

# E-LATION™ Package Chillers



Cooling  
the World's  
Milk

MUELLER

# E-LATION™

Since 1955, Paul Mueller Company has been a trusted leader in milk cooling and storage solutions. As the dairy industry evolves, Mueller® consistently influences advancements, ensuring the dairy supply chain operates efficiently and reliably. Introducing Mueller E-LATION™, a product designed, developed, and delivered to uphold our legacy of excellence in dairy equipment and serve your dairy for many years.

We meticulously crafted E-LATION to meet the unique demands of the dairy industry while prioritizing the needs of our certified Mueller dealers. Recognizing the dealer's pivotal role in maintaining your dairy's operations, Mueller engineered the E-LATION to streamline installation, servicing, and maintenance processes. This approach ensures that your dairy remains operational and efficient with minimal downtime.



## Features and Benefits

- Built on the 15-horsepower E-Star® HiPerForm® platform (460 volts, 3 phase, 60 hertz).
- Universal sizes from 60 through 240 HP.
- Mueller Chill™ control connected to MuellerSecure™.
- Plug-and-play design for easy chiller installation requiring minimal plumbing and wiring.
- Sized for a wide range of operating conditions from 0° to 110°F.
- E-LATION is built with existing components using the MuellerSecure platform, so servicing your equipment is a simple, familiar, and straightforward process.
- Hefty 1,000-gallon propylene glycol reservoir (minimum 500 gallons) for the E-Series.
- Automatic compressor rolling starts that rotate with “milk switch.”
- Copeland Scroll 15-HP compressors.
- E-Star HiPerForm with electronic valve control delivers precise and instantaneous refrigerant control.
- Chiller system advanced alarms and alerts with MuellerSecure technology via texts and emails.
- Factory charged with R-448a refrigerant.
- Two 5-HP glycol process pumps and two 5-HP glycol chiller pumps for automatic redundant glycol pump control.
- Two glycol loop system (process and chiller).
- Remote start capability.
- Indoor or outdoor installation options.
- Add-on chiller connection flanged ports.



# E-LATION Specifications

Model	Part Number	HP	Number of Refrig. Circuits/ Evaporators	Voltage	Hz	FLA	Minimum Circuit Ampacity	Max. Fuse Size	Glycol Connection (in)	Flow Range (gpm)	Head Range (ft)	Btu/hr <sup>1</sup>
EN-60	8829817	60	4/4	460/60/3	60	147.8	184.8	350	3"	100-300	35-65	520,000
EN-90	8829816	90	6/6	460/60/3	60	218.4	273	500	3"	100-300	35-66	780,000
EN-120	8829815	120	8/8	460/60/3	60	289	361.3	700	3"	100-300	35-67	1,040,000
E-60	8829201	60	4/4	460/60/3	60	154.4	193	350	3"	100-300	35-68	520,000
E-90	8829203	90	6/6	460/60/3	60	225	281.3	500	3"	100-300	35-69	780,000
E-120	8829813	120	8/8	460/60/3	60	295.6	369.5	700	3"	100-300	35-70	1,040,000

<sup>1</sup>Based on compressor manufacture's data at 20°F SST and 100°F CT. Actual Btu/hr output and energy usage may vary depending on field conditions.

Model	Height (in)	Depth (in)	Width (in)	Weight <sup>2</sup> (lb)
EN-60	111	95	148	5,500
EN-90	111	95	213	7,900
EN-120	111	95	278	10,300
E-60	111	95	182	7,200
E-90	111	95	247	9,600
E-120	111	95	312	12,000

<sup>2</sup>Actual weights may vary.



Glycol 55-Gallon Drum:  
Part Number 8829447

Glycol 275-Gallon Tote:  
Part Number 8829448

## E-Star<sup>®</sup> 15 HP Module

We built the E-LATION on the robust Mueller E-Star HiPerForm 15-horsepower chiller module platform, renowned for its reliability and efficiency. With removable and interchangeable chiller modules, expanding your chilling capacity or refurbishing units has never been easier. These modules can be added or replaced in under an hour, minimizing downtime and maximizing productivity.

