

PERFORMANCE DATA

HBE EXPOSED CABINET

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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
HBE02	3.9	3.2	0.8	0.31	12.5	0.9	0.29
HBE03	5.8	4.7	1.2	0.74	18.2	1.2	0.66
HBE04	8.3	6.6	1.7	1.68	25.4	1.7	1.40
HBE06	11.2	9.3	2.3	0.86	36.5	2.5	0.91
HBE08	14.9	11.8	3.0	1.64	45.5	3.1	1.55
HBE10	20.5	16.0	4.1	3.41	60.4	4.1	2.99
HBE12	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
HBE02	3.7	3.0	0.7	0.29	8.0	0.5	0.46
HBE03	5.6	4.5	1.1	0.69	11.4	0.8	0.98
HBE04	8.0	6.3	1.6	1.56	15.5	1.1	2.02
HBE06	10.8	8.9	2.2	0.80	22.7	1.6	5.55
HBE08	14.2	11.3	2.8	1.50	28.0	1.9	1.40
HBE10	19.6	15.2	3.9	3.14	36.6	2.5	2.77
HBE12	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
HBE02	5.5	4.0	1.1	0.92	16.0	1.1	0.71
HBE03	8.2	6.0	1.6	2.16	23.6	1.6	1.62
HBE04	11.8	8.6	2.3	4.85	33.1	2.3	3.49
HBE06	16.2	12.1	3.2	2.29	47.6	3.3	1.97
HBE08	20.9	15.2	4.2	4.19	59.1	4.0	3.35
HBE10	26.4	19.7	5.3	3.40	77.3	5.3	3.09
HBE12	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
HBE02	5.3	3.8	1.1	0.84	7.6	0.5	0.43
HBE03	7.8	5.7	1.6	1.98	10.9	0.7	0.92
HBE04	11.2	8.1	2.2	4.43	14.8	1.0	1.90
HBE06	15.5	11.4	3.1	2.08	21.7	1.5	5.19
HBE08	20.0	14.4	4.0	3.85	26.8	1.8	1.43
HBE10	25.3	18.6	5.0	3.12	35.0	2.4	2.74
HBE12	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
HBE02	6.6	4.5	1.3	1.70	17.6	1.2	1.13
HBE03	9.8	6.7	2.0	4.04	26.2	1.8	2.64
HBE04	12.3	9.0	2.5	1.35	36.0	2.5	1.15
HBE06	19.6	13.7	3.9	4.06	53.2	3.6	3.00
HBE08	23.3	16.4	4.7	2.83	64.9	4.4	2.35
HBE10	31.9	22.3	6.4	5.73	86.5	5.9	4.51
HBE12	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
HBE02	6.2	4.2	1.2	1.54	7.3	0.5	0.40
HBE03	9.3	6.3	1.9	3.65	10.3	0.7	0.86
HBE04	11.7	8.5	2.3	1.22	14.1	1.0	1.75
HBE06	18.6	12.9	3.7	3.65	20.7	1.4	4.83
HBE08	22.0	15.4	4.4	2.53	25.5	1.7	1.38
HBE10	30.2	20.9	6.0	5.18	33.4	2.3	2.72
HBE12	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
HBE02	7.1	4.7	1.4	2.49	18.0	1.2	1.47
HBE03	9.5	6.6	1.9	0.88	26.4	1.8	0.68
HBE04	13.8	9.5	2.8	1.98	37.6	2.6	1.47
HBE06	21.5	14.4	4.3	5.79	55.1	3.8	3.79
HBE08	25.7	17.3	5.2	3.92	67.2	4.6	2.87
HBE10	33.7	22.9	6.7	4.52	89.1	6.1	3.57
HBE12	41.2	27.7	8.2	7.16	110.6	7.3	5.41

Nominal Air Volumes			
Model	cfm (1)		
	High	Med	Low
HBE02	203	171	155
HBE03	316	278	219
HBE04	460	342	262
HBE06	658	535	396
HBE08	803	621	487
HBE10	1081	803	621
HBE12	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
HBE02	1/20	0.8
HBE03	1/20	0.8
HBE04	1/20	0.8
HBE06	1/10	1.5
HBE08	1/10	1.5
HBE10	1/10	1.5
HBE12	1/10	1.5

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

- 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