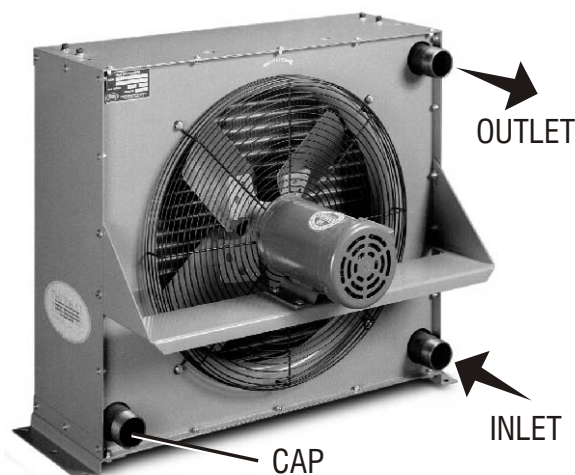


STEELE VACUUM SYSTEM OIL COOLER

This oil cooler is designed to improve overall vacuum system performance.



Maintaining high vacuum often improves the quality of the extruded product. If the temperature of the service oil that passes through the vacuum pump is high, moisture present in the oil will vaporize and reduce the capacity of the vacuum pump. This means the ability of the vacuum pump to withdraw air from the raw material is reduced.



This oil cooler is designed to maintain a service oil temperature below 145° F in the most severe ambient conditions for the Steele 30-HP Vacuum System. ***When properly installed and maintained, this oil cooler will improve the performance of the vacuum system, minimize the generation of sludge in the oil, and extend the life of the pump seals.***

The oil cooler has the following features:

- Wide spacing of aluminum heat transfer fins to minimize dirt accumulation and ease cleaning.
- Large diameter (0.375") copper oil flow tubes to minimize dirt and sludge build-up.
- 1-HP, 1725-RPM TEFC fan motor (voltage must be specified).
- Steel 2" NPT pipe connections.
- 10.5" by 31.62" by 27.56" steel cabinet with base mount flanges. The total weight is 190 lbs.

The oil cooler should be piped as "two-pass" and mounted in a location that allows ample supply of the cleanest and coolest air possible. The piping and double tank system must be clean of debris and sludge prior to installing the oil cooler. In all cases an oil filter (available from J.C. Steele & Sons) should be installed upstream of the cooler and a larger oil pump may be required. Contact us for specific recommendations.



The Best in Clay Machinery Since 1889
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