

PERFORMANCE DATA

BHC EXPOSED CABINET

2-PIPE SYSTEM							
Model	2 Rows Cooling (1)				2 Rows Heating (1)		
	Total MBH	Sensible MBH	Flow gpm	PD ft wg	Sensible MBH	Flow gpm	PD ft wg
BHC02	3.9	3.2	0.8	0.31	12.5	0.9	0.29
BHC03	5.8	4.7	1.2	0.74	18.2	1.2	0.66
BHC04	8.3	6.6	1.7	1.68	25.4	1.7	1.40
BHC06	11.2	9.3	2.3	0.86	36.5	2.5	0.91
BHC08	14.9	11.8	3.0	1.64	45.5	3.1	1.55
BHC10	20.5	16.0	4.1	3.41	60.4	4.1	2.99
BHC12	23.2	18.6	4.6	2.32	71.3	4.9	2.34

4-PIPE SYSTEM							
Model	2 Rows Cooling				1 Row Heating		
	Total MBH	Sensible MBH	Flow gpm	PD ft wg	Sensible MBH	Flow gpm	PD ft wg
BHC02	3.7	3.0	0.7	0.29	8.0	0.5	0.46
BHC03	5.6	4.5	1.1	0.69	11.4	0.8	0.98
BHC04	8.0	6.3	1.6	1.56	15.5	1.1	2.02
BHC06	10.8	8.9	2.2	0.80	22.7	1.6	5.55
BHC08	14.2	11.3	2.8	1.50	28.0	1.9	1.40
BHC10	19.6	15.2	3.9	3.14	36.6	2.5	2.77
BHC12	22.1	17.7	4.4	2.12	43.6	3.0	4.43

2-PIPE SYSTEM							
Model	3 Rows Cooling				3 Rows Heating		
	Total MBH	Sensible MBH	Flow gpm	PD ft wg	Sensible MBH	Flow gpm	PD ft wg
BHC02	5.5	4.0	1.1	0.92	16.0	1.1	0.71
BHC03	8.2	6.0	1.6	2.16	23.6	1.6	1.62
BHC04	11.8	8.6	2.3	4.85	33.1	2.3	3.49
BHC06	16.2	12.1	3.2	2.29	47.6	3.3	1.97
BHC08	20.9	15.2	4.2	4.19	59.1	4.0	3.35
BHC10	26.4	19.7	5.3	3.40	77.3	5.3	3.09
BHC12	32.7	23.9	6.5	5.57	92.8	6.3	4.77

4-PIPE SYSTEM							
Model	3 Rows Cooling				1 Row Heating		
	Total MBH	Sensible MBH	Flow gpm	PD ft wg	Sensible MBH	Flow gpm	PD ft wg
BHC02	5.3	3.8	1.1	0.84	7.6	0.5	0.43
BHC03	7.8	5.7	1.6	1.98	10.9	0.7	0.92
BHC04	11.2	8.1	2.2	4.43	14.8	1.0	1.90
BHC06	15.5	11.4	3.1	2.08	21.7	1.5	5.19
BHC08	20.0	14.4	4.0	3.85	26.8	1.8	1.43
BHC10	25.3	18.6	5.0	3.12	35.0	2.4	2.74
BHC12	31.2	22.7	6.2	5.11	41.8	2.9	4.42

2-PIPE SYSTEM							
Model	4 Rows Cooling				4 Rows Heating		
	Total MBH	Sensible MBH	Flow gpm	PD ft wg	Sensible MBH	Flow gpm	PD ft wg
BHC02	6.6	4.5	1.3	1.70	17.6	1.2	1.13
BHC03	9.8	6.7	2.0	4.04	26.2	1.8	2.64
BHC04	12.3	9.0	2.5	1.35	36.0	2.5	1.15
BHC06	19.6	13.7	3.9	4.06	53.2	3.6	3.00
BHC08	23.3	16.4	4.7	2.83	64.9	4.4	2.35
BHC10	31.9	22.3	6.4	5.73	86.5	5.9	4.51
BHC12	37.3	26.3	7.5	5.34	100.3	7.0	4.52

4-PIPE SYSTEM							
Model	4 Rows Cooling				1 Row Heating		
	Total MBH	Sensible MBH	Flow gpm	PD ft wg	Sensible MBH	Flow gpm	PD ft wg
BHC02	6.2	4.2	1.2	1.54	7.3	0.5	0.40
BHC03	9.3	6.3	1.9	3.65	10.3	0.7	0.86
BHC04	11.7	8.5	2.3	1.22	14.1	1.0	1.75
BHC06	18.6	12.9	3.7	3.65	20.7	1.4	4.83
BHC08	22.0	15.4	4.4	2.53	25.5	1.7	1.38
BHC10	30.2	20.9	6.0	5.18	33.4	2.3	2.72
BHC12	35.3	24.7	7.1	4.79	39.8	2.7	4.27

2-PIPE SYSTEM							
Model	5 Rows Cooling				5 Rows Heating		
	Total MBH	Sensible MBH	Flow gpm	PD ft wg	Sensible MBH	Flow gpm	PD ft wg
BHC02	7.1	4.7	1.4	2.49	18.0	1.2	1.47
BHC03	9.5	6.6	1.9	0.88	26.4	1.8	0.68
BHC04	13.8	9.5	2.8	1.98	37.6	2.6	1.47
BHC06	21.5	14.4	4.3	5.79	55.1	3.8	3.79
BHC08	25.7	17.3	5.2	3.92	67.2	4.6	2.87
BHC10	33.7	22.9	6.7	4.52	89.1	6.1	3.57
BHC12	41.2	27.7	8.2	7.16	110.6	7.3	5.41

- Standard basic unit.
- All ratings are based at sea level altitude, nominal air volumes at 0 external static pressure and with water as the cooling fluid.

- Cooling capacities are based on 80°F DB/67°F WB entering air, 45°F entering water, 10°F water temperature rise and high fan speed.
- Heating capacities are based on 70°F DB entering air temperature, 180°F entering hot water, 30°F water temperature drop and high fan speed.

PERFORMANCE DATA

Nominal Air Volumes			
Model	cfm (1)		
	High	Med	Low
BHC02	203	171	155
BHC03	316	278	219
BHC04	460	342	262
BHC06	658	535	396
BHC08	803	621	487
BHC10	1081	803	621
BHC12	1284	893	717

1. Nominal air volume ratings are based on a 2-row coil at sea level altitude with 0 external static pressure.

Model	Motor	
	HP	Total AMPS
BHC02	1/20	0.8
BHC03	1/20	0.8
BHC04	1/20	0.8
BHC06	1/10	1.5
BHC08	1/10	1.5
BHC10	1/10	1.5
BHC12	1/10	1.5

1. Electric ratings are based on units suitable for a power supply of 115V/1Ph/60Hz.