

AVSM RECESSED HI-RISE REMOTE PRIMARY

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
AVSM03	9.5	6.8	1.9	4.35	24.7	1.7	2.71
AVSM04	10.8	7.9	2.2	5.57	29.0	2.0	3.66
AVSM06	14.9	11.1	3.0	2.39	41.7	2.8	1.86
AVSM08	18.3	14.1	3.7	3.56	53.1	3.6	2.95
AVSM10	24.4	18.6	4.9	3.31	70.1	4.8	2.86
AVSM12	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
AVSM03	12.4	8.3	2.5	10.72	31.1	2.1	6.26
AVSM04	12.8	9.1	2.6	1.97	35.8	2.4	1.52
AVSM06	20.0	13.8	4.0	5.83	53.0	3.6	4.00
AVSM08	23.4	17.2	4.7	3.28	67.5	4.6	2.83
AVSM10	33.5	23.5	6.7	7.82	90.0	6.1	5.87
AVSM12	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
AVSM03	12.9	8.6	2.6	2.54	32.7	2.2	1.61
AVSM04	15.0	10.1	3.0	3.39	39.1	2.7	2.26
AVSM06	21.8	14.7	4.4	3.46	56.8	3.9	2.45
AVSM08	28.1	19.4	5.6	5.61	75.2	5.1	4.17
AVSM10	37.6	25.5	7.5	6.85	98.1	6.7	5.11
AVSM12	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
AVSM03	13.7	8.8	2.7	3.44	33.0	2.3	1.96
AVSM04	16.2	10.5	3.2	4.69	39.8	2.7	2.79
AVSM06	23.4	15.2	4.7	4.63	57.6	3.9	2.93
AVSM08	29.5	19.9	5.9	4.16	77.0	5.3	3.11
AVSM10	40.5	26.5	8.1	9.00	100.4	6.9	6.07
AVSM12	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
AVSM03	9.1	6.6	1.8	4.01	15.8	1.1	4.24
AVSM04	10.5	7.5	2.1	5.21	18.1	1.2	5.46
AVSM06	14.2	10.5	2.8	2.20	26.3	1.8	2.08
AVSM08	17.6	13.5	3.5	3.30	32.8	2.2	3.15
AVSM10	23.5	17.7	4.7	3.06	43.7	3.0	7.13
AVSM12	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
AVSM03	11.9	7.9	2.4	9.79	15.0	1.0	3.92
AVSM04	12.2	8.7	2.4	1.81	17.2	1.2	5.04
AVSM06	19.0	13.1	3.8	5.29	25.1	1.7	2.02
AVSM08	22.5	16.4	4.5	3.04	31.4	2.1	3.04
AVSM10	31.9	22.3	6.4	7.11	41.8	2.9	6.87
AVSM12	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
AVSM03	12.2	8.0	2.4	2.27	14.3	1.0	3.57
AVSM04	14.2	9.5	2.8	3.05	16.4	1.1	4.62
AVSM06	20.6	13.8	4.1	3.11	23.9	1.6	1.90
AVSM08	26.6	18.3	5.3	5.07	29.9	2.0	2.94
AVSM10	35.5	24.0	7.1	6.12	39.8	2.7	6.48
AVSM12	38.7	26.4	7.7	7.25	42.9	2.9	7.49

- 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.

## PERFORMANCE DATA

Model	Motor	
	HP	Total AMPS
AVSM03	1/10	1.50
AVSM04	1/10	1.50
AVSM06	1/10	1.90
AVSM08	1/4	3.50
AVSM10	1/4	3.90
AVSM12	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
AVSM03	362	303	254
AVSM04	445	355	293
AVSM06	643	488	399
AVSM08	916	731	576
AVSM10	1153	945	651
AVSM12	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.