

UNIT VENTILATOR SCHEDULE																			
MARK	MANUFACTURER	MODEL	SERVIS	CFM	MOTOR					MB, O.A. CFM	WRITER		STEAM COIL CAPACITY				MBH	TYPE	NOMINAL DIMENSIONS (LXWXHT)
					HP	FAN SPEED	TYPE	WVOC [A]	FLA	VOLTSØ	O.A. FT	RA FT	COIL ROWS	NAT FT	LAT FT	INLET [PSI]			
UV-1	DAIKIN	UAV59H13	CLASSROOM 101	1250	1/3	HIGH	ECM	15	4.2	115V1	435	2.0	68.0	1	46.9	97.9	2	69.5	FACE & BYPASS
UV-2	DAIKIN	UAV59H13	CLASSROOM 102	1250	1/3	HIGH	ECM	15	4.2	115V1	435	2.0	68.0	1	46.9	97.9	2	69.5	FACE & BYPASS
UV-3	DAIKIN	UAV59H13	CLASSROOM 103	1250	1/3	HIGH	ECM	15	4.2	115V1	440	2.0	68.0	1	46.9	97.9	2	69.5	FACE & BYPASS
UV-4	DAIKIN	UAV59H13	CLASSROOM 104	1250	1/3	HIGH	ECM	15	4.2	115V1	435	2.0	68.0	1	46.9	97.9	2	69.5	FACE & BYPASS
UV-5	DAIKIN	UAV59H13	CLASSROOM 105	1250	1/3	HIGH	ECM	15	4.2	115V1	440	2.0	68.0	1	46.9	97.9	2	69.5	FACE & BYPASS
UV-6	DAIKIN	UAV59H13	CLASSROOM 106	1250	1/3	HIGH	ECM	15	4.2	115V1	440	2.0	68.0	1	46.9	97.9	2	69.5	FACE & BYPASS
UV-7	DAIKIN	UAV59H13	CLASSROOM 107	1250	1/3	HIGH	ECM	15	4.2	115V1	485	2.0	68.0	1	46.9	97.9	2	69.5	FACE & BYPASS
UV-8	DAIKIN	UAV59H13	CLASSROOM 108	1250	1/3	HIGH	ECM	15	4.2	115V1	440	2.0	68.0	1	46.9	97.9	2	69.5	FACE & BYPASS
UV-9	DAIKIN	UAV59H13	CLASSROOM 109	1250	1/3	HIGH	ECM	15	4.2	115V1	435	2.0	68.0	1	46.9	97.9	2	69.5	FACE & BYPASS
UV-10	DAIKIN	UAV59H13	CLASSROOM 110	1250	1/3	HIGH	ECM	15	4.2	115V1	435	2.0	68.0	1	46.9	97.9	2	69.5	FACE & BYPASS
UV-11	DAIKIN	UAV59H13	CLASSROOM 200	1250	1/3	HIGH	ECM	15	4.2	115V1	435	2.0	68.0	1	46.9	97.9	2	69.5	FACE & BYPASS
UV-12	DAIKIN	UAV59H13	CLASSROOM 201	1250	1/3	HIGH	ECM	15	4.2	115V1	435	2.0	68.0	1	46.9	97.9	2	69.5	FACE & BYPASS
UV-13	DAIKIN	UAV59H13	CLASSROOM 202	1250	1/3	HIGH	ECM	15	4.2	115V1	440	2.0	68.0	1	46.9	97.9	2	69.5	FACE & BYPASS
UV-14	DAIKIN	UAV59H13	CLASSROOM 203	1250	1/3	HIGH	ECM	15	4.2	115V1	440	2.0	68.0	1	46.9	97.9	2	69.5	FACE & BYPASS
UV-15	DAIKIN	UAV59H13	CLASSROOM 204	1250	1/3	HIGH	ECM	15	4.2	115V1	435	2.0	68.0	1	46.9	97.9	2	69.5	FACE & BYPASS
UV-16	DAIKIN	UAV59H13	CLASSROOM 205	1250	1/3	HIGH	ECM	15	4.2	115V1	440	2.0	68.0	1	46.9	97.9	2	69.5	FACE & BYPASS
UV-17	DAIKIN	UAV59H13	CLASSROOM 206	1250	1/3	HIGH	ECM	15	4.2	115V1	440	2.0	68.0	1	46.9	97.9	2	69.5	FACE & BYPASS
UV-18	DAIKIN	UAV59H13	CLASSROOM 207	1250	1/3	HIGH	ECM	15	4.2	115V1	455	2.0	68.0	1	46.9	97.9	2	69.5	FACE & BYPASS
UV-19	DAIKIN	UAV59H13	CLASSROOM 208	1250	1/3	HIGH	ECM	15	4.2	115V1	440	2.0	68.0	1	46.9	97.9	2	69.5	FACE & BYPASS
UV-20	DAIKIN	UAV59H13	CLASSROOM 209	1250	1/3	HIGH	ECM	15	4.2	115V1	435	2.0	68.0	1	46.9	97.9	2	69.5	FACE & BYPASS
