

Emergent Coils, LLC ~ 855-264-5669

sales@emergentcoils.com

5W27X75-610-FRE

No. Coils:	1	Coil Type:	Water - Cooling
Fin Height (In.):	27	Fin Mat./Thickness/Type:	Aluminum/ 0.006/ Waffle
Fin Length (In.):	75	Tube Mat./Wall/OD:	Copper/ 0.020/ 5/8 Inch
Air Flow/Coil (ACFM/SCFM)	7164 / 7031 (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):	54.7 / 54.3	
Total Heat (BTUH):	272,877	272,877
Sensible. Heat (BTUH):	193,419	193,419
LWT (°F):	55.0	
Fluid Flow (GPM):	54.4	54.4
Fluid Press. Drop (Feet):	7.43	
Tube Velocity (fps):	3.31	
Reynolds number:	11,969.11	
Air Pressure Drop (in W.G.):	0.75	
Connection Size (In.):	2	
Approximate Fluid Volume (Gal) :	11.8	11.8
Uncrated, Dry Coil Weight: 263.5		