Since the early 1990s, the E-Star has been a cornerstone in the dairy industry, delivering proven performance and unmatched reliability. Trust in E-Star to continue providing exceptional service for your dairy operation.



E-Star (15 HP, 460 volt, 3-phase):  
Chiller Module Part Number 8829702  
Standalone Unit Part Number 8829874

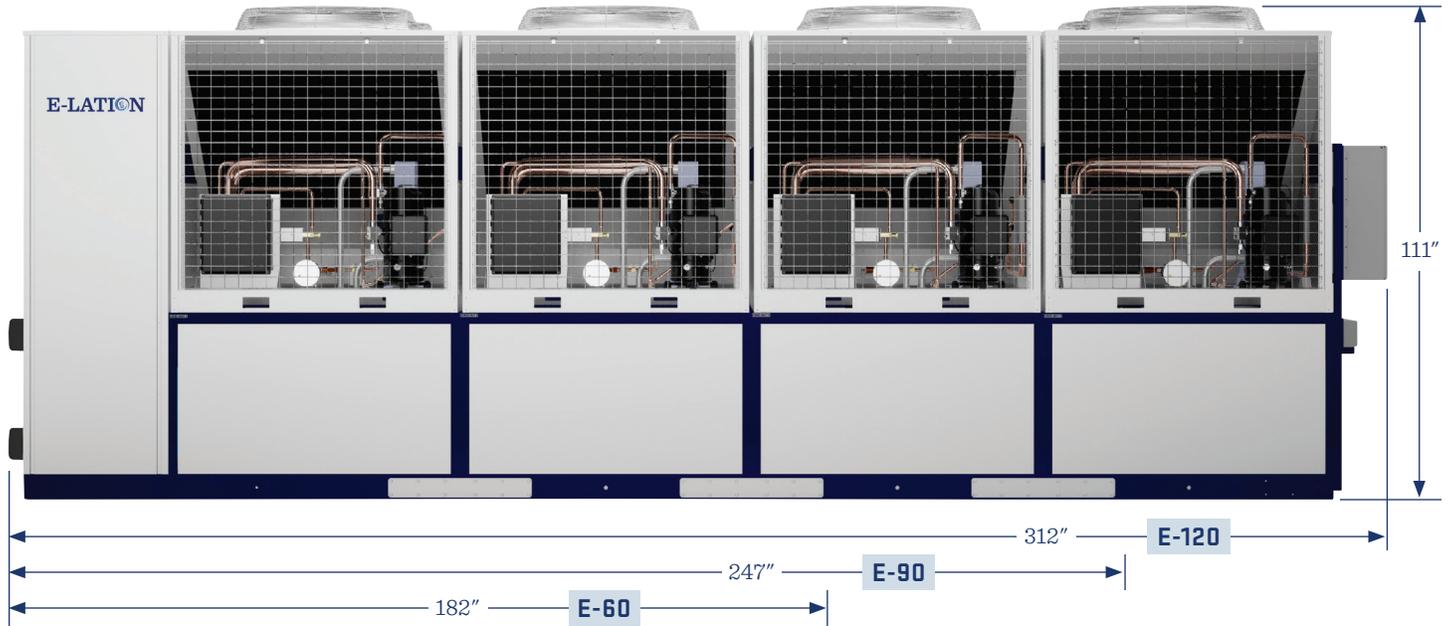
Model	Part Number	HP	Voltage	Hz	FLA	Min. Circuit Ampacity	Max. Fuse Size	Btu/hr <sup>3</sup>	Btu/hr <sup>4</sup>	Width (in)	Depth (in)	Height (in)	Approx. Weight (lb)
CHSE-A1534E-HFO	8829702	15	460/60/3	60	35.3	44.2	80		130,000	65	48	70	890
OHSE-A1534E-HFO	8829874	15	460/60/3	60	35.3	44.2	80	158,000	130,000	65	48	70	890

<sup>3</sup>Based on compressor manufacture's data at 30°F SST and 100°F CT. Actual Btu/hr output and energy usage may vary depending on field conditions.

