

# AVALANCHE® CHILLERS

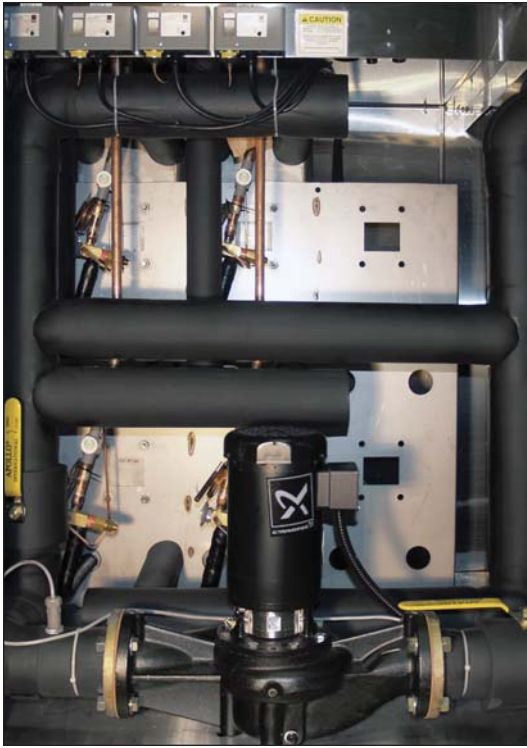


**MUELLER**®

THE MILK COOLING SYSTEMS SPECIALISTS™

# Mueller® Avalanche® Chillers

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



Internal view.

## Features and Benefits

- Polished stainless steel cabinet with removable covers for easy access.
- Heavy duty stainless steel base.
- Insulated, 300-gallon<sup>1</sup> stainless steel storage tank with external liquid level sight gauge, filtered vent/fill, and 2" drain.
- Heavy-duty 5 hp pump with Tungsten carbide seals, isolation valves, suction strainer, flange connections, and flow switch.
- ANSI 3" flange, four bolt, 125 psi rated, flange connections<sup>2</sup> for PHE inlet and outlet.
- Heavy-duty stainless steel evaporators with refrigerant sight glass and expansion valve installed on each evaporator.



<sup>1</sup> Measured from the bottom of tank to the center of the tank's plate heat exchanger return fitting.

<sup>2</sup> Three-inch field installation mating flanges are not included. All field piping must be 3" minimum in size. The system is designed for total maximum head of 37 feet.



Rear view.

## Pre-Wired Multi-Stage Control Panel

- 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.
- Freeze protection safety control, pressure operated.
- High- and low-temperature alarms.
- Chilled water flow alarm.
- Fused control circuit.
- Starter for 5 hp recirculation pump.
- Remote start compatibility.
- Touch pad programming.
- Control and pump voltage options: 208-230/60/3 or 460/60/3. (50 Hz options are available on request.)



### Mueller Avalanche Specifications

Model	Horsepower	Length	Width	Height	Approximate Shipping Weight
AVA 60-10	60	94 $\frac{3}{8}$ "	54"	58"	2,000 lbs.
AVA 90-15	90/120	94 $\frac{3}{8}$ "	54"	58"	2,000 lbs.
AVA 180-30	150/180	94 $\frac{3}{8}$ "	54"	58"	2,000 lbs.
AVA 240-40	210/240	94 $\frac{3}{8}$ "	54"	58"	2,000 lbs.

- The AVA 60-10 model is designed to be used with 10 hp Mueller E-Star® air-cooled units.
- The AVA 90-15 model is designed to be used with 15 or 20 hp Mueller large horsepower air-cooled or water-cooled units.
- The AVA 180-30 model is designed to be used with 25 or 30 hp Mueller large horsepower air-cooled or water-cooled units.
- The AVA 240-40 model is designed to be used with 35 or 40 hp Mueller large horsepower air-cooled or water-cooled units.
- All models include factory installed expansion valves.



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