

Unit Ventilator Data
Classroom Ventilation Program

red - estimated, subject to review by Rocky Point Engineering
yellow - change from RFP

26-Aug-22

Room		Room Area		Unit Ventilator							Notes
No.	Use			Type	Make	Model	BTUH	GPM	°F	Conn.	
Blundell											
10101	Classroom	76.20		Horizontal	Daikin	UAVV9H13	75,000	3.75	180-140	L	abcde
10103	VP Office	12.19	55.24	Vertical	Apollo	VUV-1200	10,000	0.50	180-140	L/R	cgj
10104	P Office	15.48									
10106	Admin Office	27.57									
10107	Classroom	76.17		Horizontal	Daikin	UAVV9H13	75,000	3.75	180-140	L	abcde
10109	Classroom	75.77		Horizontal	Daikin	UAVV9H13	60,000	3.00	180-140	L	abcde
10110	Classroom	75.77		Horizontal	Daikin	UAVV9H13	60,000	3.00	180-140	L	abcde
10111	Classroom	84.30		Horizontal	Daikin	UAVV9H13	60,000	3.00	180-140	L	abcde
10112	Classroom	84.32		Horizontal	Daikin	UAVV9H13	60,000	3.00	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	45,000	2.25	180-140	L	abcde
10128	Resource	48.87		Horizontal	Daikin	UAVV9H10	45,000	2.25	180-140	L	abcde
10129	Library	136.49	147.71	Vertical	Apollo	VUV-1600	35,000	1.75	180-140	L/R	ck
10129a	L Office	11.22									
10130	Tech Lab	76.59		Horizontal	Daikin	UAVV9H13	55,000	2.25	180-140	L	abcde
10136	Classroom	85.31		Horizontal	Daikin	UAVV9H13	55,000	2.25	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	50,000	2.50	180-140	L/R	ck
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	cl
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	fgj
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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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	fl
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
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

Daikin			Apollo		
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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	fgj
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	25,000	1.25	180-140	L/R	fgj
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	60,000	3.00	180-140	L	abcde
10113	Classroom	84.95		Horizontal	Daikin	UAVV9H13	60,000	3.00	180-140	L	abcde
10118	Resource	48.99		Horizontal	Daikin	UAVV9H10	28,000	3.00	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	60,000	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	113.91	Vertical	Apollo	VUV-1200	20,000	1.25	180-140	L	fgj
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		Vertical	Apollo	VUV-1200	60,000	3.00	180-140	L	fgj
10138	Classroom	76.54		Horizontal	Daikin	UAVV9H13	60,000	3.00	180-140	L	abcde
10139	Classroom	79.24		Horizontal	Daikin	UAVV9H13	60,000	3.00	180-140	L	abcde
10148	Classroom	85.49		Horizontal	Daikin	UAVV9H13	60,000	3.00	180-140	L	abcde
10150	ESL	33.13	168.24	Vertical	Apollo	VUV-1600	30,000	1.50	180-140	L/R	fgk
10152	L Office	20.35									
10154	Library N	114.76									
	Library S	92.10									
10153	Tech Lab	76.54		Horizontal	Daikin	UAVV9H13	50,000	2.50	180-140	L	abcde

Daikin			Apollo		
UAVV9H10	UAVV9H13	UAVV9H15	VUV-1200	VUV-1600	VUV-2000
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No.	Use		Type	Make	Model	BTUH	GPM	°F	Conn.		UAVV9H10	UAVV9H13	UAVV9H15	VUV-1200	VUV-1600	VUV-2000
f	CO2 sensor, Economizer control, Freezestat															
g	Rear plunum															
h	Need to add 1 @ 399MBH IBC boiler modules															
i	Need to add 2 @ 399MBH IBC boiler modules															
j	Top 2-piece shroud															
k	Top S/A plenum															
l	Top 3-piece shroud															