

PERFORMANCE DATA



Fan Coils

AVSS RECESSED HI-RISE REMOTE SECONDARY

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
AVSS03	9.5	6.8	1.9	4.35	24.7	1.7	2.71
AVSS04	10.8	7.9	2.2	5.57	29.0	2.0	3.66
AVSS06	14.9	11.1	3.0	2.39	41.7	2.8	1.86
AVSS08	18.3	14.1	3.7	3.56	53.1	3.6	2.95
AVSS10	24.4	18.6	4.9	3.31	70.1	4.8	2.86
AVSS12	26.2	20.2	5.2	3.78	76.2	5.2	3.35

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
AVSS03	12.4	8.3	2.5	10.72	31.1	2.1	6.26
AVSS04	12.8	9.1	2.6	1.97	35.8	2.4	1.52
AVSS06	20.0	13.8	4.0	5.83	53.0	3.6	4.00
AVSS08	23.4	17.2	4.7	3.28	67.5	4.6	2.83
AVSS10	33.5	23.5	6.7	7.82	90.0	6.1	5.87
AVSS12	34.3	25.0	6.9	4.95	97.2	6.6	4.32

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
AVSS03	12.9	8.6	2.6	2.54	32.7	2.2	1.61
AVSS04	15.0	10.1	3.0	3.39	39.1	2.7	2.26
AVSS06	21.8	14.7	4.4	3.46	56.8	3.9	2.45
AVSS08	28.1	19.4	5.6	5.61	75.2	5.1	4.17
AVSS10	37.6	25.5	7.5	6.85	98.1	6.7	5.11
AVSS12	40.9	28.0	8.2	8.04	108.0	7.4	6.13

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
AVSS03	13.7	8.8	2.7	3.44	33.0	2.3	1.96
AVSS04	16.2	10.5	3.2	4.69	39.8	2.7	2.79
AVSS06	23.4	15.2	4.7	4.63	57.6	3.9	2.93
AVSS08	29.5	19.9	5.9	4.16	77.0	5.3	3.11
AVSS10	40.5	26.5	8.1	9.00	100.4	6.9	6.07
AVSS12	44.5	29.3	8.9	10.77	111.2	7.6	7.37

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
AVSS03	9.1	6.6	1.8	4.01	15.8	1.1	4.24
AVSS04	10.5	7.5	2.1	5.21	18.1	1.2	5.46
AVSS06	14.2	10.5	2.8	2.20	26.3	1.8	2.08
AVSS08	17.6	13.5	3.5	3.30	32.8	2.2	3.15
AVSS10	23.5	17.7	4.7	3.06	43.7	3.0	7.13
AVSS12	25.1	19.2	5.0	3.49	47.1	3.2	8.19

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
AVSS03	11.9	7.9	2.4	9.79	15.0	1.0	3.92
AVSS04	12.2	8.7	2.4	1.81	17.2	1.2	5.04
AVSS06	19.0	13.1	3.8	5.29	25.1	1.7	2.02
AVSS08	22.5	16.4	4.5	3.04	31.4	2.1	3.04
AVSS10	31.9	22.3	6.4	7.11	41.8	2.9	6.87
AVSS12	32.8	23.7	6.6	4.53	45.0	3.1	7.85

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
AVSS03	12.2	8.0	2.4	2.27	14.3	1.0	3.57
AVSS04	14.2	9.5	2.8	3.05	16.4	1.1	4.62
AVSS06	20.6	13.8	4.1	3.11	23.9	1.6	1.90
AVSS08	26.6	18.3	5.3	5.07	29.9	2.0	2.94
AVSS10	35.5	24.0	7.1	6.12	39.8	2.7	6.48
AVSS12	38.7	26.4	7.7	7.25	42.9	2.9	7.49

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.

PERFORMANCE DATA

Model	Motor	
	HP	Total AMPS
AVSS03	1/10	1.50
AVSS04	1/10	1.50
AVSS06	1/10	1.90
AVSS08	1/4	3.50
AVSS10	1/4	3.90
AVSS12	1/3	4.00

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

Model	Nominal Air Volumes		
	cfm (1)		
	High	Med	Low
AVSS03	362	303	254
AVSS04	445	355	293
AVSS06	643	488	399
AVSS08	916	731	576
AVSS10	1153	945	651
AVSS12	1300	1202	977

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