

# Hot Water Coils

Fin Height X Fin Length	15.0 In. X 15.0 In.
Number of Tubes	15
Rows Deep X Fins / Inch	3.0 Rows X 12.0 Fins Per Inch
Tube O.D. and Thickness	3/8 In. X 0.14 Wall - Smooth Tubing
Fin Thickness and Material	.0030 Corrugated Aluminum Fins
Face Area	1.56 Square Feet
Approx. Weight of Coil	9.17 Lbs.
Number of Circuits	7
All performance test at 0 FT elevation	

Air Side Performance					Liquid Side Performance					
CFM Flow	Entering Air Dry Bulb Degrees F	Leaving Air Dry Bulb Degrees F	Face Vel SFPM	Air Pressure Drop IN, W, G.	Entering Water Temperature Degrees F	Leaving Water Temperature Degrees F	GPM Number of Gallons	Water Pressure Drop FT/HD	Liquid Velocity	Total BTU/HR
<b>Typical Air Applications</b>										
800	60	104.08	512	0.20	140	124.51	5	0.96	2.17	38,115.85
800	60	106.18	512	0.20	140	128.41	7	1.74	3.04	39,937.27
800	60	107.45	512	0.20	140	130.74	9	2.72	3.91	41,030.15
1000	60	100.02	640	0.29	140	122.42	5	0.96	2.17	43,256.18
1000	60	102.28	640	0.29	140	126.73	7	1.74	3.04	45,705.09
1000	60	103.66	640	0.29	140	129.34	9	2.72	3.91	47,194.95
1200	60	96.73	768	0.40	140	120.63	5	0.96	2.17	47,648.32
1200	60	99.10	768	0.40	140	125.28	7	1.74	3.04	50,719.84
1200	60	100.56	768	0.40	140	128.12	9	2.72	3.91	52,609.87

<b>Typical Wood Boiler Applications</b>										
800	60	127.00	512	0.20	180	156.14	5	0.89	2.17	57,938.59
800	60	130.01	512	0.20	180	162.19	7	1.61	3.04	60,544.47
800	60	131.89	512	0.20	180	165.79	9	2.51	3.91	62,095.27
1000	60	120.94	640	0.29	180	152.87	5	0.89	2.17	65,879.88
1000	60	124.21	640	0.29	180	159.59	7	1.61	3.04	69,404.27
1000	60	126.17	640	0.29	180	163.64	9	2.51	3.91	71,530.33
1200	60	116.03	768	0.40	180	150.07	5	0.89	2.17	72,681.34
1200	60	119.46	768	0.40	180	157.31	7	1.61	3.04	77,129.00
1200	60	121.55	768	0.40	180	161.74	9	2.51	3.91	79,838.19
1250	60	121.95	800	0.43	180	164.33	11	3.58	4.77	83,701.71