

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
AVC06	16.2	13.7	3.2	3.84	52.9	3.6	3.58
AVC08	25.1	19.8	5.0	9.94	75.5	5.2	8.05
AVC10	31.0	23.5	6.2	16.30	89.6	6.1	12.36
AVC12	34.1	26.7	6.8	3.92	103.7	7.1	3.43
AVC14	43.1	33.2	8.6	6.62	128.0	8.7	5.54
AVC16	53.3	40.6	10.6	10.60	155.2	10.6	8.57
AVC18	60.4	45.3	12.1	14.44	172.6	11.8	11.26
AVC20	64.2	49.5	12.8	6.95	190.5	13.0	6.12

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
AVC06	10.4	9.9	2.1	1.17	20.7	1.4	1.53
AVC08	16.8	14.5	3.3	3.24	30.6	2.1	3.67
AVC10	21.2	17.5	4.2	5.54	37.2	2.5	5.88
AVC12	26.6	21.2	5.3	9.53	42.8	2.9	1.35
AVC14	29.0	24.6	5.8	2.31	53.1	3.6	2.19
AVC16	36.2	30.2	7.2	3.76	64.2	4.4	3.42
AVC18	41.6	33.8	8.3	5.23	72.4	4.9	4.66
AVC20	47.1	38.2	9.4	6.95	81.4	5.6	6.15

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
AVC06	20.5	15.8	4.1	7.77	61.8	4.2	6.31
AVC08	27.1	21.3	5.4	2.66	84.2	5.7	2.40
AVC10	33.6	25.2	6.7	4.34	99.6	6.8	3.61
AVC12	38.5	29.1	7.7	2.53	116.0	7.9	2.28
AVC14	49.0	36.4	9.8	4.28	143.3	9.8	3.66
AVC16	60.7	44.7	12.1	6.85	174.1	11.9	5.64
AVC18	68.8	49.7	13.7	9.23	192.9	13.2	7.30
AVC20	74.6	54.9	14.9	6.49	214.7	14.7	5.63

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
AVC06	15.6	13.0	3.1	3.59	20.1	1.4	1.48
AVC08	24.2	18.9	4.8	9.33	29.7	2.0	3.54
AVC10	29.9	22.5	6.0	15.29	36.0	2.5	5.65
AVC12	32.7	25.4	6.5	3.64	41.5	2.8	1.35
AVC14	41.5	31.7	8.3	6.19	51.5	3.5	2.23
AVC16	51.4	38.8	10.3	9.92	62.2	4.2	3.47
AVC18	58.2	43.2	11.6	13.51	70.2	4.8	4.70
AVC20	61.8	47.3	12.3	6.49	78.9	5.4	6.10

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
AVC06	20.3	15.8	4.1	1.64	64.2	4.4	1.52
AVC08	31.2	22.9	6.2	4.14	90.4	6.2	3.30
AVC10	38.3	27.0	7.6	6.67	105.8	7.2	4.88
AVC12	43.7	31.0	8.7	3.75	122.8	8.4	2.97
AVC14	55.6	38.9	11.1	6.35	151.6	10.3	4.78
AVC16	65.6	46.5	13.1	5.28	182.4	12.4	4.32
AVC18	74.0	51.6	14.8	7.03	201.3	13.7	5.51
AVC20	84.4	58.6	16.8	9.36	227.1	15.5	7.20

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
AVC06	19.7	15.1	3.9	7.24	19.5	1.3	1.43
AVC08	26.0	20.2	5.2	2.46	28.7	2.0	3.36
AVC10	32.2	24.0	6.4	4.02	34.8	2.4	5.35
AVC12	36.9	27.6	7.4	2.33	40.1	2.7	1.33
AVC14	46.9	34.5	9.4	3.96	49.7	3.4	2.20
AVC16	58.2	42.4	11.6	6.34	60.2	4.1	3.42
AVC18	65.9	47.2	13.2	8.53	67.8	4.6	4.61
AVC20	71.5	52.1	14.3	5.99	76.2	5.2	5.99

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
AVC06	22.6	16.6	4.5	2.33	66.9	4.6	1.92
AVC08	34.3	23.8	6.8	5.76	93.4	6.4	4.10
AVC10	38.7	26.9	7.7	3.11	106.8	7.3	2.38
AVC12	47.5	32.1	9.5	5.01	125.4	8.6	3.55
AVC14	57.2	39.0	11.4	4.30	153.1	10.5	3.28
AVC16	70.9	48.1	14.2	6.85	186.7	12.7	5.07
AVC18	79.4	53.2	15.9	9.01	205.2	14.0	6.43
AVC20	90.3	60.3	18.0	11.94	231.6	15.8	8.41

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
AVC06	19.4	15.0	3.9	1.50	19.0	1.3	1.36
AVC08	30.0	21.8	6.0	3.86	27.9	1.9	3.23
AVC10	36.6	25.7	7.3	6.15	33.7	2.3	5.12
AVC12	42.0	29.5	8.4	3.49	38.9	2.7	1.34
AVC14	53.0	36.9	10.6	5.84	48.2	3.3	2.20
AVC16	62.6	44.1	12.5	4.85	58.3	4.0	3.36
AVC18	70.6	49.0	14.1	6.44	65.6	4.5	4.51
AVC20	80.7	55.7	16.1	8.63	73.8	5.0	5.94

- 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.

Model	Motor	
	HP	Total AMPS
AVC06	1/4	3.6
AVC08	1/4	4.3
AVC10	1/4	4.3
AVC12	1/3	5.1
AVC14	2 x 1/4	2 x 4.2
AVC16	2 x 1/4	2 x 4.2
AVC18	2 x 1/4	2 x 4.5
AVC20	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
AVC06	840	683	584
AVC08	1122	801	660
AVC10	1054	1083	801
AVC12	1433	1189	934
AVC14	1763	1384	1166
AVC16	2160	1588	1325
AVC18	2333	2125	1629
AVC20	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.