

# 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.

### 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.

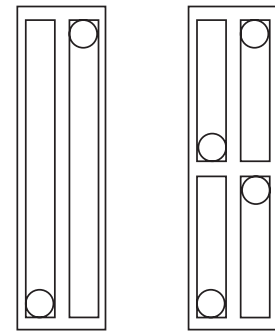
### Casing

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 O.D. Tube Thickness	Tube Spacing Face x Row	Casing	Max. Std. Operating Conditions
1,2,3,4,5,6,8,10,12	6" to 60"	12" to 157"	1/2" 8 to 14 fins per inch	1/2" 0.006"	1/2" 0.006"	1/2" 0.017" 0.025"	1/2" 1.25"x1.083"	16 or 14 GA Galvanized Steel	250 PSIG
			5/8" 6 to 14 fins per inch	5/8" 0.008" 0.010"	5/8" 0.006" 0.008" 0.010"	5/8" 0.020" 0.025"	5/8" 1.50"x1.299"	304, 316 Stainless Steel	



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