

Condenser Coil

Type CX

Primary Surface

Round seamless copper tubes are mechanically expanded into the fin collars of the secondary surface. The mechanical expansion provides a permanent metal-to-metal bond for efficient heat transfer. Tubes are staggered in the direction of airflow and only RETURN BENDS are used to ensure NO reduction in tube wall thickness in the bend radius associated with hairpin tubes.

Secondary Surface

Corrugated aluminum or copper plate type fin that is die-formed. Fin collars are full-drawn to provide accurate control of fin spacing and maximum contact with tubes.

Headers

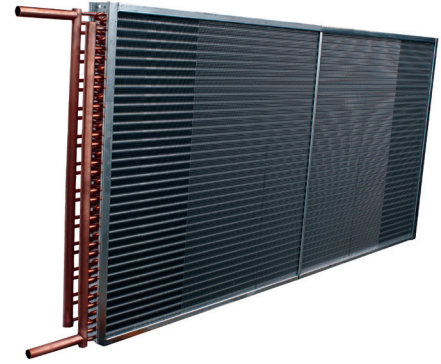
Seamless copper with die-formed holes that provide a parallel surface to the coil tube for strong brazing joints.

Connections

Copper outside diameter (O.D.) Sweat with standard arrangement for one compressor circuit. FACE SPLIT circuiting available for two or more compressors.

Casing

Casing is die-formed with 1½" flanges to permit easy stacking and mounting. Intermediate tube supports are supplied on coils over 44" fin length with an additional support every 42".



Circuiting

Coil circuiting options include: full face (std.) and horizontal (face) split.



Standard



Horizontal (Face) Split

Testing

All coil assemblies are leak tested under water with nitrogen at 400 PSIG.

Coil Options

Rows	Fin Height	Fin Length	Fin Spacing	Fin Thickness ALUMINUM	Fin Thickness COPPER	Tube Thickness Tube/Return Bend	Tube Spacing Face x Row	Casing	Max. Std. Operating Conditions
1,2,3,4,5,6,8,10,12	6" to 60"	12" to 216"	1/2" to 8 to 14 fins per inch	1/2" to 0.006"	1/2" to 0.006"	1/2" to 0.017"/0.025"	1/2" to 1.25"x1.083"	16 or 14 GA Galvanized Steel	250 PSIG
			5/8" to 6 to 14 fins per inch	5/8" to 0.008" to 0.010"	5/8" to 0.006" to 0.008" to 0.010"	5/8" to 0.020"/0.028" to 0.025"/0.035"	5/8" to 1.50"x1.299"	16 or 14 GA 304, 316 Stainless Steel	



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