

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

sales@emergentcoils.com

5W21X30-610-ZRC

No. Coils:	1	Coil Type:	Water - Cooling
Fin Height (In.):	21	Fin Mat./Thickness/Type:	Aluminum/ 0.006/ Waffle
Fin Length (In.):	30	Tube Mat./Wall/OD:	Copper/ 0.020/ 5/8 Inch
Air Flow/Coil (ACFM/SCFM)	2229 / 2188 (S)	Tube Spacing:	1.5 x 1.299
ACFM/SCFM Velocity (fpm):	509.6 / 500.1	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

	Per Coil	Total All Coils
LDB/LWB (°F):	54.9 / 54.5	
Total Heat (BTUH):	83,764	83,764
Sensible. Heat (BTUH):	59,717	59,717
LWT (°F):	55.0	
Fluid Flow (GPM):	16.7	16.7
Fluid Press. Drop (Feet):	6.65	
Tube Velocity (fps):	3.05	
Reynolds number:	11,021.85	
Air Pressure Drop (in W.G.):	0.74	
Connection Size (In.):	1.25	
Approximate Fluid Volume (Gal) :	3.9	3.9
Uncrated, Dry Coil Weight: 97.7		

* (Hr*ft²*°F/Btu) Fouling Factor Units

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