanges not included. All field piping must be 3" minimum in size. The system is designed for total maximum head of 37 feet.*

**Dual
Circulation
Pumps**



Rear View

Avalanche Features and Specifications



Pre-Wired Electrical Control Panel

- Controls and pump for all models are 208-230/60/3 or optional 460/60/3.
- Programmable, 24-volt electronic temperature control with digital temperature display.
- Up to ten independent stages of refrigeration control, including heat and cool modes and independent set points.
- Freeze protection safety control, pressure operated.
- High temperature and low temperature alarms.
- Chilled water flow alarm.
- Fused control circuit.
- Starter for 2 hp recirculation pump and 5 hp plate heat exchanger pump.
- Remote start compatibility.
- Touch pad programming.

Avalanche Specifications

Model No.	Horsepower	Length	Width	Height	Approximate Shipping Weight
AVA 60-15	60/80	108"	54"	58"	2,000 lbs.
AVA 90-15	90/120	108"	54"	58"	2,000 lbs.
AVA 120-30	100/120	108"	54"	58"	2,000 lbs.
AVA 180-30	150/180	108"	54"	58"	2,000 lbs.
AVA 160-40	140/160	108"	54"	58"	2,000 lbs.
AVA 240-40	210/240	108"	54"	58"	2,000 lbs.

Notes:

- The AVA 60-15 and AVA 90-15 models are designed to be used with 15 or 20 hp Mueller large horsepower air-cooled or water-cooled units and include expansion valves.
- The AVA 120-30 and AVA 180-30 models are designed to be used with 25 or 30 hp Mueller large horsepower air-cooled or water-cooled units and include expansion valves.
- The AVA 160-40 and AVA 240-40 models are designed to be used with 35 or 40 hp Mueller large horsepower air-cooled or water-cooled units and include expansion valves.

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