

# AVALANCHE® HIPERFORM®



**MUELLER**

THE MILK COOLING SYSTEMS SPECIALISTS™

# Mueller® Avalanche® HiPerForm® Chillers

*The Cool Solution You've Been Waiting For!*

The electronic HiPerForm® technology that places Mueller® milk cooling equipment above the competition is now available on large discus compressors. Enjoy Paul Mueller Company's HiPerForm efficiencies on a larger scale with the Avalanche® HiPerForm chiller, available in 15 and 35 horsepower sizes.

Mueller Avalanche HiPerForm chillers feature electronic valve control (EVC). Multiple times per second the EVC collects system pressures and temperatures to determine just the right flow of refrigerant at the right time. This feature provides instantaneous crucial control of the refrigeration system, ensuring every second of cooling efficiency as your milk flow changes between groups. Couple this chiller with a remote condenser and pump skid for quick and easy installation.



*Mike Schmidt,  
Mueller employee  
since 2002*



## Features and Benefits

- Chiller skid dimensions: 60" L x 38.75" W x 64" H.
- Chiller shipping weight: 1,073 lbs. for 15 hp and 1,375 lbs. for 35 hp.
- Copeland Discus compressor, 15 or 35 hp.
- Single-point electrical service connections.
- Built in over-current protection.
- Compressor contactor installed in enclosure.
- Remote start capability grants control to the chiller inside the milk house, preventing that unnecessary trip to the utility room.
- Oil pressure safety control mounted and wired.
- Dual pressure control mounted and wired.
- Freeze protection safety control, pressure operated.
- Capacity control provided by a single unloader on 15 hp and a dual unloader on 35 hp, mounted and wired.
- Brazed plate evaporator, electronic subcooling valve, and accumulator/heat exchanger installed.
- Brazed plate evaporator has 2" water connections.
- Remote alarm indication.

## Mueller Multi-Stage Chiller Control

- Programmable, 24-volt electronic temperature control with dual digital temperature displays and sensors.
- Up to 10 independent programmable 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.
- Recirculation pump overload and starter.
- Remote start compatibility.
- Touch pad programming.
- Control and pump voltage options:  
208-230/60/3 or 460/60/3  
(50 Hz options available on request).



**Visit [dfe.paulmueller.com](http://dfe.paulmueller.com) to  
see all of our *COOL* products!**

**MUELLER**

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