

Unit Ventilator Data
Classroom Ventilation Program

red - estimated
yellow - change from RFP

26-May-22

Room		Room Area		Unit Ventilator							Notes
No.	Use			Type	Make	Model	BTUH	GPM	°F	Conn.	
Blundell											
10101	Classroom	76.20	55.24	Horizontal	Daikin	UAVV9H13	60,000	3.00	180-140	L	abcde
10103	VP Office	12.19		Vertical	Apollo	VUV-1200	25,000	1.20	180-140	L/R	c
10104	P Office	15.48									
10106	Admin Office	27.57									
10107	Classroom	76.17		Horizontal	Daikin	UAVV9H13	60,000	3.00	180-140	L	abcde
10109	Classroom	75.77		Horizontal	Daikin	UAVV9H13	55,000	2.75	180-140	L	abcde
10110	Classroom	75.77		Horizontal	Daikin	UAVV9H13	55,000	2.75	180-140	L	abcde
10111	Classroom	84.30		Horizontal	Daikin	UAVV9H13	55,000	2.75	180-140	L	abcde
10112	Classroom	84.32		Horizontal	Daikin	UAVV9H13	55,000	2.75	180-140	L	abcde
10113	Multipurpose	76.17		Horizontal	Daikin	UAVV9H13	60,000	3.00	180-140	L	abcde
10121	Classroom	76.17		Horizontal	Daikin	UAVV9H13	60,000	3.00	180-140	R	abcde
10124	Staff Room	55.72		Horizontal	Daikin	UAVV9H10	52,000	2.60	180-140	L	abcde
10128	Resource	48.87		Horizontal	Daikin	UAVV9H10	52,000	2.60	180-140	L	abcde
10129	Library	136.49	147.71	Vertical	Apollo	VUV-1600	45,000	2.20	180-140	L/R	c
10129a	L Office	11.22									
10130	Tech Lab	76.59		Horizontal	Daikin	UAVV9H13	55,000	2.75	180-140	L	abcde
10136	Classroom	85.31		Horizontal	Daikin	UAVV9H13	55,000	2.75	180-140	L	abcde
10145	Classroom	93.40		Horizontal	Daikin	UAVV9H13	60,000	3.00	180-140	L	abcde
10146	Resource	84.82	90.83	Horizontal	Daikin	UAVV9H13	60,000	3.00	180-140	L	abcde
10146a	R Office	6.01									
10147	Resource	40.97	177.69	Vertical	Apollo	VUV-2000	27,000	1.40	180-140	L/R	c
10148	Resource	119.61									
10149	R Office	17.11									
Cook											
10120	Classroom	92.74		Horizontal	Daikin	UAVV9H15	58,000	2.90	180-140	L	abcde
10122	Classroom	94.01		Horizontal	Daikin	UAVV9H15	58,000	2.90	180-140	L	abcde
10123	Resource	54.03	62.98	Vertical	Apollo	VUV-1200	40,000	2.00	180-140	L/R	c
10124	R Office	8.95									
10147	Classroom	81.76		Horizontal	Daikin	UAVV9H13	50,000	2.50	180-140	L	abcde
10148	Classroom	79.83		Horizontal	Daikin	UAVV9H13	50,000	2.50	180-140	R	abcde
10149	Classroom	79.23		Horizontal	Daikin	UAVV9H13	55,000	2.75	180-140	R	abcde
10150	Classroom	80.14		Horizontal	Daikin	UAVV9H13	55,000	2.75	180-140	L	abcde
10161	Multipurpose	100.94		Horizontal	Daikin	UAVV9H15	64,000	3.20	180-140	L	abcde
10162	Library	147.45	194.30	Vertical	Apollo	VUV-2000	30,000	1.50	180-140	L/R	fg
10162a	L Office	13.91									
10158	Resource	16.52									
10158a	R Office	16.42									

