

5MM COIL DESIGNS & PRODUCTS



COILS / INDUSTRIAL HEAT EXCHANGERS / NUCLEAR PRODUCTS

Overview

Certifications



Key Markets

- Commercial HVAC
- Data Centers
- Food & Beverage
- Ground Support
- Military
- Refrigerated Display Case

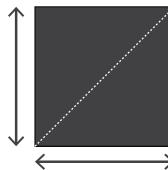
Product Types

- Condensers
- Evaporators
- Fluid Coils

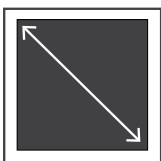
Features & Benefits



50% - 75% less refrigerant volume versus $\frac{3}{8}$ tubes within the same footprint



20% - 40% increase in capacity within the same footprint

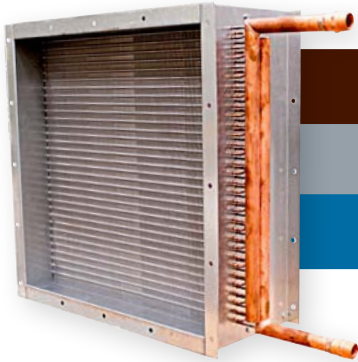


33% reduction in face area with equivalent capacity



50% less weight than comparable $\frac{3}{8}$ design

5MM Coils



DROP IN
REPLACEMENT
FOR LOWER COST

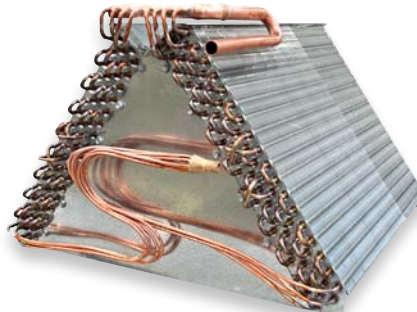
REDUCE FACE
AREA WITHOUT
SACRIFICING
PERFORMANCE

INCREASE
PERFORMANCE
IN THE
SAME SPACE

Tube O.D.	3/8"	5mm	5mm	5mm
Height	36"	36"	36"	36"
Length	60"	60"	42"	60"
Rows	4R	4R	6R	6R
Cu, lbs.	50	23 54% LIGHTER	25 50% LIGHTER	35 30% LIGHTER
Al, lbs.	50	30 40% LIGHTER	32 36% LIGHTER	42 16% LIGHTER
Internal Volume, l	14.9	6.0 59% LOWER	6.3 57% LOWER	8.5 42% LOWER
Capacity, BTUH, 000's	196	196	196	240 22% HIGHER
Air Friction in H ₂ O	0.65	0.48 26% LOWER	1.08	0.64



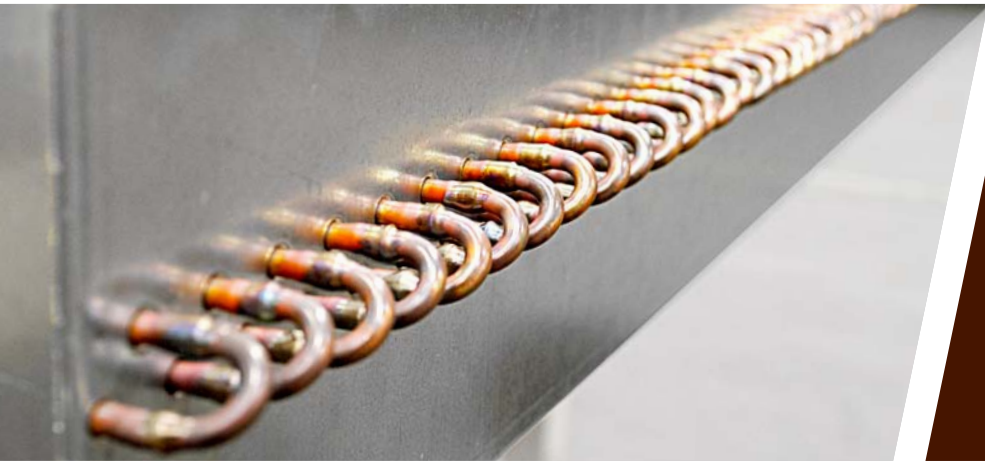
5mm Condenser with Sub-Cooling Section



5mm A-Frame Design for Military Comfort HVAC



5mm Condenser for Data Cooling



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