

W.S.D. 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 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	1.00 Square Feet
Approx Weight of Coil	5.96 lbs.
Number of Circuits	6
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	BTU/HR	Total BTU
Typical Hydro Air Application											
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 Application											
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	2.70	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	2.70	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	2.70	4.56	45,128.90	
800	60	123.13	800	0.43	180	168.76	10	3.25	5.06	54,589.77	