

Emergent Coils, LLC ~ 855-264-5669

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5W27X48-610-HRE

No. Coils:	1	Coil Type:	Water - Cooling
Fin Height (In.):	27	Fin Mat./Thickness/Type:	Aluminum/ 0.006/ Waffle
Fin Length (In.):	48	Tube Mat./Wall/OD:	Copper/ 0.020/ 5/8 Inch
Air Flow/Coil (ACFM/SCFM)	4585 / 4500 (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

	Per Coil	Total All Coils
LDB/LWB (°F):	54.0 / 53.7	
Total Heat (BTUH):	181,996	181,996
Sensible. Heat (BTUH):	126,900	126,900
LWT (°F):	55.0	
Fluid Flow (GPM):	36.3	36.3
Fluid Press. Drop (Feet):	12.78	
Tube Velocity (fps):	4.42	
Reynolds number:	15,977.62	
Air Pressure Drop (in W.G.):	0.76	
Connection Size (In.):	2	
Approximate Fluid Volume (Gal) :	8.0	8.0
Uncrated, Dry Coil Weight: 176.9		