Daikin			Apollo		
UAVV9H10	UAVV9H13	UAVV9H15	VUV-1200	VUV-1600	VUV-2000
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Unit Ventilator Data
Classroom Ventilation Program

red - estimated
yellow - change from RFP

26-May-22

Room		Room Area		Unit Ventilator							Notes
No.	Use			Type	Make	Model	BTUH	GPM	°F	Conn.	
Dixon											
10101	Classroom	85.23		Horizontal	Daikin	UAVV9H13	60,000	3.00	180-140	L	abcde
10102	Classroom	85.23		Horizontal	Daikin	UAVV9H13	60,000	3.00	180-140	R	abcde
10103	Classroom	85.01		Horizontal	Daikin	UAVV9H13	60,000	3.00	180-140	L	abcde
10104	Classroom	85.01		Horizontal	Daikin	UAVV9H13	60,000	3.00	180-140	R	abcde
10104a	Resource	42.93		Horizontal	Daikin	UAVV9H10	30,000	1.50	180-140	R	abcde
10105	Classroom	76.60		Horizontal	Daikin	UAVV9H13	60,000	3.00	180-140	L	abcde
10115	Tech Lab	76.68		Horizontal	Daikin	UAVV9H13	60,000	3.00	180-140	L	abcde
10120	Admin Office	16.68	95.36	Vertical	Apollo	VUV-1600	57,000	2.85	180-140	L/R	fg
10120a	Copy Room	8.02									
10121	P Office	11.66									
10122	VP Office	11.34									
10125	Staff Room	35.14									
10125b	Office	12.52									
10130	Library	152.00	170.16	Vertical	Apollo	VUV-2000	55,000	2.75	180-140	L/R	c
10130a	L Office	18.16									
10131	Classroom	76.46		Horizontal	Daikin	UAVV9H13	60,000	3.00	180-140	L	abcde
10132	Classroom	84.89		Horizontal	Daikin	UAVV9H13	60,000	3.00	180-140	L	abcde
10133	Classroom	76.46		Horizontal	Daikin	UAVV9H13	60,000	3.00	180-140	L	abcde
10134	Classroom	84.96		Horizontal	Daikin	UAVV9H13	60,000	3.00	180-140	L	abcde
10135	Classroom	76.46		Horizontal	Daikin	UAVV9H13	60,000	3.00	180-140	L	abcde
10136	Classroom	76.14		Horizontal	Daikin	UAVV9H13	60,000	3.00	180-140	L	abcde
10137	Classroom	76.46		Horizontal	Daikin	UAVV9H13	60,000	3.00	180-140	L	abcde
Ferris											
10101	Staff Room	57.96	121.46	Vertical	Apollo	VUV-1600	30,000	1.50	180-140	L/R	f
10102	P Office	11.07									
10103	Admin Office	34.49									
10103a	VP Office	9.01									
10104	A Circulation	8.93									
10173	Classroom	58.47		Horizontal	Daikin	UAVV9H13	55,000	2.75	180-140	L	abcde
10174	Classroom	78.92		Horizontal	Daikin	UAVV9H13	55,000	2.75	180-140	L	abcde
10175	Classroom	82.82		Horizontal	Daikin	UAVV9H13	60,000	3.00	180-140	L	abcde
10188	Classroom	81.25		Horizontal	Daikin	UAVV9H13	55,000	2.75	180-140	R	abcde

