VBA ANGLED TOP 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
VBA02	4.0	3.4	0.8	0.31	13.4	0.9	0.32
VBA03	5.5	4.5	1.1	0.65	17.8	1.2	0.61
VBA04	7.8	6.2	1.6	1.43	23.9	1.6	1.22
VBA06	11.0	9.1	2.2	0.80	35.9	2.4	0.87
VBA08	14.4	11.5	2.9	1.52	44.3	3.0	1.45
VBA10	19.1	14.8	3.8	2.94	56.2	3.8	2.58
VBA12	21.8	17.3	4.3	2.04	66.9	4.6	2.05

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
VBA02	3.8	3.2	0.8	0.29	8.6	0.6	0.49
VBA03	5.3	4.3	1.1	0.61	11.1	0.8	0.90
VBA04	7.5	5.9	1.5	1.33	14.7	1.0	1.76
VBA06	10.5	8.7	2.1	0.74	22.4	1.5	5.24
VBA08	13.7	11.0	2.7	1.39	27.3	1.9	9.08
VBA10	18.3	14.1	3.6	2.71	34.2	2.3	16.70
VBA12	20.8	16.5	4.2	1.87	41.1	2.8	27.52

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
VBA02	5.8	4.3	1.2	0.96	17.5	1.2	0.79
VBA03	7.9	5.9	1.6	1.95	23.1	1.6	1.51
VBA04	11.0	8.0	2.2	4.14	31.2	2.1	3.03
VBA06	15.8	11.9	3.2	2.15	46.9	3.2	1.88
VBA08	20.3	14.8	4.1	3.89	57.5	3.9	3.14
VBA10	24.5	18.2	4.9	2.92	71.6	4.9	2.64
VBA12	30.7	22.3	6.1	4.88	86.8	5.9	4.16

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
VBA02	5.5	4.1	1.1	0.89	8.2	0.6	0.46
VBA03	7.5	5.6	1.5	1.78	10.6	0.7	0.85
VBA04	10.5	7.6	2.1	3.79	14.0	1.0	1.66
VBA06	15.1	11.2	3.0	1.97	21.3	1.5	4.91
VBA08	19.4	14.0	3.9	3.57	26.1	1.8	8.49
VBA10	23.4	17.2	4.7	2.67	32.7	2.2	15.54
VBA12	29.3	21.1	5.9	4.47	39.4	2.7	25.60

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
VBA02	7.0	4.9	1.4	1.86	19.5	1.3	1.30
VBA03	9.5	6.6	1.9	3.70	25.8	1.8	2.48
VBA04	11.5	8.4	2.3	1.16	34.0	2.3	1.01
VBA06	19.2	13.4	3.8	3.84	52.5	3.6	2.87
VBA08	24.2	16.6	4.8	6.79	64.0	4.4	4.75
VBA10	29.6	20.5	5.9	4.91	79.8	5.4	3.83
VBA12	36.6	25.1	7.3	8.13	96.5	6.6	6.03

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
VBA02	6.7	4.6	1.3	1.68	7.8	0.5	0.43
VBA03	9.0	6.2	1.8	3.34	10.1	0.7	0.80
VBA04	10.9	7.9	2.2	1.04	13.4	0.9	1.53
VBA06	18.2	12.6	3.6	3.46	20.4	1.4	4.57
VBA08	22.9	15.6	4.6	6.12	24.9	1.7	7.88
VBA10	27.9	19.3	5.6	4.41	31.2	2.1	14.38
VBA12	34.6	23.6	6.9	7.30	37.6	2.6	23.69

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
VBA02	7.7	5.2	1.5	2.79	20.0	1.4	1.73
VBA03	10.4	7.0	2.1	5.51	26.7	1.8	3.31
VBA04	13.0	9.0	2.6	1.71	35.0	2.4	1.29
VBA06	21.1	14.1	4.2	5.47	54.4	3.7	3.63
VBA08	26.4	17.4	5.3	9.56	66.1	4.5	6.00
VBA10	32.4	21.5	6.5	6.73	82.5	5.6	4.67
VBA12	39.8	26.3	7.9	11.02	99.7	6.8	7.36

1. Standard basic unit
2. All ratings are based at sea level altitude, nominal air volumes at 0 external static pressure and with water as the cooling fluid
3. 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
4. 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

Nominal Air Volumes			
Model	cfm (1)		
	High	Med	Low
VBA02	235	209	182
VBA03	316	262	203
VBA04	433	310	225
VBA06	653	471	321
VBA08	781	615	449
VBA10	979	861	567
VBA12	1177	931	642

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
VBA02	1/30	0.5
VBA03	1/30	0.5
VBA04	1/20	0.8
VBA06	1/20	0.8
VBA08	1/20	0.8
VBA10	1/20	0.8
VBA12	1/20	0.8

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