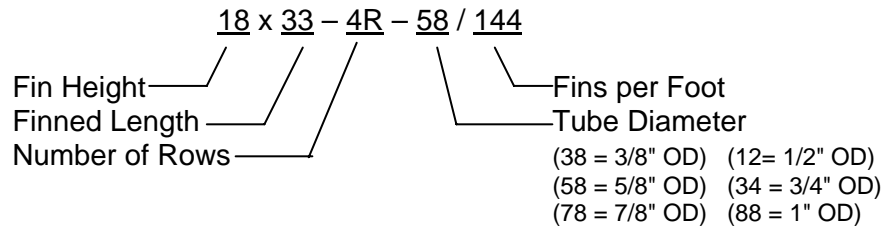


# STANDARD PLATE FIN COIL SPECIFICATIONS

## : Coil Nomenclature



### COIL HAND DETERMINATION

Coil hand is determined by facing the coil in the direction of air flow. A right-hand coil has connections on the right end of the coil; a left-hand coil has connections on the left end.

### COIL MANUFACTURING SPECIFICATIONS

**FINS:** Die-formed, plate type. The tempered aluminum or copper fins are easily cleaned and damage resistant. Extruded fin collars provide maximum heat transfer and accurate fin spacing. Other fin materials are available.

**TUBES:** Seamless drawn copper. The tubes are hydraulically expanded into the fins to form a permanent metal-to-metal bond for maximum heat transfer and stability. A variety of tube materials and wall thicknesses are available to meet special requirements.

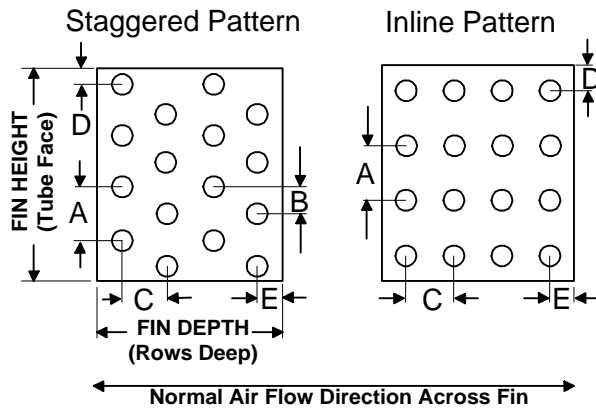
**BRAZING:** All copper joints are hand-brazed with silver-bearing copper brazing alloys.

**CLEANING:** Coils are degreased to clean and dry them internally and externally.

**TESTING:** Coils are leak-tested under water with dry nitrogen. After testing, the coils are sealed for shipment.

We reserve the right to change specifications without notice.

### FIN AND TUBE PATTERNS



TUBE DIA.	TUBE C/C ROW C/C	PATTERN	TUBE FACE C/C A <sup>1</sup>	B	ROW C/C C <sup>1</sup>	D	E	STD. FIN SPACING <sup>2</sup> MIN.-MAX.
3/8" OD	1 x .866	Staggered	1"	1/2	.866	1/4	.433	5 - 18 <sup>3</sup>
	1 x 1	Staggered	1"	1/2	1	1/4	1/2	9 1/2 - 16
	1 x 1	Inline	1"	-	1	1/2	1/2	12 - 14
	1 1/4 x 1	Staggered	1 1/4"	5/8	1	5/16	1/2	12 - 16
1/2" OD	1 1/4 x 1	Staggered	1 1/4"	5/8	1	5/16	1/2	8 - 14
	1 1/4 x 1.083	Staggered	1 1/4"	5/8	1.08	5/16	.504	5 - 15 <sup>3</sup>
	1 1/2 x 1 1/2	Staggered	1 1/2"	3/4	1.5	3/8	3/4	10 - 16
	1 1/2 x 1 1/2	Inline	1 1/2"	-	1.5	3/4	3/4	10 - 16
5/8" OD	1 1/2 x 1 1/2	Staggered	1 1/2"	3/4	1 1/2	3/8	3/4	7 - 10
	1 1/2 x 1 1/2	Inline	1 1/2"	-	1 1/2	3/4	3/4	8 - 10
	1 1/2 x 1.299	Staggered	1 1/2"	3/4	1.3	3/8	.650	4 - 15 <sup>3</sup>
3/4" OD		Staggered						
7/8" OD	2 1/4 x 1.949	Staggered	2 1/4"	1 1/8	1.95	9/16	.975	2 - 12 <sup>3</sup>
1" OD	3 x 2	Staggered	3"	1 1/2	2	3/4	1	4 - 12 <sup>3</sup>
	3 x 2.598	Staggered	3"	1 1/2	2.6	3/4	1.3	4 - 12 <sup>3</sup>

### NOTES:

<sup>1</sup> Fin heights are available in multiples of A (2 x A Std.) Fin depths are multiples of C.

<sup>2</sup> Standard fin spacing reflect collar spaced fins made of copper or aluminum. Wider fin spacings are optional and available on many patterns.

<sup>3</sup> This range may vary with corrugated or sine wave enhanced fins, thickness or other materials.