UV-21	DAIKIN	UAV59H13	CLASSROOM 210	1250	1/3	HIGH	ECM	15	4.2	115V1	435	2.0	68.0	1	46.9	97.9	2	69.5	FACE & BYPASS
UV-22	DAIKIN	UAV59H13	CLASSROOM 211	1250	1/3	HIGH	ECM	15	4.2	115V1	435	2.0	68.0	1	46.9	97.9	2	69.5	FACE & BYPASS
UV-23	DAIKIN	UAV59H13	CLASSROOM 212	1250	1/3	HIGH	ECM	15	4.2	115V1	435	2.0	68.0	1	46.9	97.9	2	69.5	FACE & BYPASS
UV-24	DAIKIN	UAV59H13	CLASSROOM 112	1250	1/3	HIGH	ECM	15	4.2	115V1	490	2.0	68.0	1	46.9	97.9	2	69.5	FACE & BYPASS
UV-HS-1/2	ARDALE	UVHD0	WEIGHT ROOM	750	1/2	MEDIUM	ECM	15	9.2	115V1	345	2.0	68.0	1	43	148.9	5	88.2	FACE & BYPASS
REMARKS:																			
1. BACKUP NETWORKS: ALL EQUIPMENT TO BE CONNECTED TO THE EXISTING RAS (SCHNEIDER ELECTRIC, ANDOVER SYSTEM).																			
2. MOTOR AND ELECTRICAL INPUT BOX INCLUDES FAN SPEED SWITCH, ON/OFF SWITCH AND NON-FUSED DISCONNECT.																			
3. PROVIDE WITH MANUFACTURER'S 2" SOLID TIE/DOWN ACCESSORY AND TALL ADAPTER BACK WITH ENCLOSED TIE FUNNEL.																			
4. PROVIDE TWO 12-INCH END COMPARTMENTS, FULL 30" HEIGHT WITH 2" STEP DOWN.																			
5. EXTERIOR LOUVER SHALL BE CUSTOM COLOR AS SELECTED BY THE ARCHITECT TO MATCH THE COLOR OF THE SURROUNDING BRICK.																			
6. PROVIDE REAR PLenum BOX.																			
ARRANGEMENTS:																			
1. RETURN AIR - FRONT RECESSED AIR BRICK PANEL/ OUTDOOR AIR - REAR DUCT COLLAR/ SUPPLY AIR - TOP DISCHARGE GRILLE.																			
2. FRONT RETURN GRILLE, BACK OUTDOOR AIR CONNECTION, TOP DISCHARGE, COIL AS HIGH AS POSSIBLE.																			

FAN SCHEDULE													
MARK	LOCATION	SERVICE	TYPE	CFM	SP IN W.G.	DIAMETER (IN.)	FAN RPM	ELECTRICAL DATA				TYPICAL UNIT MFG.	REMARKS:
								BHP / HP	VOLTS	PHASE	VFD		
EF-1	ROOF	RELIEF	DOWNBLAST	5,000	0.50	24.5	692	2	208	3	INTEGRAL	GREENHECK - G-24HC-VSD	1,2,3,4,5
EF-2	ROOF	RELIEF	DOWNBLAST	6,250	0.70	24.5	846	2	208	3	INTEGRAL	GREENHECK - G-24HC-VSD	1,2,3,4,5
EF-3	ROOF	RELIEF	DOWNBLAST	3,225	0.50	16.625	1277	2	208	1	INTEGRAL	GREENHECK - G-16HC-VSD	1,2,3,4,5
EF-4	ROOF	RELIEF	DOWNBLAST	5,000	0.60	24.5	722	2	208	3	INTEGRAL	GREENHECK - G-24HC-VSD	1,2,3,4,5
EF-5	ROOF	RELIEF	DOWNBLAST	5,725	0.60	24.5	778	2	208	3	INTEGRAL	GREENHECK - G-24HC-VSD	1,2,3,4,5
EF-6	ROOF	RELIEF	DOWNBLAST	2,500	0.50	14.625	1522	1	208	1	INTEGRAL	GREENHECK - G-14HC-VSD	1,2,3,4,5
EF-7	ROOF	RELIEF	DOWNBLAST	2,500	0.40	14.625	1490	1	208	1	INTEGRAL	GREENHECK - G-14HC-VSD	1,2,3,4,5
EF-HS-1	GYM	RELIEF	WALL INTAKE	700	0.25	14	1616	06/25	115	1	INTEGRAL	GREENHECK - SE-12-4HC-VSD	1,2,4,5
REMARKS:													
