UNIT VENTILATOR SCHEDULE

1. PROVIDE WITH ELECTRICALLY COMMUTATED FAN MOTOR. OUTSIDE AIRFLOW RATES LISTED IS NON-ECONOMIZER MODE/MINIMUM OCCUPIED OA RATE. THE TESTING AND BALANCING AGENCY SHALL BALANCE THE OA THROUGH THE UV IN NON-ECONOMIZER MODE TO THE SCHEDULED VALUE.
2. PROVIDE EACH UNIT WITH REAR FALSE BACK AND BAFFLE THAT INCLUDES PIPING TUNNEL. THE MECHANICAL CONTRACTOR SHALL PROVIDE ADDITIONAL GASKETING TGO ENSURE A PROPER SEAL OF THE OA PLENUM TO THE INTERIOR OF THE PERIMETER WALL. PROVIDE EACH UV WITH 1" THICK MERV-13 FILTERS.

				ELECTRICAL DATA				SUPPLY FAN DATA						VRV DX COOLING COIL							HOT WATER HEATING COIL													
Mark	BASIS OF DESIGN MFG. AND MODEL	TYPE	LOCATION	MCA	MAX FUSE SIZE	VOLTS	PHASE	SUPPLY AIRFLOW	OUTSIDE AIRFLOW	FAN TYPE	Supply External Static Pressure	FAN SPEED	HP	CAPACITY TOTAL	CAPACITY SENS	EAT DB	EAT WB	LAT DB	LAT WB	COIL ROWS	Actual Heating Water Flow	CAPACITY	EAT	LAT	COIL ROWS	HEATING COIL VOLUME (GALLONS)	TEMPERATURE EWT	TEMPERATURE LWT	PRESSURE DROP (FEET)	LENGTH	WIDTH	HEIGHT	WEIGHT	REMARKS
UV-MS-1	DAIKIN UAVS9H15	FLOOR MOUNTED	CLASSROOM 100B	3.8 A	15.00	208 V	1	1,083 CFM	360 CFM	ECM	0.00 in-wg	MEDIUM	0.33	38,287 Btu/h	31,321 Btu/h	80.9 °F	62.9 °F	54.2 °F	50.6 °F	4	2.0 GPM	65,728 Btu/h	45.1 °F	101.0 °F	2	0.82 gal	180 °F	114.3 °F	0.65	98"	21 7/8"	30 1/8"	600 lb	1, 2
UV-MS-2	DAIKIN UAVS9H07	FLOOR MOUNTED	CLASSROOM 100A	3.8 A	15.00	208 V	1	747 CFM	295 CFM	ECM	0.00 in-wg	HIGH	0.33	23,693 Btu/h	18,898 Btu/h	81.6 °F	62.8 °F	58.3 °F	51.9 °F	4	2.0 GPM	49,516 Btu/h	41.2 °F	102.3 °F	2	0.45 gal	180 °F	130.5 °F	1.21	62"	21 7/8"	30 1/8"	370 lb	1, 2
UV-MS-3	DAIKIN UAHF9H15	HORIZONTAL SEMI-RECESSED, BOTTOM RETURN, REAR OUTSIDE AIR INLET, HORIZONTAL DUCTED DISCHARGE	CLASSROOM 102A	12.0 A	15.00	208 V	1	1,330 CFM	630 CFM	ECM	0.45 in-wg	MEDIUM	0.75	43,088 Btu/h	37,497 Btu/h	81.0 °F	62.9 °F	55.0 °F	51.7 °F	4	2.0 GPM	73,953 Btu/h	43.3 °F	95.5 °F	2	0.82 gal	180 °F	106.0 °F	0.65	98"	36"	16 5/8"	570 lb	1
