

Hot Water Coils

Fin Height X Fin Length	12.0 In. X 12.0 In
Number of Tubes	12
Rows Deep X Fins / Inch	3.0 Rows x 12.0 Fin 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	1.00 Square Feet
Approx. Weight of Coil	5.96 Lbs.
Number of Circuits	6
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
Typical Air Applications										
400	60	110.16	400	0.13	140	131.19	5	1.03	2.53	21,686.86
400	60	111.65	400	0.13	140	133.52	7	1.87	3.54	22,333.13
400	60	112.53	400	0.13	140	134.87	9	2.92	4.56	22,714.49
500	60	106.30	500	0.19	140	129.83	5	1.03	2.53	25,024.46
500	60	107.96	500	0.19	140	132.47	7	1.87	3.54	25,921.78
500	60	108.95	500	0.19	140	134.03	9	2.92	4.56	26,457.50
600	60	103.11	600	0.26	140	128.64	5	1.03	2.53	27,960.29
600	60	104.89	600	0.26	140	131.55	7	1.87	3.54	29,116.34
600	60	105.97	600	0.26	140	133.27	9	2.92	4.56	29,812.75

Typical Wood Boiler Applications										
400	60	136.02	400	0.13	180	166.46	5	0.95	2.53	32,871.05
400	60	138.11	400	0.13	180	170.07	7	1.73	3.54	33,773.42
400	60	139.34	400	0.13	180	172.15	9	2.7	4.56	34,303.71
500	60	130.30	500	0.19	180	164.35	5	0.95	2.53	37,997.36
500	60	132.64	500	0.19	180	168.45	7	1.73	3.54	39,258.27
500	60	134.02	500	0.19	180	170.85	9	2.7	4.56	40,005.27
600	60	125.56	600	0.26	180	162.49	5	0.95	2.53	42,521.94
600	60	128.08	600	0.26	180	167.01	7	1.73	3.54	44,154.58
600	60	129.58	600	0.26	180	169.68	9	2.7	4.56	45,128.90
800	60	123.13	800	0.43	180	168.76	10	3.25	5.06	54,589.77