1. PROVIDE WITH MANUFACTURER'S DISCONNECT SWITCH.													
2. PROVIDE WITH MANUFACTURER'S EC MOTOR WITH INTEGRAL VFD AND 0-10 VDC INPUT SIGNAL CONTROL.													
3. PROVIDE WITH MANUFACTURER'S 14" HIGH ROOF CURB.													
4. PROVIDE WITH MANUFACTURER'S LOW VOLTAGE MOTORIZED DAMPER.													
5. PROVIDE WITH MANUFACTURER'S ALUMINUM BRIDGESCREEN.													

LOUVER SCHEDULE								
MARK	LOCATION	SERVICE	FREE AREA (SQ. FT.)	CFM	SP (IN. WG.)	SIZE W&H (IN.)	TYPICAL UNIT MFG. & MODEL NO.	REMARKS:
L-1	GYM	INTAKE	1.95	315	0	35X10	RUSKIN ELF375DX	1
L-2	GYM	RELIEF	0.97	630	0.06	18X18	RUSKIN ELF375DX	
REMARKS:								
1. MATCH EXISTING OPENING SIZE, FIELD VERIFY.								

VENTILATION SCHEDULE											
NEW TAG	WORST CASE ROOM	CFM/100'2 AT MAXIMUM	TOTAL OCCUPANCY FOR VENTILATION	TOTAL SQ. FT.	O.A. PER SQ. FT. (CFM)	O.A. PER SW. FT. (CFM)	Vbz (CFM)	Ex	OVER VENTILATION FOR LOUVER CROSSCONTAMINATION	Voar/Vbz (CFM)	SPACE MAINTAIN SUPPLY (CFM)
Park ECC - First Floor											
	Park ECC - Rm 101	0.00	30	774	10	0.12	393	0.9	0%	437	
	Park ECC - Rm 102	0.00	30	749	10	0.12	390	0.9	0%	433	
	Park ECC - Rm 103	0.00	30	776	10	0.12	393	0.9	0%	437	
	Park ECC - Rm 104	0.00	30	744	10	0.12	389	0.9	0%	433	
	Park ECC - Rm 105	0.00	30	774	10	0.12	393	0.9	0%	437	
	Park ECC - Rm 106	0.00	30	969	10	0.12	416	0.9	0%	463	
	Park ECC - Rm 107	0.00	30	1120	10	0.12	434	0.9	0%	483	
	Park ECC - Rm 108	0.00	30	776	10	0.12	393	0.9	0%	437	
	Park ECC - Rm 109	0.00	30	757	10	0.12	391	0.9	0%	434	
	Park ECC - Rm 110	0.00	30	763	10	0.12	392	0.9	0%	435	
	Park ECC - Rm 112	0.00	30	1147	10	0.12	438	0.9	0%	486	
Park ECC - Second Floor											
	Park ECC - Rm 200	0.00	30	765	10	0.12	392	0.9	0%	435	
	Park ECC - Rm 201	0.00	30	744	10	0.12	389	0.9	0%	433	
	Park ECC - Rm 202	0.00	30	780	10	0.12	394	0.9	0%	437	
	Park ECC - Rm 203	0.00	30	920	10	0.12	410	0.9	0%	456	
	Park ECC - Rm 204	0.00	30	744	10	0.12	389	0.9	0%	433	
	Park ECC - Rm 205	0.00	30	774	10	0.12	393	0.9	0%	437	
	Park ECC - Rm 206	0.00	30	941	10	0.12	413	0.9	0%	459	
	Park ECC - Rm 207	0.00	30	899	10	0.12	408	0.9	0%	453	
	Park ECC - Rm 208	0.00	30	776	10	0.12	393	0.9	0%	437	
	Park ECC - Rm 209	0.00	30	757	10	0.12	391	0.9	0%	434	
	Park ECC - Rm 210	0.00	30	759	10	0.12	391	0.9	0%	435	
	Park ECC - Rm 211	0.00	30	757	10	0.12	391	0.9	0%	434	
	Park ECC - Rm 212	0.00	30	753	10	0.12	390	0.9	0%	434	