

# E-STAR<sup>®</sup> MODEL "OE"



**MUELLER**<sup>®</sup>

THE MILK COOLING SYSTEMS SPECIALISTS<sup>™</sup>

# MUELLER® E-STAR® MODEL "OE" REFRIGERATION UNITS

## The Refrigeration Unit That's Made for Milk!



The Mueller® E-Star® Model "OE" refrigeration unit is specifically designed to handle the large temperature changes required to cool milk on the dairy farm.

The E-Star Model "OE" utilizes a true refrigeration compressor — rather than an air-conditioning compressor — that has been adapted for dairy use.

The Model "OE" is a cost-effective way to cool milk with a scroll refrigeration unit. A variety of upgraded features — including a Copeland® scroll compressor, variable-speed fan, rifled tubing, and receiver — makes the "OE" an energy-efficient refrigeration unit.

The Model "OE" has also been designed for easy service. Electrical controls and valves are located for easy access. There's even an oil sight glass and fill port that allow you to change refrigerant oil to meet future HFC requirements.

Paul Mueller Company's E-Star Model "OE" refrigeration unit outperforms competitive milk cooling units in terms of reliability, efficiency, and value. It's what you'd expect from **The Milk Cooling Systems Specialists™**.



## E-Star Model "OE" Features and Benefits

- **Copeland scroll compressor design.** A refrigeration compressor that's designed to handle the large temperature changes required to cool milk. Scroll technology is more energy efficient and has fewer moving parts than reciprocating compressors.
- **Enhanced efficiency.** Higher capacity and efficiency from our unique system design.
- **Enhanced heat transfer surface.** Enlarged tube-and-fin condenser with rifled tubing results in greater refrigeration capacity and efficiency.
- **Single, variable-speed fan with high-efficiency motor.** Maintains proper air flow to increase capacity and efficiency of the compressor and condenser.
- **Greater serviceability.** Electrical compartment located in the upper front portion of the unit permits easy access.
- **Longer compressor life.** System design is forgiving under a variety of operating conditions.
- **Alternate refrigerants.** Model "OE" is available for use with conventional HCFC-22 or environmentally friendly HFC-507. Specify refrigerant type at time of order.
- **Oil sight glass and fill port.** Allows refrigerant oil to be easily changed for future HFC requirements.
- **Rust-resistant brass, high- and low-side valves.** Located in front of the unit for easy access without removing the cover.
- **Galvanized three-piece cover.** Heavy-duty metal encloses and protects the unit for safe operation while three-piece construction provides easy access.
- **Quality assured.** Meets worldwide standards such as CSA, CE, and ISO.

## E-Star Model "OE" Specifications

Length (in)	Width (in)	Height (in)	Approximate Weight (lb)	Horsepower Available (hp)	Electrical Characteristics*
40	30	31½	390	3.5	208-230/60/1, 200-230/60/3, 460/60/3
				5	200-240/50/1, 380/50/3
46½	33½	42½	450	7.5	208-230/60/3, 460/60/3, 380/50/3
				10	

\*Contact your Mueller representative for electrical characteristics available for each model.

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