

Hot Water Coils

Fin Height X Fin Length	20.0 In. X 19.0 In.
Number of Tubes	20
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	2.64 Square Feet
Approx. Weight of Coil	15.26 Lbs.
Number of Circuits	10
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										
1000	60	106.22	378.95	0.114	140	119.69	5	0.55	1.52	49,965.36
1000	60	108.83	378.95	0.114	140	124.68	7	1	2.13	52,779.27
1000	60	110.39	378.95	0.114	140	127.70	9	1.56	2.73	54,464.70
1300	60	101.14	492.63	0.182	140	116.50	5	0.55	1.52	57,814.32
1300	60	104.00	492.63	0.182	140	122.05	7	1	2.13	61,829.74
1300	60	105.74	492.63	0.182	140	125.49	9	1.56	2.73	64,282.28
1500	60	98.38	568.42	0.24	140	114.71	5	0.55	1.52	62,237.99
1500	60	101.35	568.42	0.24	140	120.54	7	1	2.13	67,042.82
1500	60	103.18	568.42	0.24	140	124.19	9	1.56	2.73	70,012.36

Typical Wood Boiler Applications										
1000	60	130.27	378.95	0.114	180	148.72	5	0.51	1.52	75,956.99
1000	60	134.03	378.95	0.114	180	156.46	7	0.92	2.13	80,026.71
1000	60	136.27	378.95	0.114	180	161.14	9	1.44	2.73	82,440.86
1300	60	122.68	492.63	0.182	180	143.73	5	0.51	1.52	88,081.88
1300	60	126.85	492.63	0.182	180	152.37	7	0.92	2.13	93,936.68
1300	60	129.37	492.63	0.182	180	157.70	9	1.44	2.73	97,477.28
1500	60	118.55	568.42	0.24	180	140.91	5	0.51	1.52	94,934.66
1500	60	122.89	568.42	0.24	180	150.01	7	0.92	2.13	101,974.40
1500	60	125.55	568.42	0.24	180	155.69	9	1.44	2.73	106,277.80
2100	60	119.92	795.79	0.43	180	161.33	15	4.79	5.06	136,026.40