

M-Series plate heat exchangers

Improve milk quality while lowering costs



The M-Series plate heat exchangers, including MP3, M6 and M10, offer an easy, cost-effective way to reduce milk cooling time, lower energy expenses and improve milk quality no matter what the size of your operation.

Lower energy costs

Plate heat exchangers are designed to cool milk as it comes from the cow — before it reaches the cooling tank. Cooled milk entering the tank places a lower demand on the refrigeration compressor. As a result, the compressor operates only half as long, which can save thousands of dollars annually in energy costs.

A better design

Quality construction assures efficient operation through years of heavy service. The units' compact design installs easily and can be cleaned in

place in combination with any pipeline milking system, reducing the time needed to clean the total system.

Improve milk quality

Mixing milk of varying temperatures can adversely affect milk quality and flavor. The M-Series plate heat exchangers help eliminate this problem by cooling milk before it reaches the tank. In addition, rapid cooling of milk greatly reduces the opportunity for bacterial growth that can also compromise the quality and flavor of your milk.

Three models to fit your needs

The M-Series plate heat exchangers feature three models, one sure to fit the needs of your operation: MP3, M6 and M10.

Constructed for a long life of trouble-free operation

All components, except for gaskets and top covers, are manufactured from high-grade 316 stainless steel. All models feature long-life Nitrile clip-on gaskets, that snap into place to help avoid alignment problems when you replace gaskets or add plates. They install easily and stand up to heavy service.

MP3 Series for tie-stall barns to double-8 parlors

The MP3 range consists of two versions of coolers: precoolers and deep coolers; each available in different sizes for a wide range of capacities.

M6 Baseline Series for double-6 to double-20 parlors

The M6 Baseline Series offers larger dairies the opportunity to dramatically reduce cooling-system energy requirements. Choose from six models, including either single- or dual-coolant systems, to meet your specific cooling needs. All M6 exchangers offer add-on flexibility to permit easy expansion as milk production increases.

M10 Baseline Series for double-24 to double-60 parlors

Expanded-capacity dairies benefit from the reduced cooling-system energy requirements of our large-frame M10 Baseline Series plate heat exchangers. Four models are offered, including single- and dual-coolant systems. As milk production increases, the flexible M10 exchangers can be readily expanded.



MP3



M6



M10