

# MODEL "LS" CHILLERS



**MUELLER**<sup>®</sup>

THE MILK COOLING SYSTEMS SPECIALISTS™

# MUELLER® MODEL “LS” CHILLERS

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

The Mueller® Model “LS” Chiller is designed for ease of operation and installation. Mueller® has taken its proven chiller technology a step further with the new and improved Model “LS” Chiller design. The Model “LS” Chiller is one of the most energy-efficient cooling systems in the world. It utilizes a high-quality Scroll or Discus compressor which saves energy and reduces electrical costs. Best of all, it's manufactured by Mueller!



The Model “LS” Chiller, in conjunction with an Accu-Therm® plate heat exchanger, can be used for either instant cooling or heavy pre-cooling, depending on the dairy needs.

Bacteria growth inhibition and assurance of higher quality milk can be achieved via the rapid cooling of the Model “LS” Chiller and Accu-Therm package.

## *Model “LS” Chiller Features and Benefits*

- **All stainless steel construction.** Durable, polished stainless steel cabinet to prevent corrosion and contamination. Large removable covers for easy accessibility.
- **Stainless steel insulated storage tank.** 130-gallon capacity which includes external sight glass to indicate fluid level and 20-mesh screen on the outlet to prevent particles from entering the pump and heat exchanger.
- **Efficient stainless steel evaporator.** Engineered for 5-degree approach temperatures for increased refrigeration capacity and fast, efficient cooling.
- **Digital temperature indicator.** Discharge water monitored, controlled, and displayed for operator interface.
- **Compact design.** Easy-to-install, flexible design allows for expansion and growth.
- **Starter protection for pump.** Factory-installed, high-volume pump, pre-wired with manual reset overload protection.
- **Multi-stage control.** Energy efficient cooling includes 10 independent stages. Simultaneously monitors 2 system temperatures. High- and low-temperature alarms. Front panel programmability.
- **Three-inch flange connections.** All water circulation lines are 3-inch copper with 150#, 4-bolt, 3-inch flange connections.
- **Manufactured exclusively by Paul Mueller Company.** Quality assured. Customer satisfaction guaranteed.

## Model "LS" Chiller Specifications

Model	Part No.	HP	FLA	Voltage	Condensing Unit Requirements	Length (in)	Width (in)	Height (in)	Shipping Weight (lb)
LS20-5	8824501	20	17	208-240/60/1	(4) 5 hp Scroll remote condensing units	92	51	42	1,500
LS20-10	8824252	20	9	208-240/60/3	(2) 10 hp Scroll remote condensing units	92	51	42	1,500
			4.5	460/60/3					
LS30-10	8824253	30	9	208-240/60/3	(3) 10 hp Scroll remote condensing units	92	51	42	1,500
			4.5	460/60/3					
LS40-10	8824254	40	9	208-240/60/3	(4) 10 hp Scroll remote condensing units	92	51	42	1,500
			4.5	460/60/3					
LS30-15	8824502	30	9	208-240/60/3	(2) 15 hp Discus remote condensing units	92	51	42	1,500
			4.5	460/60/3					
LS45-15	8824503	45	9	208-240/60/3	(3) 15 hp Discus remote condensing units	92	51	42	1,500
			4.5	460/60/3					
LS60-15	8824504	60	9	208-240/60/3	(4) 15 hp Discus remote condensing units	92	51	42	1,500
			4.5	460/60/3					
LS60-30	8824255	50/60	9	208-240/60/3	(2) 25 hp or (2) 30 hp Discus remote condensing units	92	51	42	1,500
			4.5	460/60/3					
LS90-30	8824256	75/90	9	208-240/60/3	(3) 25 hp or (3) 30 hp Discus remote condensing units	92	51	42	1,500
			4.5	460/60/3					
LS120-30	8824329	100/120	9	208-240/60/3	(4) 25 hp or (4) 30 hp Discus remote condensing units	92	51	42	1,500
			4.5	460/60/3					



**MUELLER**<sup>®</sup>

P.O. Box 828 • Springfield, Missouri 65801-0828, U.S.A.

DFE Internal Sales: 1-888-645-5826 • Phone: (417) 575-9000 • 1-800-MUELLER

Fax: (800) 436-2466 • [www.muel.com](http://www.muel.com) • E-mail: [dairyfarm@muel.com](mailto:dairyfarm@muel.com)