

Hot Water Coils

Fin Height X Fin Length	18.0 In. X 18.0 In.
Number of Tubes	18
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	2.25 Square Feet
Approx. Weight of Coil	13.05 Lbs.
Number of Circuits	9
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	104.32	444.45	0.152	140	120.53	5	0.64	1.69	47,911.29
1000	60	106.83	444.45	0.152	140	125.30	7	1.16	2.36	50,623.65
1000	60	108.34	444.45	0.152	140	128.20	9	1.81	3.04	52,257.57
1300	60	99.34	577.78	0.242	140	117.53	5	0.64	1.69	55,288.75
1300	60	102.07	577.78	0.242	140	122.84	7	1.16	2.36	59,116.70
1300	60	103.74	577.78	0.242	140	126.12	9	1.81	3.04	61,465.04
1500	60	96.66	666.67	0.312	140	115.84	5	0.64	1.69	59,445.32
1500	60	99.47	666.67	0.312	140	121.42	7	1.16	2.36	64,001.36
1500	60	101.22	666.67	0.312	140	124.91	9	1.81	3.04	66,828.02

Typical Wood Boiler Applications										
1000	60	127.42	444.45	0.152	180	149.99	5	0.59	1.69	72,878.42
1000	60	131.05	444.45	0.152	180	157.41	7	1.07	2.36	76,797.37
1000	60	133.21	444.45	0.152	180	161.90	9	1.67	3.04	79,134.05
1300	60	119.98	577.78	0.242	180	145.29	5	0.59	1.69	84,289.10
1300	60	123.95	577.78	0.242	180	153.57	7	1.07	2.36	89,862.30
1300	60	126.36	577.78	0.242	180	158.67	9	1.67	3.04	93,248.41
1500	60	115.96	666.67	0.312	180	142.64	5	0.59	1.69	90,735.55
1500	60	120.07	666.67	0.312	180	151.35	7	1.07	2.36	97,398.71
1500	60	122.59	666.67	0.312	180	156.76	9	1.67	3.04	101,490.10
1800	60	121.95	800	0.43	180	163.46	15	4.14	5.06	120,536.60