Hot Water Coils

Fin Height X Fin Length	16.0 In. x 18 In.
Number of Tubes	16
Rows Deep x Fins / Inch	3.0 Rows x 12.0 Fins Per Inch
Tube O.D. and Thickness	3/8 In. x .014 Wall - Smooth Tubing
Fin Thickness and Material	.0060 Corrugated Aluminum Fins
Face Area	2.00 Square Feet
Approx Weight of Coil	11.61 lbs.
Number of Circuits	8
All performance tests at 0 FT. Elevation	

Air Side Performance					Liquid Side Performance					
Flow CFM	Ent. Air Dry Bulb Degrees F	Leav. Air Dry Bulb Degrees F	Face Vel. SFPM	Air Press. Drop IN, W, G.	Ent. Water Temp. Degrees F	Leav. Water Temp. Degrees F	# Gallon GPM	Water Press. Drop FTHD	Liquid Velocity FPS	Total BTU BTU/HR
Air Application										
800	60	107.23	400	0.13	140	123.4	5	0.79	1.9	40,843.67
800	60	109.43	400	0.13	140	127.59	7	1.43	2.66	42,749.76
800	60	110.75	400	0.13	140	130.09	9	2.24	3.42	43,884.92
1,000	60	103.07	500	0.19	140	121.08	5	0.79	1.9	46,553.70
1,000	60	105.48	500	0.19	140	125.73	7	1.43	2.66	49,159.90
1,000	60	106.93	500	0.19	140	128.55	9	2.24	3.42	50,732.39
1,200	60	99.66	600	0.26	140	119.09	5	0.79	1.9	51,446.77
1,200	60	102.21	600	0.26	140	124.1	7	1.43	2.66	54,754.68
1,200	60	103.77	600	0.26	140	127.18	9	2.24	3.42	56,774.81
Typical Wood Boiler Application										
800	60	131.71	400	0.13	180	154.46	5	0.73	1.9	62,013.69
800	60	134.87	400	0.13	180	160.96	7	1.32	2.66	64,748.42
800	60	136.74	400	0.13	180	164.82	9	2.06	3.42	66,362.63
1,000	60	125.51	500	0.19	180	150.84	5	0.73	1.9	70,813.06
1,000	60	128.99	500	0.19	180	158.06	7	1.32	2.66	74,576.28
1,000	60	131.07	500	0.19	180	162.42	9	2.06	3.42	76,825.70
1,200	60	120.42	600	0.26	180	147.73	5	0.73	1.9	78,374.69
1,200	60	124.12	600	0.26	180	155.54	7	1.32	2.66	83,177.18
1,200	60	126.36	600	0.26	180	160.31	9	2.06	3.42	86,081.51
1,600	60	121.78	800	0.43	180	163.08	13	3.95	4.94	106,849.30