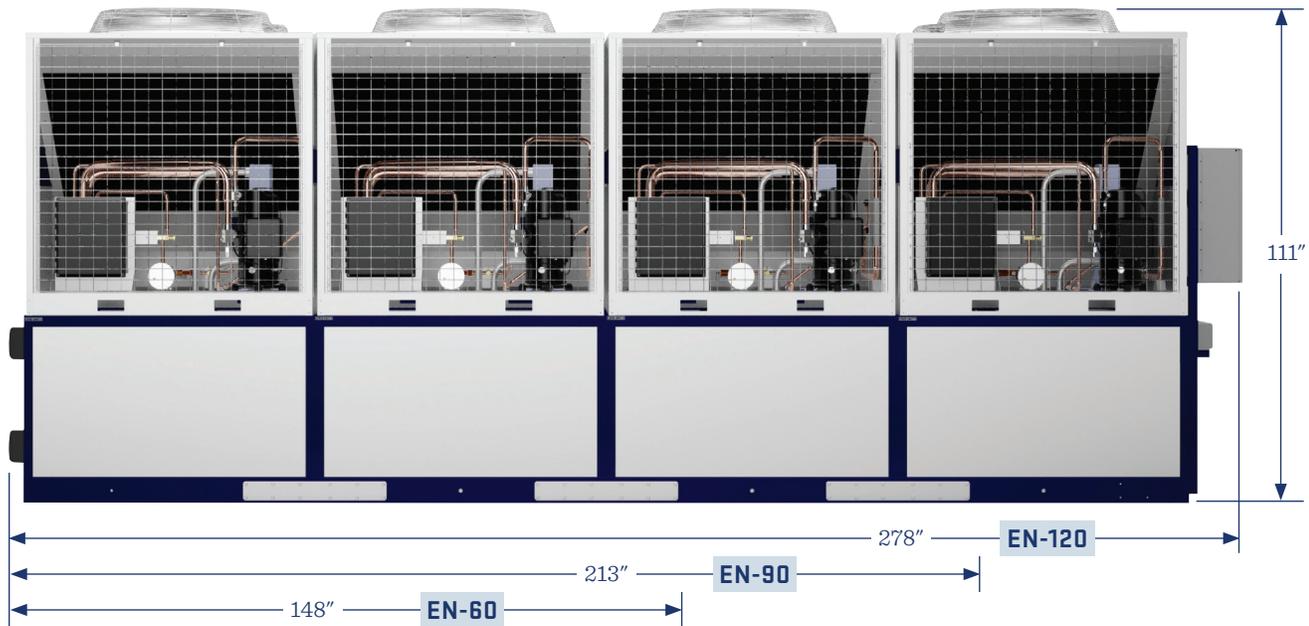
<sup>4</sup>Based on compressor manufacture's data at 20°F SST and 100°F CT. Actual Btu/hr output and energy usage may vary depending on field conditions.

