

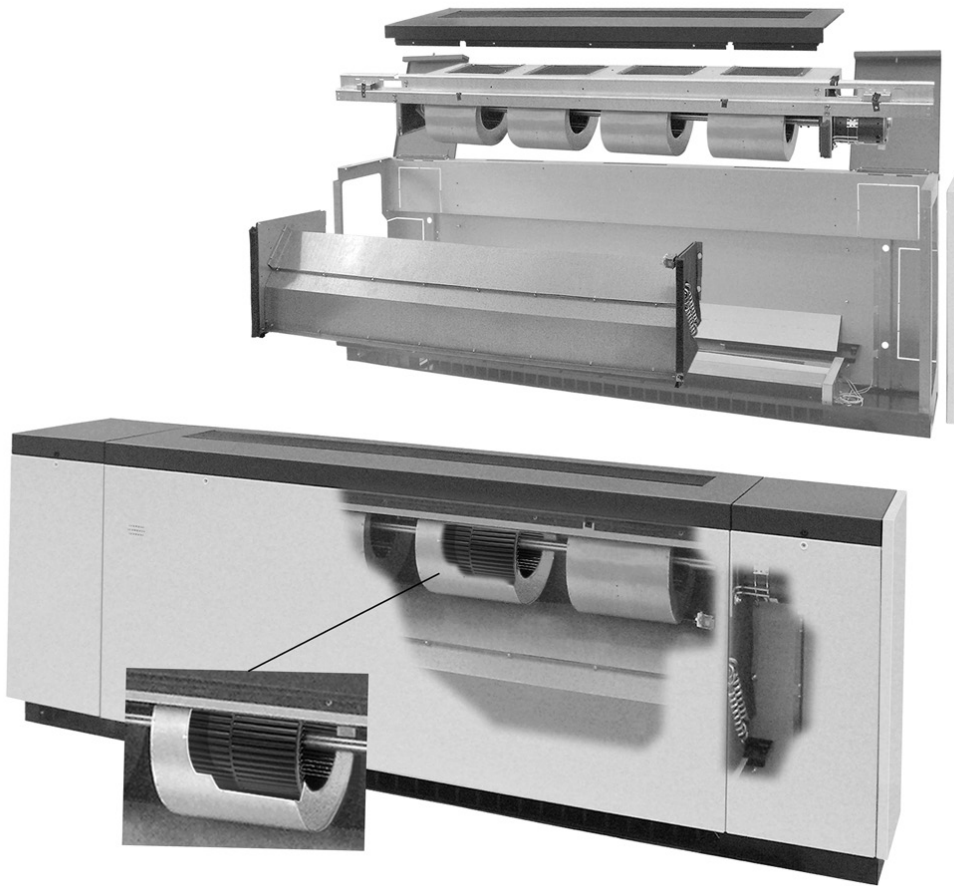
Group: Unit Vent

Type: Capacity Data

Date: October 2013

Daikin Classroom Unit Ventilator - Electric Heat Capacity Data

Floor Models AVS, AVV, AVR (F Vintage)



Electric Heating Selection

Table 1. Electric Heat Capacities, Amps, Wire Sizing, and Over-Current Protection

Unit Type	AVS AVV AVR	AVV AVR	AVS AVV AVR	AVV AVR	AVS AVV AVR	AVV AVR	AVS AVV AVR	AVV AVR	
CFM	750 (S07)		1000 (S10)		1250 (S13)		1500 (S15)		
Number of Electric Elements	3	6	3	6	3	6	3	6	
kW	6	12	8	16	10	20	12	24	
MBH	20.5	41	27.3	54.6	34.1	68.3	41	81.9	
Final Air Temp. °F (70°F Entering Air Temp.)	95.2	120.3	95.2	120.3	95.2	120.3	95.2	120.3	
Air Temperature Rise	25.2	50.3	25.2	50.3	25.2	50.3	25.2	50.3	
230-60-1	Electric Heating Amperes	25	50	33.3	66.6	41.7	83.4	50	100
	Unit Minimum Circuit Ampacity	34.1	65.3	44.4	86.1	54.9	107.1	65.3	127.8
	Maximum Fuse Size or Circuit Breaker Amps	35	70	45	90	60	110	70	150
265-60-1	Electric Heating Amperes	21.7	43.6	28.9	57.8	36.2	72.3	43.6	87.1
	Unit Minimum Circuit Ampacity	29.7	57	38.7	74.8	47.8	93	57	111.4
	Maximum Fuse Size or Circuit Breaker Amps	30	60	40	80	50	100	60	125
208-60-3	Electric Heating Amperes	16.7	33.3	22.2	44.4	27.8	55.5	33.3	66.6
	Unit Minimum Circuit Ampacity	24	44.7	30.9	58.6	37.9	72.5	44.7	86.4
	Maximum Fuse Size or Circuit Breaker Amps	25	45	35	60	40	80	45	90
230-60-3	Electric Heating Amperes	14.5	28.9	19.2	38.4	24.1	48.1	28.9	57.7
	Unit Minimum Circuit Ampacity	20.9	38.9	26.8	50.8	32.9	62.9	38.9	74.9
	Maximum Fuse Size or Circuit Breaker Amps	25	40	30	60	35	70	40	80
460-60-3	Electric Heating Amperes	7.2	14.5	9.6	19.2	16.4	31.4	14.4	28.9
	Unit Minimum Circuit Ampacity	10.4	19.5	13.4	25.5	21.9	40.7	19.4	37.5
	Maximum Fuse Size or Circuit Breaker Amps	15	20	15	30	25	45	20	40

Daikin Training and Development

Now that you have made an investment in modern, efficient Daikin equipment, its care should be a high priority. For training information on all Daikin HVAC products, please visit us at www.DaikinAP.com and click on training, or call 540-248-9646 and ask for the Training Department.

Warranty

All Daikin equipment is sold pursuant to its standard terms and conditions of sale, including Limited Product Warranty. Consult your local Daikin Representative for warranty details. Refer to Form 933-430285Y. To find your local Daikin Representative, go to www.DaikinAP.com.

Aftermarket Services

To find your local parts office, visit www.DaikinAP.com or call 800-37PARTS (800-377-2787). To find your local service office, visit www.DaikinAP.com or call 800-432-1342.

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