

# Emergent Coils, LLC ~ 855-264-5669

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## 5W30X39-610-HRD

No. Coils:	1	Coil Type:	Water - Cooling
Fin Height (In.):	30	Fin Mat./Thickness/Type:	Aluminum/ 0.006/ Waffle
Fin Length (In.):	39	Tube Mat./Wall/OD:	Copper/ 0.020/ 5/8 Inch
Air Flow/Coil (ACFM/SCFM)	4140 / 4063 (S)	Tube Spacing:	1.5 x 1.299
ACFM/SCFM Velocity (fpm):	509.5 / 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):	54.6 / 54.2	
Total Heat (BTUH):	158,839	158,839
Sensible. Heat (BTUH):	112,234	112,234
LWT (°F):	55.0	
Fluid Flow (GPM):	31.7	31.7
Fluid Press. Drop (Feet):	9.30	
Tube Velocity (fps):	3.47	
Reynolds number:	12,541.02	
Air Pressure Drop (in W.G.):	0.75	
Connection Size (In.):	1.5	
Approximate Fluid Volume (Gal) :	7.2	7.2
Uncrated, Dry Coil Weight: 158.6		