

VSRS RECESSED HIGH-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
VSRS03	9.5	6.8	1.9	4.35	24.7	1.7	2.71
VSRS04	10.8	7.9	2.2	5.57	29.0	2.0	3.66
VSRS06	14.9	11.1	3.0	2.39	41.7	2.8	1.86
VSRS08	18.3	14.1	3.7	3.56	53.1	3.6	2.95
VSRS10	24.4	18.6	4.9	3.31	70.1	4.8	2.86
VSRS12	26.2	20.2	5.2	3.78	76.2	5.2	3.35

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
VSRS03	9.1	6.6	1.8	4.01	15.8	1.1	4.24
VSRS04	10.5	7.5	2.1	5.21	18.1	1.2	5.46
VSRS06	14.2	10.5	2.8	2.20	26.3	1.8	2.08
VSRS08	17.6	13.5	3.5	3.30	32.8	2.2	3.15
VSRS10	23.5	17.7	4.7	3.06	43.7	3.0	7.13
VSRS12	25.1	19.2	5.0	3.49	47.1	3.2	8.19

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
VSRS03	12.4	8.3	2.5	10.72	31.1	2.1	6.26
VSRS04	12.8	9.1	2.6	1.97	35.8	2.4	1.52
VSRS06	20.0	13.8	4.0	5.83	53.0	3.6	4.00
VSRS08	23.4	17.2	4.7	3.28	67.5	4.6	2.83
VSRS10	33.5	23.5	6.7	7.82	90.0	6.1	5.87
VSRS12	34.3	25.0	6.9	4.95	97.2	6.6	4.32

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
VSRS03	11.9	7.9	2.4	9.79	15.0	1.0	3.92
VSRS04	12.2	8.7	2.4	1.81	17.2	1.2	5.04
VSRS06	19.0	13.1	3.8	5.29	25.1	1.7	2.02
VSRS08	22.5	16.4	4.5	3.04	31.4	2.1	3.04
VSRS10	31.9	22.3	6.4	7.11	41.8	2.9	6.87
VSRS12	32.8	23.7	6.6	4.53	45.0	3.1	7.85

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
VSRS03	12.9	8.6	2.6	2.54	32.7	2.2	1.61
VSRS04	15.0	10.1	3.0	3.39	39.1	2.7	2.26
VSRS06	21.8	14.7	4.4	3.46	56.8	3.9	2.45
VSRS08	28.1	19.4	5.6	5.61	75.2	5.1	4.17
VSRS10	37.6	25.5	7.5	6.85	98.1	6.7	5.11
VSRS12	40.9	28.0	8.2	8.04	108.0	7.4	6.13

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
VSRS03	12.2	8.0	2.4	2.27	14.3	1.0	3.57
VSRS04	14.2	9.5	2.8	3.05	16.4	1.1	4.62
VSRS06	20.6	13.8	4.1	3.11	23.9	1.6	1.90
VSRS08	26.6	18.3	5.3	5.07	29.9	2.0	2.94
VSRS10	35.5	24.0	7.1	6.12	39.8	2.7	6.48
VSRS12	38.7	26.4	7.7	7.25	42.9	2.9	7.49

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
VSRS03	13.7	8.8	2.7	3.44	33.0	2.3	1.96
VSRS04	16.2	10.5	3.2	4.69	39.8	2.7	2.79
VSRS06	23.4	15.2	4.7	4.63	57.6	3.9	2.93
VSRS08	29.5	19.9	5.9	4.16	77.0	5.3	3.11
VSRS10	40.5	26.5	8.1	9.00	100.4	6.9	6.07
VSRS12	44.5	29.3	8.9	10.77	111.2	7.6	7.37

Model	Motor	
	HP	Total AMPS
VSRS03	1/10	1.50
VSRS04	1/10	1.50
VSRS06	1/10	1.90
VSRS08	1/4	3.50
VSRS10	1/4	3.90
VSRS12	1/3	4.00

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

- 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	Nominal Air Volumes		
	cfm (1)		
	High	Med	Low
VSRS03	362	303	254
VSRS04	445	355	293
VSRS06	643	488	399
VSRS08	916	731	576
VSRS10	1153	945	651
VSRS12	1300	1202	977

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