Daikin			Apollo		
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Room		Room Area		Unit Ventilator							Notes
No.	Use			Type	Make	Model	BTUH	GPM	°F	Conn.	
Garden City											
10101	Classroom	80.45		Horizontal	Daikin	UAVV9H13	55,000	2.75	180-140	R	abcde
10102	Classroom	80.10		Horizontal	Daikin	UAVV9H13	55,000	2.75	180-140	R	abcde
10103	Classroom	80.71		Horizontal	Daikin	UAVV9H13	55,000	2.75	180-140	R	abcde
10104	Classroom	80.29		Horizontal	Daikin	UAVV9H13	55,000	2.75	180-140	R	abcde
10107	Classroom	92.18		Horizontal	Daikin	UAVV9H13	60,000	3.00	180-140	R	abcde
10110	Staff Room	57.76		Horizontal	Daikin	UAVV9H10	40,000	2.00	180-140	L	abcde
10111	Classroom	92.18		Horizontal	Daikin	UAVV9H13	60,000	3.00	180-140	R	abcde
10112	Classroom	92.18		Horizontal	Daikin	UAVV9H13	65,000	3.25	180-140	R	abcde
10117	Resource	25.99	59.87	Vertical	Apollo	VUV-1200	30,000	1.50	180-140	L/R	fg
10118	VP Office	10.84									
10119	P Office	15.24									
10120	Admin Office	33.79									
Gilmore											
10101	Classroom	76.54		Horizontal	Daikin	UAVV9H13	60,000	3.00	180-140	L	abcde
10102	Classroom	85.13		Horizontal	Daikin	UAVV9H13	60,000	3.00	180-140	L	abcde
10103	Psychologist	19.31	147.49	Vertical	Apollo	VUV-1600	66,000	3.30	180-140	L/R	fg
10104	Conference	9.25									
10105	Reception	21.13									
10106	Itinerant	9.34									
10107	Counselling	14.33									
10110	Instruction	31.90									
10111	Counselling	14.42									
10112	Instruction	27.81									
10109	Classroom	84.95		Horizontal	Daikin	UAVV9H13	55,000	2.75	180-140	L	abcde
10113	Classroom	84.95		Horizontal	Daikin	UAVV9H13	55,000	2.75	180-140	L	abcde
10118	Resource	48.99		Horizontal	Daikin	UAVV9H10	40,000	2.00	180-140	R	abcde
10121	Classroom	88.63		Horizontal	Daikin	UAVV9H13	60,000	3.00	180-140	R	abcde
10122	Classroom	88.63		Horizontal	Daikin	UAVV9H13	60,000	3.00	180-140	L	abcde
10123	Classroom	93.37		Horizontal	Daikin	UAVV9H13	55,000	2.75	180-140	R	abcde
10124	Classroom	88.63		Horizontal	Daikin	UAVV9H13	60,000	3.00	180-140	L	abcde
10125	Classroom	88.63		Horizontal	Daikin	UAVV9H13	60,000	3.00	180-140	R	abcde
10132	P Office	15.98	199.23	Vertical	Apollo	VUV-2000	31,000	1.50	180-140	L	fg
10133	Copy Room	9.34									
10133a	Office	7.72									
10134	Admin Office	59.27									
10134a	VP Office	13.23									
10136	Medical	8.37									
10137	Staff Room	85.32									