UV-MS-4	DAIKIN UAVS9H15	FLOOR MOUNTED	CLASSROOM 104	3.8 A	15.00	208 V	1	1,083 CFM	555 CFM	ECM	0.00 in-wg	MEDIUM	0.33	39,463 Btu/h	34,516 Btu/h	83.5 °F	62.6 °F	54.1 °F	48.6 °F	4	2.0 GPM	72,182 Btu/h	31.8 °F	93.3 °F	2	0.82 gal	180 °F	107.8 °F	0.65	98"	21 7/8"	30 1/8"	600 lb	1, 2
UV-MS-5	DAIKIN UAVS9H15	FLOOR MOUNTED	CLASSROOM 106	3.8 A	15.00	208 V	1	1,083 CFM	555 CFM	ECM	0.00 in-wg	MEDIUM	0.33	39,463 Btu/h	34,516 Btu/h	83.5 °F	62.6 °F	54.1 °F	48.6 °F	4	2.0 GPM	72,182 Btu/h	31.8 °F	93.3 °F	2	0.82 gal	180 °F	107.8 °F	0.65	98"	21 7/8"	30 1/8"	600 lb	1, 2
UV-MS-6	DAIKIN UAVS9H15	FLOOR MOUNTED WITH DRAFT STOP SYSTEM	SPECIAL ED CLASSROOM 112	3.8 A	15.00	208 V	1	1,083 CFM	495 CFM	ECM	0.00 in-wg	MEDIUM	0.33	39,327 Btu/h	33,398 Btu/h	82.5 °F	62.7 °F	54.1 °F	48.8 °F	4	2.0 GPM	69,762 Btu/h	36.8 °F	96.2 °F	2	0.82 gal	180 °F	110.2 °F	0.65	98"	21 7/8"	30 1/8"	600 lb	1, 2
UV-MS-7	DAIKIN UAVS9H15	FLOOR MOUNTED WITH DRAFT STOP SYSTEM	CLASSROOM 114	3.8 A	15.00	208 V	1	1,083 CFM	500 CFM	ECM	0.00 in-wg	MEDIUM	0.33	39,327 Btu/h	33,398 Btu/h	82.5 °F	62.7 °F	54.1 °F	48.8 °F	4	2.0 GPM	69,762 Btu/h	36.8 °F	96.2 °F	2	0.82 gal	180 °F	110.2 °F	0.65	98"	21 7/8"	30 1/8"	600 lb	1, 2
UV-MS-8	DAIKIN UAVS9H15	FLOOR MOUNTED WITH DRAFT STOP SYSTEM	CLASSROOM 114.5	3.8 A	15.00	208 V	1	1,083 CFM	540 CFM	ECM	0.00 in-wg	MEDIUM	0.33	39,388 Btu/h	34,176 Btu/h	83.2 °F	62.6 °F	54.1 °F	48.7 °F	4	2.0 GPM	71,410 Btu/h	33.4 °F	94.2 °F	2	0.82 gal	180 °F	108.6 °F	0.65	98"	21 7/8"	30 1/8"	600 lb	1, 2
UV-MS-9	DAIKIN UAVS9H15	FLOOR MOUNTED WITH DRAFT STOP SYSTEM	CLASSROOM 122	3.8 A	15.00	208 V	1	1,083 CFM	460 CFM	ECM	0.00 in-wg	MEDIUM	0.33	39,274 Btu/h	33,061 Btu/h	82.2 °F	62.7 °F	54.0 °F	50.1 °F	4	2.0 GPM	68,955 Btu/h	38.5 °F	97.1 °F	2	0.82 gal	180 °F	111.0 °F	0.65	98"	21 7/8"	30 1/8"	600 lb	1, 2
UV-MS-10	DAIKIN UAVS9H15	FLOOR MOUNTED WITH DRAFT STOP SYSTEM	CLASSROOM 124	3.8 A	15.00	208 V	1	1,083 CFM	460 CFM	ECM	0.00 in-wg	MEDIUM	0.33	39,274 Btu/h	33,061 Btu/h	82.2 °F	62.7 °F	54.0 °F	50.1 °F	4	2.0 GPM	68,955 Btu/h	38.5 °F	97.1 °F	2	0.82 gal	180 °F	111.0 °F	0.65	98"	21 7/8"	30 1/8"	600 lb	1, 2
