

Emergent Coils, LLC ~ 855-264-5669

sales@emergentcoils.com

5W27X51-610-TRE

No. Coils:	1	Coil Type:	Water - Cooling
Fin Height (In.):	27	Fin Mat./Thickness/Type:	Aluminum/ 0.006/ Waffle
Fin Length (In.):	51	Tube Mat./Wall/OD:	Copper/ 0.020/ 5/8 Inch
Air Flow/Coil (ACFM/SCFM)	4871 / 4781 (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):	55.2 / 54.8	
Total Heat (BTUH):	179,446	179,446
Sensible. Heat (BTUH):	128,999	128,999
LWT (°F):	55.0	
Fluid Flow (GPM):	35.8	35.8
Fluid Press. Drop (Feet):	5.42	
Tube Velocity (fps):	3.01	
Reynolds number:	10,895.94	
Air Pressure Drop (in W.G.):	0.74	
Connection Size (In.):	2	
Approximate Fluid Volume (Gal) :	8.5	8.5
Uncrated, Dry Coil Weight: 185.5		