Daikin			Apollo		
UAVV9H10	UAVV9H13	UAVV9H15	VUV-1200	VUV-1600	VUV-2000
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Room		Room Area		Unit Ventilator						Notes	
No.	Use			Type	Make	Model	BTUH	GPM	°F		Conn.
10138	Classroom	76.54		Horizontal	Daikin	UAVV9H13	55,000	2.75	180-140	L	abcde
10139	Classroom	79.24		Horizontal	Daikin	UAVV9H13	55,000	2.75	180-140	L	abcde
10148	Classroom	85.49		Horizontal	Daikin	UAVV9H13	55,000	2.75	180-140	L	abcde
10150	ESL	33.13	168.24	Vertical	Apollo	VUV-1600	51,000	2.50	180-140	L/R	fg
10152	L Office	20.35									
10154	Library N	114.76									
	Library S	92.10		Horizontal	Daikin	UAVV9H13	60,000	3.00	180-140	L	abcde
10153	Tech Lab	76.54		Horizontal	Daikin	UAVV9H13	55,000	2.75	180-140	L	abcde
10156	Multipurpose	238.31		Horizontal	Daikin	UAVV9H13	60,000	3.00	180-140	L	abcde
				Horizontal	Daikin	UAVV9H13	60,000	3.00	180-140	R	abcde
10158	Resource	70.01		Horizontal	Daikin	UAVV9H13	55,000	2.75	180-140	L	abcde
10158a	R Office	11.80									
10159	Resource	82.49		Horizontal	Daikin	UAVV9H13	55,000	2.75	180-140	R	abcde
10160	Classroom	100.43		Horizontal	Daikin	UAVV9H13	60,000	3.00	180-140	R	abcde
20102	Classroom	84.95		Horizontal	Daikin	UAVV9H13	55,000	2.75	180-140	L	abcde
20103	Classroom	85.54		Horizontal	Daikin	UAVV9H13	55,000	2.75	180-140	L	abcde
20104	Classroom	85.54		Horizontal	Daikin	UAVV9H13	60,000	3.00	180-140	L	abcde
20105	Classroom	76.31		Horizontal	Daikin	UAVV9H13	55,000	2.75	180-140	L	abcde
Grauer											
10114	Classroom	77.47		Horizontal	Daikin	UAVV9H13	55,000	2.75	180-140	L	abcde
10116	Admin Office	33.79	59.27	Vertical	Apollo	VUV-1200	15,000	0.75	180-140	L	fg
10117	P Office	17.87									
10118	Copy Room	7.61									
10121	Community	44.24		Horizontal	Daikin	UAVV9H10	15,000	0.75	180-140	R	abcde
10125	Library	125.43		Horizontal	Daikin	UAVV9H10	30,000	1.50	180-140	R	abcde
				Horizontal	Daikin	UAVV9H10	30,000	1.50	180-140	R	abcde
10128	Strongstart	90.02		Horizontal	Daikin	UAVV9H13	55,000	2.75	180-140	R	abcde
10129	Classroom	89.63		Horizontal	Daikin	UAVV9H13	55,000	2.75	180-140	L	abcde
10131	Resource	76.46		Horizontal	Daikin	UAVV9H13	55,000	2.75	180-140	R	abcde
10133	Resource	46.07	121.95	Vertical	Apollo	VUV-1200	44,000	2.20	180-140	R	fg
10138	Classroom	75.88									
10139	Classroom	74.91									
10140	Multipurpose	136.56		Horizontal	Daikin	UAVV9H10	34,000	1.70	180-140	L	abcde
				Horizontal	Daikin	UAVV9H10	34,000	1.70	180-140	R	abcde
10141	Classroom	73.94		Horizontal	Daikin	UAVV9H13	55,000	2.75	180-140	L	abcde
10142	Classroom	73.94		Horizontal	Daikin	UAVV9H13	55,000	2.75	180-140	R	abcde
10143	Classroom	73.55		Horizontal	Daikin	UAVV9H13	60,000	3.00	180-140	L	abcde
10144	Classroom	73.55		Horizontal	Daikin	UAVV9H13	60,000	3.00	180-140	R	abcde
Kidd											