UV-MS-11	DAIKIN UAVS9H15	FLOOR MOUNTED WITH DRAFT STOP SYSTEM	CLASSROOM 126	3.8 A	15.00	208 V	1	1,083 CFM	475 CFM	ECM	0.00 in-wg	MEDIUM	0.33	39,274 Btu/h	33,061 Btu/h	82.2 °F	62.7 °F	54.0 °F	50.1 °F	4	2.0 GPM	68,955 Btu/h	38.5 °F	97.1 °F	2	0.82 gal	180 °F	111.0 °F	0.65	98"	21 7/8"	30 1/8"	600 lb	1, 2
UV-MS-12	DAIKIN UAVS9H15	FLOOR MOUNTED WITH DRAFT STOP SYSTEM	CLASSROOM 128	3.8 A	15.00	208 V	1	1,083 CFM	430 CFM	ECM	0.00 in-wg	MEDIUM	0.33	39,274 Btu/h	32,715 Btu/h	81.9 °F	62.8 °F	54.0 °F	50.1 °F	4	2.0 GPM	68,183 Btu/h	40.0 °F	98.1 °F	2	0.82 gal	180 °F	111.8 °F	0.65	98"	21 7/8"	30 1/8"	600 lb	1, 2
UV-MS-13	DAIKIN UAVS9H15	FLOOR MOUNTED WITH DRAFT STOP SYSTEM	CLASSROOM 200	3.8 A	15.00	208 V	1	1,083 CFM	435 CFM	ECM	0.00 in-wg	MEDIUM	0.33	39,274 Btu/h	32,715 Btu/h	81.9 °F	62.8 °F	54.0 °F	50.1 °F	4	2.0 GPM	68,183 Btu/h	40.0 °F	98.1 °F	2	0.82 gal	180 °F	111.8 °F	0.65	98"	21 7/8"	30 1/8"	600 lb	1, 2
UV-MS-14	DAIKIN UAVS9H15	FLOOR MOUNTED WITH DRAFT STOP SYSTEM	CLASSROOM 202	3.8 A	15.00	208 V	1	1,083 CFM	435 CFM	ECM	0.00 in-wg	MEDIUM	0.33	39,274 Btu/h	32,715 Btu/h	81.9 °F	62.8 °F	54.0 °F	50.1 °F	4	2.0 GPM	68,183 Btu/h	40.0 °F	98.1 °F	2	0.82 gal	180 °F	111.8 °F	0.65	98"	21 7/8"	30 1/8"	600 lb	1, 2
UV-MS-15	DAIKIN UAVS9H15	FLOOR MOUNTED WITH DRAFT STOP SYSTEM	CLASSROOM 203	3.8 A	15.00	208 V	1	1,083 CFM	480 CFM	ECM	0.00 in-wg	MEDIUM	0.33	39,327 Btu/h	33,398 Btu/h	82.5 °F	62.7 °F	54.1 °F	48.8 °F	4	2.0 GPM	69,762 Btu/h	36.8 °F	96.2 °F	2	0.82 gal	180 °F	110.2 °F	0.65	98"	21 7/8"	30 1/8"	600 lb	1, 2
UV-MS-16	DAIKIN UAVS9H15	FLOOR MOUNTED WITH DRAFT STOP SYSTEM	CLASSROOM 204	3.8 A	15.00	208 V	1	1,083 CFM	440 CFM	ECM	0.00 in-wg	MEDIUM	0.33	39,274 Btu/h	32,715 Btu/h	81.9 °F	62.8 °F	54.0 °F	50.1 °F	4	2.0 GPM	68,183 Btu/h	40.0 °F	98.1 °F	2	0.82 gal	180 °F	111.8 °F	0.65	98"	21 7/8"	30 1/8"	600 lb	1, 2
UV-MS-17	DAIKIN UAVS9H15	FLOOR MOUNTED WITH DRAFT STOP SYSTEM	CLASSROOM 205	3.8 A	15.00	208 V	1	1,083 CFM	480 CFM	ECM	0.00 in-wg	MEDIUM	0.33	39,327 Btu/h	33,398 Btu/h	82.5 °F	62.7 °F	54.1 °F	48.8 °F	4	2.0 GPM	69,762 Btu/h	36.8 °F	96.2 °F	2	0.82 gal	180 °F	110.2 °F	0.65	98"	21 7/8"	30 1/8"	600 lb	1, 2