# E-LATION™

## E-SERIES SIDE VIEW

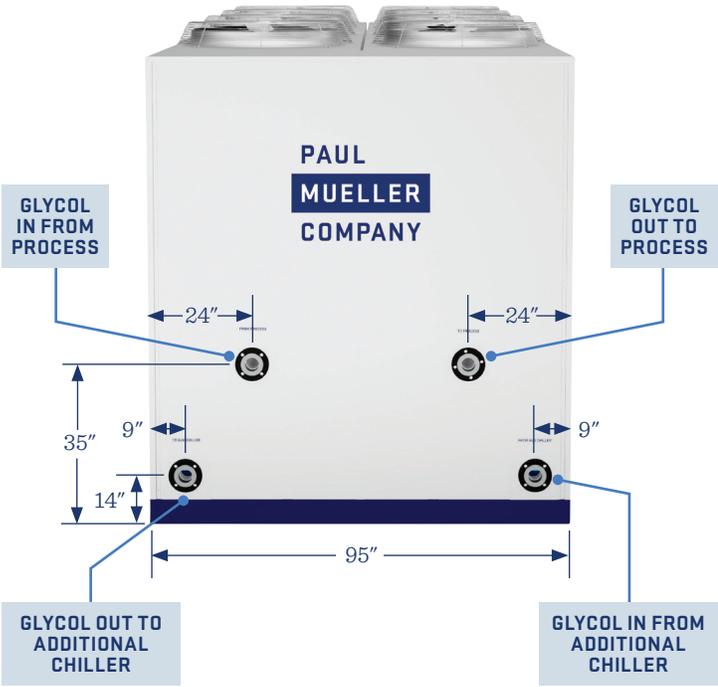


## EN-SERIES SIDE VIEW

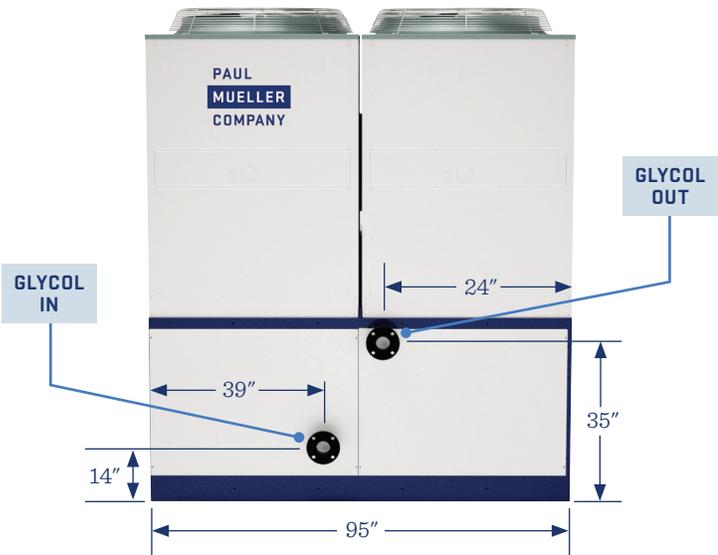




### E-SERIES GLYCOL CONNECTIONS\* VIEW



### EN-SERIES GLYCOL CONNECTIONS\* VIEW



### E- AND EN-SERIES CONTROL VIEW



\*Glycol connections are 3" CL150, 4-bolt.

# PAUL MUELLER COMPANY

## Mueller® Turnkey Solutions

*Your Project Partner from Design to  
Fabrication to Installation to Service.*

### Our Products and Services

- • Skids and Integrated Systems
- • Custom Tanks and Vessels
- • Refrigeration Products
- • Clean Utilities
- • Heat Transfer Solutions
- • Tank and Agitation Components
- • Metal Fabrication
- • OEM and Engineered Solutions
- • Aftermarket and Onsite  
Service Provider
- • FTL and Oversized  
Freight Provided by  
Mueller Transportation, Inc.

### Our Facilities and Resources

- • Industry-Leading Safety Results
- • Industry-Leading  
Workforce Retention
- • Global Facilities of Nearly  
1,500,000 Square Feet
- • State-of-the-Art Fabrication  
Skills Lab and Training Center
- • Comprehensive Test Facilities  
for Factory Acceptance Testing
- • Onsite, Experienced  
Engineering Department

### Industries We Serve

- • Animal Health
- • Beverage
- • Brewing
- • Chemical
- • Dairy Farm
- • Dairy
- • Food
- • Heat Transfer
- • HVAC
- • Mining
- • Oil and Gas
- • Personal Care
- • Refrigeration
- • Tank Fabrication
- • Wine



Creating Quality  
for **Life**

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