Daikin			Apollo		
UAVV9H10	UAVV9H13	UAVV9H15	VUV-1200	VUV-1600	VUV-2000
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Room No.	Use	Room Area		Unit Ventilator							Notes
				Type	Make	Model	BTUH	GPM	°F	Conn.	
10134	Resource	39.23	77.75	Vertical	Apollo	VUV-1200	35,000	1.75	180-140	L	fg
10134a	Classroom	78.90		Horizontal	Daikin	UAVV9H13	60,000	3.00	180-140	L	abcde
10135	Tech Lab	68.15		Horizontal	Daikin	UAVV9H13	60,000	3.00	180-140	L	abcde
10138	Classroom	69.50		Horizontal	Daikin	UAVV9H13	60,000	3.00	180-140	R	abcde
10139	Classroom	71.27		Horizontal	Daikin	UAVV9H13	55,000	2.75	180-140	R	abcde
10140	Multipurpose	71.22		Horizontal	Daikin	UAVV9H13	55,000	2.75	180-140	L	abcde
10141	Classroom	69.50		Horizontal	Daikin	UAVV9H13	55,000	2.75	180-140	L	abcde
10144	Resource	80.91		Horizontal	Daikin	UAVV9H13	55,000	2.75	180-140	L	f
10149	Classroom	76.64		Horizontal	Daikin	UAVV9H13	55,000	2.75	180-140	R	abcde
10150	Classroom	79.11		Horizontal	Daikin	UAVV9H13	60,000	3.00	180-140	L	abcde
Woodward											
10101	Classroom	85.26		Horizontal	Daikin	UAVV9H13	60,000	3.00	180-140	L	abcde
10102	Classroom	51.01	84.18	Vertical	Apollo	VUV-1200	38,000	1.90	180-140	L/R	fg
10102a	R Office	33.17									
10103	Classroom	85.26		Horizontal	Daikin	UAVV9H13	55,000	2.75	180-140	L	abcde
10104	Instruction	31.47	82.65	Vertical	Apollo	VUV-1200	37,000	1.90	180-140	L/R	fg
10105	Instruction	31.53									
10106	Observation	19.65									
10107	Strongstart	76.49		Horizontal	Daikin	UAVV9H13	55,000	2.75	180-140	L	abcde
10108	Counselling	14.33	81.80	Vertical	Apollo	VUV-1200	37,000	1.80	180-140	L/R	fg
10109	R Office	9.35									
10110	R Office	24.31									
10111	R Office	12.57									
10112	Reception	21.24									
10114	Classroom	76.31		Horizontal	Daikin	UAVV9H13	55,000	2.75	180-140	L	abcde
10115	Classroom	85.13		Horizontal	Daikin	UAVV9H13	55,000	2.75	180-140	L	abcde
10121	Copy Room	10.89	111.98	Vertical	Apollo	VUV-1600	34,000	1.70	180-140	L/R	fg
10122	P Office	10.43									
10123	Admin Office	33.64									
10124	Staff Room	47.34									
10124a	VP Office	9.68									
10130	Classroom	85.26		Horizontal	Daikin	UAVV9H13	55,000	2.75	180-140	L	abcde
10142	Classroom	85.03		Horizontal	Daikin	UAVV9H13	55,000	2.75	180-140	L	abcde
10143	Tech Lab	86.71		Horizontal	Daikin	UAVV9H13	55,000	2.75	180-140	L	abcde
10145	Library	183.27		Horizontal	Daikin	UAVV9H13	60,000	3.00	180-140	R	abcde
				Horizontal	Daikin	UAVV9H13	60,000	3.00	180-140	R	abcde
10146	Classroom	85.26		Horizontal	Daikin	UAVV9H13	55,000	2.75	180-140	L	abcde
20102	Classroom	85.26		Horizontal	Daikin	UAVV9H13	55,000	2.75	180-140	L	abcde
20103	Classroom	85.26		Horizontal	Daikin	UAVV9H13	55,000	2.75	180-140	L	abcde

Daikin			Apollo		
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Room		Room Area		Unit Ventilator							Notes
No.	Use			Type	Make	Model	BTUH	GPM	°F	Conn.	
20106	Classroom	86.48		Horizontal	Daikin	UAVV9H13	60,000	3.00	180-140	R	abcde
20107	Classroom	86.48		Horizontal	Daikin	UAVV9H13	55,000	2.75	180-140	R	abcde
20108	Classroom	86.48		Horizontal	Daikin	UAVV9H13	60,000	3.00	180-140	R	abcde

Daikin			Apollo		
UAVV9H10	UAVV9H13	UAVV9H15	VUV-1200	VUV-1600	VUV-2000
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11	145	4	12	8	7

Notes

- a EC motor, 3-speed option
- b Heating coil with 40°F ΔT (4-row coil)
- c DDC ready control option with Belimo actuator
- d Painted solid end panels
- e Exterior louver with grille (unfinished aluminum)
- f CO2 sensor, Economizer control, Freezestat
- g Rear plenum