

Rating Sheet  
**Emergent Coils, LLC ~ 855-264-5669**

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**5W24X24-610-ZRC**

|                           |                 |                          |                         |
|---------------------------|-----------------|--------------------------|-------------------------|
| No. Coils:                | 1               | Coil Type:               | Water - Cooling         |
| Fin Height (In.):         | 24              | Fin Mat./Thickness/Type: | Aluminum/ 0.006/ Waffle |
| Fin Length (In.):         | 24              | Tube Mat./Wall/OD:       | Copper/ 0.020/ 5/8 Inch |
| Air Flow/Coil (ACFM/SCFM) | 2038 / 2000 (S) | Tube Spacing:            | 1.5 x 1.299             |
| ACFM/SCFM Velocity (fpm): | 509.4 / 500     | Tube Surface:            | Smooth                  |
| EDB/EWB (°F):             | 80 / 67         | Casing Material:         | Galv                    |
| EWT (°F):                 | 45              | Fluid Type:              | Water                   |
| Fluid Temp. Drop (°F):    | 10              | FF Inside*:              | 0                       |
| Rows/FPI:                 | 6/10            | FF Outside*:             | 0                       |

|                                  | <b>Per Coil</b> | <b>Total All Coils</b> |
|----------------------------------|-----------------|------------------------|
| LDB/LWB (°F):                    | 55.1 / 54.8     |                        |
| Total Heat (BTUH):               | 75,183          | 75,183                 |
| Sensible. Heat (BTUH):           | 54,005          | 54,005                 |
| LWT (°F):                        | 55.0            |                        |
| Fluid Flow (GPM):                | 15.0            | 15.0                   |
| Fluid Press. Drop (Feet):        | 8.26            |                        |
| Tube Velocity (fps):             | 3.28            |                        |
| Reynolds number:                 | 11,868.38       |                        |
| Air Pressure Drop (in W.G.):     | 0.74            |                        |
| Connection Size (In.):           | 1.25            |                        |
| Approximate Fluid Volume (Gal) : | 3.7             | 3.7                    |
| Uncrated, Dry Coil Weight: 92.4  |                 |                        |

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\* (Hr\*ft<sup>2</sup>\*°F/Btu) Fouling Factor Units

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