UV-MS-19	DAIKIN UAVS9H15	FLOOR MOUNTED WITH DRAFT STOP SYSTEM	CLASSROOM 206	3.8 A	15.00	208 V	1	1,083 CFM	435 CFM	ECM	0.00 in-wg	MEDIUM	0.33	39,274 Btu/h	32,715 Btu/h	81.9 °F	62.8 °F	54.0 °F	50.1 °F	4	2.0 GPM	68,183 Btu/h	40.0 °F	98.1 °F	2	0.82 gal	180 °F	111.8 °F	0.65	98"	21 7/8"	30 1/8"	600 lb	1, 2
UV-MS-20	DAIKIN UAVS9H15	FLOOR MOUNTED WITH DRAFT STOP SYSTEM	CLASSROOM 207	3.8 A	15.00	208 V	1	1,083 CFM	485 CFM	ECM	0.00 in-wg	MEDIUM	0.33	39,327 Btu/h	33,398 Btu/h	82.5 °F	62.7 °F	54.1 °F	48.8 °F	4	2.0 GPM	69,762 Btu/h	36.8 °F	96.2 °F	2	0.82 gal	180 °F	110.2 °F	0.65	98"	21 7/8"	30 1/8"	600 lb	1, 2
UV-MS-21	DAIKIN UAVS9H15	FLOOR MOUNTED WITH DRAFT STOP SYSTEM	CLASSROOM 208	3.8 A	15.00	208 V	1	1,083 CFM	435 CFM	ECM	0.00 in-wg	MEDIUM	0.33	39,274 Btu/h	32,715 Btu/h	81.9 °F	62.8 °F	54.0 °F	50.1 °F	4	2.0 GPM	68,183 Btu/h	40.0 °F	98.1 °F	2	0.82 gal	180 °F	111.8 °F	0.65	98"	21 7/8"	30 1/8"	600 lb	1, 2
UV-MS-22	DAIKIN UAVS9H15	FLOOR MOUNTED WITH DRAFT STOP SYSTEM	CLASSROOM 210	3.8 A	15.00	208 V	1	1,083 CFM	445 CFM	ECM	0.00 in-wg	MEDIUM	0.33	39,274 Btu/h	32,715 Btu/h	81.9 °F	62.8 °F	54.0 °F	50.1 °F	4	2.0 GPM	68,183 Btu/h	40.0 °F	98.1 °F	2	0.82 gal	180 °F	111.8 °F	0.65	98"	21 7/8"	30 1/8"	600 lb	1, 2
UV-MS-23	DAIKIN UAVS9H15	FLOOR MOUNTED WITH DRAFT STOP SYSTEM	CLASSROOM 212	3.8 A	15.00	208 V	1	1,083 CFM	485 CFM	ECM	0.00 in-wg	MEDIUM	0.33	39,327 Btu/h	33,398 Btu/h	82.5 °F	62.7 °F	54.1 °F	48.8 °F	4	2.0 GPM	69,762 Btu/h	36.8 °F	96.2 °F	2	0.82 gal	180 °F	110.2 °F	0.65	98"	21 7/8"	30 1/8"	600 lb	1, 2
UV-MS-24	DAIKIN UAVS9H15	FLOOR MOUNTED WITH DRAFT STOP SYSTEM	CLASSROOM 214	3.8 A	15.00	208 V	1	1,083 CFM	360 CFM	ECM	0.00 in-wg	MEDIUM	0.33	38,287 Btu/h	31,321 Btu/h	80.9 °F	62.9 °F	54.2 °F	50.6 °F	4	2.0 GPM	65,728 Btu/h	45.1 °F	101.0 °F	2	0.82 gal	180 °F	114.3 °F	0.65	98"	21 7/8"	30 1/8"	600 lb	1, 2
UV-MS-25	DAIKIN UAVS9H15	FLOOR MOUNTED WITH DRAFT STOP SYSTEM	CLASSROOM 216	3.8 A	15.00	208 V	1	1,083 CFM	365 CFM	ECM	0.00 in-wg	MEDIUM	0.33	38,287 Btu/h	31,321 Btu/h	80.9 °F	62.9 °F	54.2 °F	50.6 °F	4	2.0 GPM	65,728 Btu/h	45.1 °F	101.0 °F	2	0.82 gal	180 °F	114.3 °F	0.65	98"	21 7/8"	30 1/8"	600 lb	1, 2
