

2-PIPE SYSTEM							
Model	3 Rows Cooling (1)				3 Rows Heating (1)		
	Total MBH	Sensible MBH	Flow GPM	PD ft WG	Sensible MBH	Flow GPM	PD ft WG
VHC06	16.2	13.7	3.2	3.84	52.9	3.6	3.58
VHC08	25.1	19.8	5.0	9.94	75.5	5.2	8.05
VHC10	31.0	23.5	6.2	16.30	89.6	6.1	12.36
VHC12	34.1	26.7	6.8	3.92	103.7	7.1	3.43
VHC14	43.1	33.2	8.6	6.62	128.0	8.7	5.54
VHC16	53.3	40.6	10.6	10.60	155.2	10.6	8.57
VHC18	60.4	45.3	12.1	14.44	172.6	11.8	11.26
VHC20	64.2	49.5	12.8	6.95	190.5	13.0	6.12

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
VHC06	20.5	15.8	4.1	7.77	61.8	4.2	6.31
VHC08	27.1	21.3	5.4	2.66	84.2	5.7	2.40
VHC10	33.6	25.2	6.7	4.34	99.6	6.8	3.61
VHC12	38.5	29.1	7.7	2.53	116.0	7.9	2.28
VHC14	49.0	36.4	9.8	4.28	143.3	9.8	3.66
VHC16	60.7	44.7	12.1	6.85	174.1	11.9	5.64
VHC18	68.8	49.7	13.7	9.23	192.9	13.2	7.30
VHC20	74.6	54.9	14.9	6.49	214.7	14.7	5.63

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
VHC06	20.3	15.8	4.1	1.64	64.2	4.4	1.52
VHC08	31.2	22.9	6.2	4.14	90.4	6.2	3.30
VHC10	38.3	27.0	7.6	6.67	105.8	7.2	4.88
VHC12	43.7	31.0	8.7	3.75	122.8	8.4	2.97
VHC14	55.6	38.9	11.1	6.35	151.6	10.3	4.78
VHC16	65.6	46.5	13.1	5.28	182.4	12.4	4.32
VHC18	74.0	51.6	14.8	7.03	201.3	13.7	5.51
VHC20	84.4	58.6	16.8	9.36	227.1	15.5	7.20

2-PIPE SYSTEM							
Model	6 Rows Cooling				6 Rows Heating		
	Total MBH	Sensible MBH	Flow GPM	PD ft WG	Sensible MBH	Flow GPM	PD ft WG
VHC06	22.6	16.6	4.5	2.33	66.9	4.6	1.92
VHC08	34.3	23.8	6.8	5.76	93.4	6.4	4.10
VHC10	38.7	26.9	7.7	3.11	106.8	7.3	2.38
VHC12	47.5	32.1	9.5	5.01	125.4	8.6	3.55
VHC14	57.2	39.0	11.4	4.30	153.1	10.5	3.28
VHC16	70.9	48.1	14.2	6.85	186.7	12.7	5.07
VHC18	79.4	53.2	15.9	9.01	205.2	14.0	6.43
VHC20	90.3	60.3	18.0	11.94	231.6	15.8	8.41

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
VHC06	10.4	9.9	2.1	1.17	20.7	1.4	1.53
VHC08	16.8	14.5	3.3	3.24	30.6	2.1	3.67
VHC10	21.2	17.5	4.2	5.54	37.2	2.5	5.88
VHC12	26.6	21.2	5.3	9.53	42.8	2.9	1.35
VHC14	29.0	24.6	5.8	2.31	53.1	3.6	2.19
VHC16	36.2	30.2	7.2	3.76	64.2	4.4	3.42
VHC18	41.6	33.8	8.3	5.23	72.4	4.9	4.66
VHC20	47.1	38.2	9.4	6.95	81.4	5.6	6.15

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
VHC06	15.6	13.0	3.1	3.59	20.1	1.4	1.48
VHC08	24.2	18.9	4.8	9.33	29.7	2.0	3.54
VHC10	29.9	22.5	6.0	15.29	36.0	2.5	5.65
VHC12	32.7	25.4	6.5	3.64	41.5	2.8	1.35
VHC14	41.5	31.7	8.3	6.19	51.5	3.5	2.23
VHC16	51.4	38.8	10.3	9.92	62.2	4.2	3.47
VHC18	58.2	43.2	11.6	13.51	70.2	4.8	4.70
VHC20	61.8	47.3	12.3	6.49	78.9	5.4	6.10

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
VHC06	19.7	15.1	3.9	7.24	19.5	1.3	1.43
VHC08	26.0	20.2	5.2	2.46	28.7	2.0	3.36
VHC10	32.2	24.0	6.4	4.02	34.8	2.4	5.35
VHC12	36.9	27.6	7.4	2.33	40.1	2.7	1.33
VHC14	46.9	34.5	9.4	3.96	49.7	3.4	2.20
VHC16	58.2	42.4	11.6	6.34	60.2	4.1	3.42
VHC18	65.9	47.2	13.2	8.53	67.8	4.6	4.61
VHC20	71.5	52.1	14.3	5.99	76.2	5.2	5.99

4-PIPE SYSTEM							
Model	5 Rows Cooling				1 Row Heating		
	Total MBH	Sensible MBH	Flow GPM	PD ft WG	Sensible MBH	Flow GPM	PD ft WG
VHC06	19.4	15.0	3.9	1.50	19.0	1.3	1.36
VHC08	30.0	21.8	6.0	3.86	27.9	1.9	3.23
VHC10	36.6	25.7	7.3	6.15	33.7	2.3	5.12
VHC12	42.0	29.5	8.4	3.49	38.9	2.7	1.34
VHC14	53.0	36.9	10.6	5.84	48.2	3.3	2.20
VHC16	62.6	44.1	12.5	4.85	58.3	4.0	3.36
VHC18	70.6	49.0	14.1	6.44	65.6	4.5	4.51
VHC20	80.7	55.7	16.1	8.63	73.8	5.0	5.94

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.

Model	Motor	
	HP	Total AMPS
VHC06	1/4	3.6
VHC08	1/4	4.3
VHC10	1/4	4.3
VHC12	1/3	5.1
VHC14	2 x 1/4	2 x 4.2
VHC16	2 x 1/4	2 x 4.2
VHC18	2 x 1/4	2 x 4.5
VHC20	2 x 1/3	2 x 4.5

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

Nominal Air Volumes			
Model	cfm (1)		
	High	Med	Low
VHC06	840	683	584
VHC08	1122	801	660
VHC10	1054	1083	801
VHC12	1433	1189	934
VHC14	1763	1384	1166
VHC16	2160	1588	1325
VHC18	2333	2125	1629
VHC20	2642	2389	2018

1. Nominal air volume ratings are based on a 3-row coil at sea level altitude with 0 external static pressure.
2. Air volumes are based at high fan speed.