

Model BDAH-01 Boiler Heating Data

Heating Capacities based upon 0% Glycol								
CFM	P.D. (Ft. H ₂ O)	GPM	130°F Entering Water		155°F Entering Water		180°F Entering Water	
			70°F Entering Air		70°F Entering Air		70°F Entering Air	
			Total MB/H	Exit H ₂ O°F	Total MB/H	Exit H ₂ O°F	Total MB/H	Exit H ₂ O°F
300	2.2	2	16.5	113.3	23.5	131	30.6	148.5
	4.7	3	17.5	119.2	24.9	138.1	32.3	157.9
	8	4	17.9	120.9	25.5	142	33.1	163
350	2.2	2	18.2	111.6	26	128.5	33.8	160.8
	4.7	3	19.5	116.8	27.9	136	36.2	128.5
	8	4	20.2	119.7	28.8	140.3	37.4	136
400	2.2	2	19.7	110.1	28.1	126.3	36.6	142.3
	4.7	3	21.4	115.5	30.5	134.2	39.7	152.8
	8	4	22.3	118.7	31.8	138.8	41.3	158.8
500	2.2	2	22.1	107.6	31.6	122.7	41.3	137.5
	4.7	3	24.6	113.4	35.1	131.1	45.7	148.6
	8	4	26	116.9	37	136.1	48.1	155.3

Model BDAH-02 Boiler Heating Data

Heating Capacities based upon 0% Glycol								
CFM	P.D. (Ft. H ₂ O)	GPM	130°F Entering Water		155°F Entering Water		180°F Entering Water	
			70°F Entering Air		70°F Entering Air		70°F Entering Air	
			Total MB/H	Exit H ₂ O°F	Total MB/H	Exit H ₂ O°F	Total MB/H	Exit H ₂ O°F
600	1	2	29.2	100.4	41.7	112.4	54.2	124.2
	2.1	3	33	107.7	47.1	122.9	61.2	138
	3.6	4	35	112.3	50	129.6	64.7	146.8
700	1	2	31.4	98.1	44.8	109.2	58.3	120
	2.1	3	36.3	105.5	51.8	119.8	67.3	133.8
	3.6	4	38.9	110.3	55.4	126.7	72.1	142.9
800	1	2	33.2	96.3	47.4	106.6	61.7	116.5
	2.1	3	39	103.6	55.7	117.1	72.5	130.3
	3.6	4	42.3	108.5	60.4	124.2	78.5	139.6
950	1	2	35.4	94.1	50.6	103.3	65.8	112.3
	2.1	3	42.5	101.3	60.7	113.7	79	125.8
	3.6	4	46.8	106.3	66.8	120.9	86.9	135.3

Model BDAH-03 Boiler Heating Data

Heating Capacities based upon 0% Glycol								
CFM	P.D. (Ft. H2O)	GPM	130°F Entering Water		155°F Entering Water		180°F Entering Water	
			70°F Entering Air		70°F Entering Air		70°F Entering Air	
			Total MB/H	Exit H2O°F	Total MB/H	Exit H2O°F	Total MB/H	Exit H2O°F
1000	0.8	2	38	91.4	54.2	99.6	70.4	107.5
	4.1	5	54.4	107.9	77.5	123.3	100.8	138.5
	9.8	8	58.9	115.1	83.8	133.6	108.9	152
1100	0.8	2	39.2	90.2	55.9	97.8	72.7	105.2
	4.1	5	57.6	106.6	82.2	121.4	106.9	136
	9.9	8	63.2	114	90	132	116.9	149.9
1200	0.8	2	40.3	89.1	57.5	96.3	74.6	103.1
	4.1	5	60.6	105.4	86.4	119.7	112.4	133.7
	9.9	8	67.2	112.9	95.8	130.6	124.5	148
1350	0.8	2	41.6	87.8	59.4	94.3	77.1	100.6
	4.1	5	64.5	103.8	92.1	117.4	119.8	130.7
	9.9	8	72.7	111.6	103.6	128.6	134.7	145.4

Model BDAH-04 Boiler Heating Data

Heating Capacities based upon 0% Glycol								
CFM	P.D. (Ft. H2O)	GPM	130°F Entering Water		155°F Entering Water		180°F Entering Water	
			70°F Entering Air		70°F Entering Air		70°F Entering Air	
			Total MB/H	Exit H2O°F	Total MB/H	Exit H2O°F	Total MB/H	Exit H2O°F
1400	2.5	5	72.1	100.8	102.8	113	133.8	124.9
	4.7	7	78.9	107.1	112.6	122.2	146.4	137
	7.4	9	82.6	111.4	117.7	128.3	152.9	145.1
1500	2.5	5	74.6	99.7	106.5	111.5	138.6	122.9
	4.7	7	82.4	106.1	117.6	120.7	152.9	135.1
	7.4	9	86.7	110.5	123.5	127	160.6	143.3
1600	2.5	5	77	98.8	109.9	110.1	143	121.1
	4.7	7	85.7	105.2	122.2	119.3	159	133.3
	7.4	9	90.5	109.6	129	125.7	167.8	141.7
1750	2.5	5	80.1	97.5	114.4	118.7	148.9	118.7
	4.7	7	90.1	103.9	128.6	130.8	167.3	130.8
	7.4	9	95.9	108.4	136.7	139.4	177.8	139.4

Model BDAH-05 Boiler Heating Data

Heating Capacities based upon 0% Glycol								
CFM	P.D. (Ft. H2O)	GPM	130°F Entering Water		155°F Entering Water		180°F Entering Water	
			70°F Entering Air		70°F Entering Air		70°F Entering Air	
			Total MB/H	Exit H2O°F	Total MB/H	Exit H2O°F	Total MB/H	Exit H2O°F
1800	2.18	5	82.9	96.3	118.3	106.6	153.9	116.6
	4.04	7	93.5	102.9	133.4	116.1	173.5	129
	6.4	9	99.6	107.5	142	122.8	184.6	137.8
1900	2.18	5	84.8	95.6	121	105.5	157.4	115.2
	4.04	7	96.3	102.1	137.3	114.9	178.6	127.5
	6.41	9	103	106.8	146.8	121.7	190.9	136.4
2000	2.18	5	86.6	94.9	123.5	104.5	160.6	114
	4.04	7	98.8	101.3	141	113.8	183.5	126
	6.41	9	106.2	106.1	151.4	120.6	196.9	135
2150	2.18	5	89	93.9	126.9	103.1	165	112
	4.04	7	102.4	100.3	146.1	112.4	190.1	124.1
	6.42	9	110.6	105	157.8	119.2	205.3	133.1