Customer: Date: 7/6/2009

Contact: From:
Telephone: Company:
Fax: Return Tel:
Job: Return Fax:

Quote #:

## GIVEN DATA

**Construction** Air Side Air Flow (Sft^3/min) CWC1-2 Item: 1,650 Coils Per Bank: 1 Altitude FT: .00 Allow Opp. End: Ent. Air DB/WB °F: No 95.00 / 78.00 Tube OD IN: 5/8 Lvg. Air DB/WB °F: .00 / .00 Coil Duty: Cool-Standard Total / Sensible MBH: 60.00 / .00 Fins Per Inch: 10 Max Air PD "H2O: .00 Rows: 4 Fluid Side Fin Surface: В Fluid Type: Propylene Fin Height (IN): 31.50 Percent Glycol: 20 Finned Length (IN): 27.00 Ent. Fluid: 45.00 Tubing Mat. (IN): 0.020 Copper Lvg. Fluid: 55.00 Fin Mat. (IN): 0.0075 Aluminum Fluid Flow gal/min: .00 Max FPD FT H2O: Conn Qty/Size (IN): 1 / Optimize .00 Circuiting: Optimize TurboSpirals: No Face Area (SQ FT): 5.91

| OUTPUT DATA       |           | М      | ost Economic | al     | 9         | Specified Coi | I      |
|-------------------|-----------|--------|--------------|--------|-----------|---------------|--------|
|                   |           | Coil 1 | Coil 2       | Coil 3 | ✓ Coil 4  | Coil 5        | Coil 6 |
| Model Number:     |           |        |              |        | 5WS1004B  |               |        |
| Air Velocity:     | (Sft/min) |        |              |        | 279.4     |               |        |
| Total Capacity:   | MBH       |        |              |        | 54.85     |               |        |
| Sens. Capacity:   | MBH       |        |              |        | 42.12     |               |        |
| Lvg. Air DB:      | °F        |        |              |        | 71.66     |               |        |
| Lvg. Air WB:      | °F        |        |              |        | 69.91     |               |        |
| Standard APD      | "H2O      |        |              |        | .17       |               |        |
| Lvg. Fluid:       | °F        |        |              |        | 54.14     |               |        |
| Fluid Flow:       | gal/min   |        |              |        | 12.39     |               |        |
| Fluid PD:         | FT H2O    |        |              |        | .19       |               |        |
| Fluid Vel.:       | ft/s      |        |              |        | .63       |               |        |
| Conn Size:        | IN        |        |              |        | (1) 2.500 |               |        |
| Weight (Dry):     | lbm       |        |              |        | 102.4     |               |        |
| Weight (w/Fluid): | lbm       |        |              |        | 142.7     |               |        |
| Notes:            |           |        |              |        | BEGIL     |               |        |
|                   |           |        |              |        |           |               |        |
|                   |           |        |              |        |           |               |        |

## Notes:

- B) Rated In Compliance With ARI 410.
- E) Rated in accordance with ARI 410, actual performance may vary by application
- G) Load below specification. Consult factory.

- I) Header Pressure Drop Exceeds 30% of Total Fluid Pressure Drop.
- L) Coil rating valid for Heatcraft coils only.

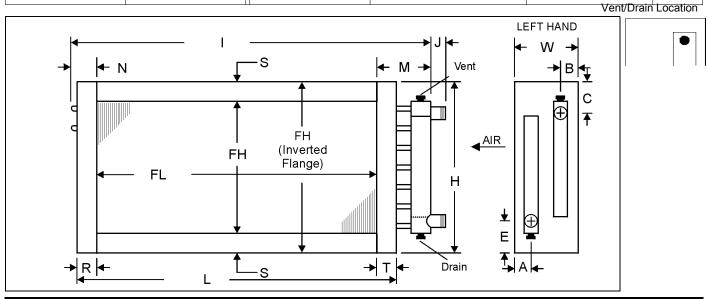
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|        |     | MODEL NUMBER |     |      |     |         |         |      |  |
|--------|-----|--------------|-----|------|-----|---------|---------|------|--|
| ITEM   | QTY | TYPE         | FPI | ROWS | FIN | FH (IN) | FL (IN) | HAND |  |
| CWC1-2 | 1   | 5WS          | 10  | 04   | В   | 31.50   | 27.00   | Left |  |

| MATERIALS O    | F CONSTRUCTION     |              | OPTIONS         |                    |    |  |  |  |  |  |
|----------------|--------------------|--------------|-----------------|--------------------|----|--|--|--|--|--|
| Fins           | ns 0.0075 Aluminum |              | None            | TurboSpirals       | No |  |  |  |  |  |
| Tubes          | 0.020 Copper       | Casing Type  | Flanged         | Moisture Elimnator | No |  |  |  |  |  |
| Casing         | Galvanized Steel   | Vent & Drain | .50 FPT on Face | Mounting Holes     | No |  |  |  |  |  |
| Conn. Material | Carbon Steel       |              |                 | Label Kit          | No |  |  |  |  |  |
| Conn. Type     | MPT                |              |                 | Drain Headers      | No |  |  |  |  |  |
| Conn. Size     | 2.500              |              |                 |                    |    |  |  |  |  |  |
|                |                    |              |                 |                    |    |  |  |  |  |  |
|                |                    |              |                 |                    |    |  |  |  |  |  |



|      | DIMENSIONAL DATA(IN) |      |      |       |       |      |       |      |      |      |      |      |      |     |
|------|----------------------|------|------|-------|-------|------|-------|------|------|------|------|------|------|-----|
|      |                      |      |      |       |       |      |       |      |      |      |      |      |      |     |
| Α    | В                    | С    | E    | Н     | I     | J    | L     | М    | N    | R    | S    | Т    | W    | SJC |
| 1.80 | 1.80                 | 4.75 | 2.75 | 34.50 | 34.75 | 6.00 | 30.00 | 5.25 | 2.50 | 1.50 | 1.50 | 1.50 | 7.50 |     |

## **NOTES:**

## **GENERAL NOTES:**

- 1. All dimensions are in (in)
- 2. Manually verifiying dimensions is higly recommended.
- 3. The supply line should be connected to the lower connection on the leaving air side for counterflow operation.
- 4. Coils will vent and drain through factory-installed vent and drain fittings when mounted level for horizontal flow.
- 5. Connection location other than standard could affect vent and drain locations. Consult factory.