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# SPECIFICATION DATA-Evaporator Coils Date: \_\_\_\_\_ / Page \_\_\_\_ Of \_\_\_\_

Name: \_\_\_\_\_ Company: \_\_\_\_\_

Address : \_\_\_\_\_

City, State : \_\_\_\_\_ Tele: \_\_\_\_\_ FAX: \_\_\_\_\_

Job Ref: \_\_\_\_\_ Coil Model No \_\_\_\_\_ Qty \_\_\_\_\_

## DIMENSIONAL DATA

Fin Height ("FH") \_\_\_\_\_ / Finned Length ("FL") \_\_\_\_\_

Rows Deep \_\_\_\_\_ / Model Type (see table) \_\_\_\_\_

Fins Per Inch \_\_\_\_\_ / No. Of Circuits (see note 1.) \_\_\_\_\_

Casing Height ("CH") \_\_\_\_\_ / Casing Length ("CL") \_\_\_\_\_

Casing Depth ("CD") \_\_\_\_\_ Overall Coil Length ("OL")<sup>2</sup> \_\_\_\_\_

Casing Flange Width<sup>3</sup>: F1 \_\_\_\_\_ F2 \_\_\_\_\_ F3 \_\_\_\_\_ F4 \_\_\_\_\_

Suction Connection<sup>4</sup> O.D. \_\_\_\_\_ (Type "L" Copper Sweat is Standard)

Distributor Model<sup>1</sup> \_\_\_\_\_ Nozzle No.<sup>1</sup> \_\_\_\_\_

Distributor Tube<sup>1</sup>: Qty. \_\_\_\_\_ O.D. \_\_\_\_\_ Length \_\_\_\_\_

CASING STYLE:  Encased (shown)  Non-encased (ends only)

COIL HAND: (If Horizontal Airflow)  Right  Left (If Vertical Airflow)  Up  Down

## PERFORMANCE DATA

Kw. \_\_\_\_\_ Total / \_\_\_\_\_ Sensible

Airflow \_\_\_\_\_ Liters a second

Face Velocity \_\_\_\_\_ Meters a second

Entering Air Temp. \_\_\_\_\_ °C db / \_\_\_\_\_ °C wb

Leaving Air Temp. \_\_\_\_\_ °C db / \_\_\_\_\_ °C wb

Air Friction Pressure Drop \_\_\_\_\_ Pa

Refrigerant \_\_\_\_\_ Suction Temp. \_\_\_\_\_ °C

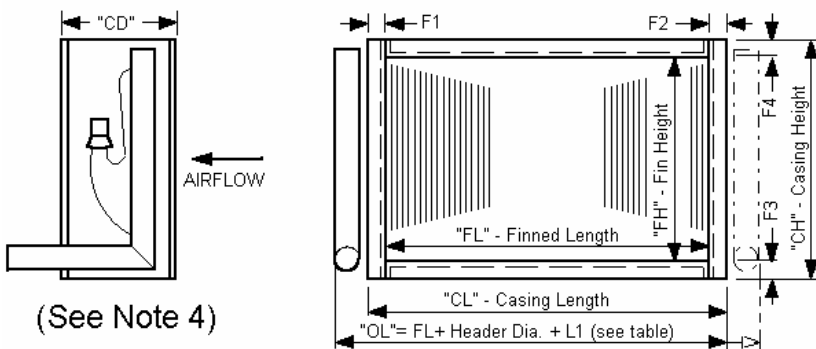
Refrigerant Liquid Temperature \_\_\_\_\_ °C

Refrigerant Pressure Drop \_\_\_\_\_ kPa

## CORROSION PROTECTION (AUSTKOTE) : YES NO

LEFT HAND COIL SHOWN (RIGHT HAND OPPOSITE)

Notes: \_\_\_\_\_




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## STANDARD DIMENSIONAL SPECIFICATIONS

MODEL TYPE	TUBE O.D.	TUBE CENTERS FACE X ROW	TUBE PATTERN	STANDARD FIN HEIGHT INCREMENTS	STANDARD FIN SPACING MIN - MAX	STANDARD FLANGE WIDTHS F1, F3, F4, F2		STANDARD L1 (see 2)
38-1	3/8"	25.4 x 22	Staggered	25.4mm	4 - 18	25mm	25mm	60mm
12-1	1/2"	31.75 x 27.5	Staggered	31.75mm	4 - 14	25mm	25mm	75mm
58-1	5/8"	38.1 x 33.0	Staggered	38.1mm	2 - 14	37mm	37mm	75mm

- NOTES: 1. To insure proper replacement coil and operation, please specify the number of circuits and distributor information. Circuits are determined by the amount of tubes entering the inlet **OR** outlet header.
2. The L1 dimension shown does not provide for distributor tube projection (if any) beyond header. On large distributors, this projection can be several inches. If the distributor must be contained within the "L" dimension, specify in "NOTES".
3. Note standard flange widths in table. The F2 dimension shown is recommended for tube bend protection on most coils.
4. Indicate direction of inlet and outlet connections if different from above. If multi-section coil, show circuiting and connection details (use separate sheet if necessary). To insure lowest coil cost, specify connection location dimensions only if critical to the installation.