

**MUELLER®**

**HiPerForm® E-Star**



**Mueller Sales**

**Quality and efficiency  
in milk cooling technology**

## Maximum energy efficiency with with the Mueller HiPerForm® E-Star

The HiPerForm® E-Star condensing unit is specifically designed to handle the large temperature changes required to cool milk. The unit is designed to flood the entire milk cooler's evaporator with liquid refrigerant resulting in maximum refrigeration efficiency. The HiPerForm® also enables the compressor to operate at cooler temperatures, resulting in longer compressor life, less maintenance and lower energy consumption.

The MUELLER E-Star outperforms all other milk cooling units in terms of reliability, efficiency and value and offers **energy savings of upto 27%** when compared to conventional condensing units.



## Features and benefits

### Sub-cooled regulated refrigeration system

Maintains liquid refrigerant within the evaporator thereby offering **upto 98%** evaporator efficiency, low risk of milk freezing, more cooling energy from the condensing unit and **better heat transfer and oil circulation**.

### Low gas pressure and gas temperature

Lower operating pressure and gas temperatures provide longer life for the compressor and less energy consumption.

### Copeland scroll compressor

The compressor has **fewer moving parts**, no crankshaft, no connection-rods and no valves and is more efficient than a piston compressor.

### Extra large condensor

Greater refrigerant turbulence provides greater heat transfer.

### Weatherproof housing

Galvanised, weatherproof housing provides unit protection and easy access.

### Increasing of the cooling capacity in lower temperatures

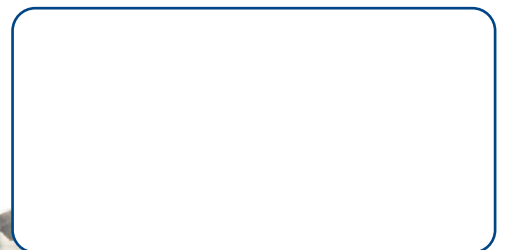
In lower ambient temperatures the unit's cooling capacity greatly increases resulting in extra energy savings.

### Certificated to CE Standards

### Mueller Sales

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