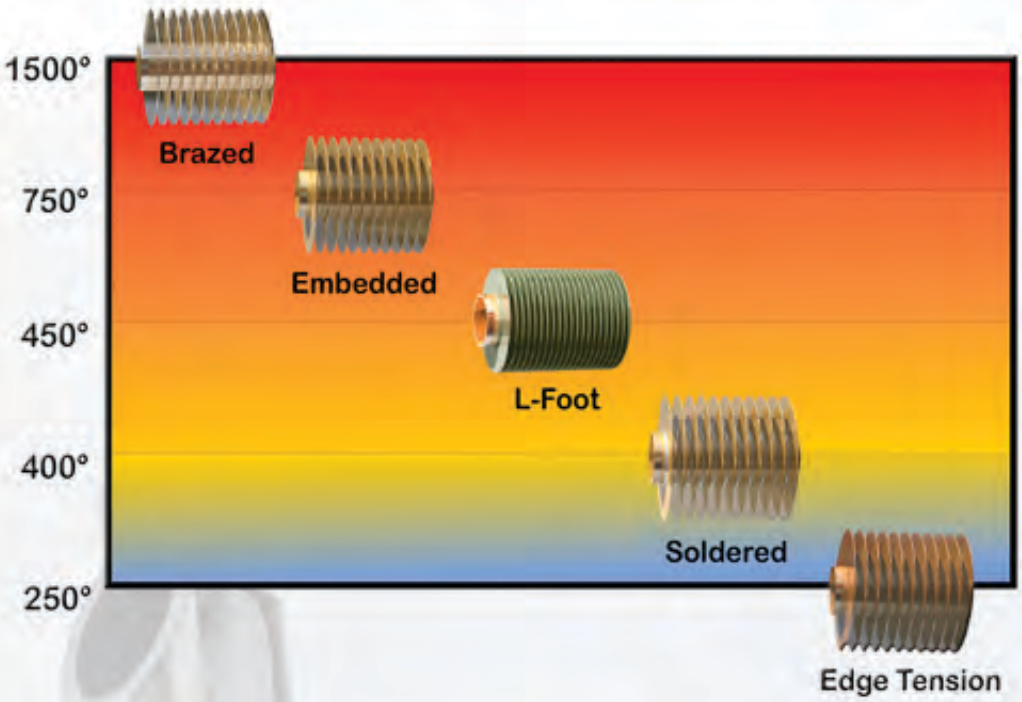
ENERGY TRANSFER·MDE

... A Machine Dynamics & Engineering Company

Heat Transfer Solutions



BRAZED

Brazed finned tubing from Energy Transfer • MDE offers a solid metallurgical bond between fin and tube, making it ideal for rigorous, high temperature applications. When the tube expands or shrinks due to temperature changes, the brazed bond never relaxes its grip. Energy Transfer • MDE offers brazed finned tubing in similar or dissimilar metals for increased heat transfer efficiency.

EMBEDDED

Energy Transfer • MDE's embedded finned tubing offers exceptional thermal efficiency at higher temperatures ranges with solid fin-to-tube contact. Rollers press displaced metal from the groove against the base of the fin to form a lasting metal-to-metal bond.

EDGE TENSION

Available in similar or dissimilar metals, edge tension finned tubing is recommended for moderate duty in normal ambient air applications and on most low-temperature air cooled heat exchangers. During the manufacturing process, fin material is tightly wound around the outside of the tube to secure metal-to-metal contact of the base of the fin with the tube.

SOLDERED

Energy Transfer • MDE offers two types of soldered finned tubing: root solder and solder-coated. Root soldered involves a special technique that uses enough solder to create the bond between the tube and the base of the fin. Solder-coated finned tubing covers the entire fin and tube surface with the alloy. Lead-free and tin-lead alloys are available for all soldered products.

L - FOOT

Highly efficient yet cost effective, L-footed finned tubing offers maximum heat transfer at lower temperatures. The unique L-shaped design holds fins rigidly to withstand heat cycling and high velocity air vibration.

www.EnergyTransferinc.com

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