

HOT WATER COILS

Fin Height X Fin Length	25x25
Number of Tubes	25
Rows Deep X Fins / Inch	3 Rows @ 12 Fins Per Inch
Tube OD & Thickness	3/8"OD X .014 Wall - Smooth
Fin Thickness & Material	.0045 Louvered Aluminum Fins
Face Area	4.34 Square Feet
Approximate Weight of Coil	21.7 lbs.
Number of Circuits	12
All performance tests @ 0 ft. Elevation	

AIR SIDE PERFORMANCE					LIQUID SIDE PERFORMANCE					
FLOW	EAT DB	LAT DB	Face Vel.	APD	EWT	LWT	GPM	WPD	Velocity	Total BTU
CFM	Degrees F	Degrees F	SFPM	in WG	Degrees F	Degrees F	# GAL	FT of Head	FPS	BTU / HR
1000	65	157	230	0.07	180	138	5	0.46	1.2	99723
1000	65	165	230	0.07	180	157	10	1.5	2.5	108470
1000	65	166	230	0.07	180	161	12	2.1	3.03	109868
1200	65	150	276	0.1	180	134	5	0.46	1.2	111432
1200	65	160	276	0.1	180	154	10	1.5	2.5	124045
1200	65	162	276	0.1	180	158	12	2.1	3.03	126142
1600	65	139	368	0.15	180	126	5	0.46	1.2	129648
1600	65	151	368	0.15	180	149	10	1.5	2.5	150281
1600	65	154	368	0.15	180	153	12	2.1	3.03	153950
2000	65	131	460	0.22	180	121	5	0.46	1.2	143091
2000	65	144	460	0.22	180	144	10	1.5	2.5	171490
2000	65	146	460	0.22	180	149	12	2.1	3.03	176800
2400	65	124	552	0.29	180	116	5	0.46	1.2	153413
2400	65	137	552	0.29	180	141	10	1.5	2.5	188991
2400	65	140	552	0.29	180	146	12	2.1	3.03	195926
3000	65	115	691	0.42	180	112	5	0.46	1.2	165088
3000	65	129	691	0.42	180	136	10	1.5	2.5	210242
3000	65	132	691	0.42	180	142	12	2.1	3.03	219493