

# Emergent Coils, LLC ~ 855-264-5669

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## 5W27X69-610-TRE

No. Coils:	1	Coil Type:	Water - Cooling
Fin Height (In.):	27	Fin Mat./Thickness/Type:	Aluminum/ 0.006/ Waffle
Fin Length (In.):	69	Tube Mat./Wall/OD:	Copper/ 0.020/ 5/8 Inch
Air Flow/Coil (ACFM/SCFM)	6591 / 6469 (S)	Tube Spacing:	1.5 x 1.299
ACFM/SCFM Velocity (fpm):	509.5 / 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

	<b>Per Coil</b>	<b>Total All Coils</b>
LDB/LWB (°F):	54.3 / 54.0	
Total Heat (BTUH):	256,526	256,526
Sensible. Heat (BTUH):	180,215	180,215
LWT (°F):	55.0	
Fluid Flow (GPM):	51.2	51.2
Fluid Press. Drop (Feet):	12.38	
Tube Velocity (fps):	4.31	
Reynolds number:	15,579.95	
Air Pressure Drop (in W.G.):	0.75	
Connection Size (In.):	2	
Approximate Fluid Volume (Gal) :	10.9	10.9
Uncrated, Dry Coil Weight: 238.1		