UV-MS-26	DAIKIN UAVS9H15	FLOOR MOUNTED WITH DRAFT STOP SYSTEM	CLASSROOM 218	3.8 A	15.00	208 V	1	1,083 CFM	455 CFM	ECM	0.00 in-wg	MEDIUM	0.33	39,274 Btu/h	33,061 Btu/h	82.2 °F	62.7 °F	54.0 °F	50.1 °F	4	2.0 GPM	68,955 Btu/h	38.5 °F	97.1 °F	2	0.82 gal	180 °F	111.0 °F	0.65	98"	21 7/8"	30 1/8"	600 lb	1, 2
UV-MS-27	DAIKIN UAVS9H15	FLOOR MOUNTED WITH DRAFT STOP SYSTEM	CLASSROOM 220	3.8 A	15.00	208 V	1	1,083 CFM	455 CFM	ECM	0.00 in-wg	MEDIUM	0.33	39,274 Btu/h	33,061 Btu/h	82.2 °F	62.7 °F	54.0 °F	50.1 °F	4	2.0 GPM	68,955 Btu/h	38.5 °F	97.1 °F	2	0.82 gal	180 °F	111.0 °F	0.65	98"	21 7/8"	30 1/8"	600 lb	1, 2
UV-MS-28	DAIKIN UAVS9H15	FLOOR MOUNTED WITH DRAFT STOP SYSTEM	SCIENCE LAB 222	3.8 A	15.00	208 V	1	1,083 CFM	565 CFM	ECM	0.00 in-wg	MEDIUM	0.33	39,463 Btu/h	34,516 Btu/h	83.5 °F	62.6 °F	54.1 °F	48.6 °F	4	2.0 GPM	72,182 Btu/h	31.8 °F	93.3 °F	2	0.82 gal	180 °F	107.8 °F	0.65	98"	21 7/8"	30 1/8"	600 lb	1, 2
UV-MS-29	DAIKIN UAVS9H15	FLOOR MOUNTED WITH DRAFT STOP SYSTEM	SCIENCE LAB 224	3.8 A	15.00	208 V	1	1,083 CFM	510 CFM	ECM	0.00 in-wg	MEDIUM	0.33	39,287 Btu/h	33,722 Btu/h	82.8 °F	62.6 °F	54.1 °F	48.8 °F	4	2.0 GPM	70,603 Btu/h	35.1 °F	95.2 °F	2	0.82 gal	180 °F	109.4 °F	0.65	98"	21 7/8"	30 1/8"	600 lb	1, 2
UV-MS-30	DAIKIN UAVS9H15	FLOOR MOUNTED WITH DRAFT STOP SYSTEM	COMPUTER CLASSROOM 226	3.8 A	15.00	208 V	1	1,083 CFM	445 CFM	ECM	0.00 in-wg	MEDIUM	0.33	39,274 Btu/h	32,715 Btu/h	81.9 °F	62.8 °F	54.0 °F	50.1 °F	4	2.0 GPM	68,183 Btu/h	40.0 °F	98.1 °F	2	0.82 gal	180 °F	111.8 °F	0.65	98"	21 7/8"	30 1/8"	600 lb	1, 2
UV-MS-31	DAIKIN UAVS9H15	FLOOR MOUNTED WITH DRAFT STOP SYSTEM	SCIENCE LAB 228	3.8 A	15.00	208 V	1	1,083 CFM	545 CFM	ECM	0.00 in-wg	MEDIUM	0.33	39,388 Btu/h	34,176 Btu/h	83.2 °F	62.6 °F	54.1 °F	48.7 °F	4	2.0 GPM	71,410 Btu/h	33.4 °F	94.2 °F	2	0.82 gal	180 °F	108.6 °F	0.65	98"	21 7/8"	30 1/8"	600 lb	1, 2
UV-MS-32	DAIKIN UAVS9H15	FLOOR MOUNTED WITH DRAFT STOP SYSTEM	SCIENCE LAB 230	3.8 A	15.00	208 V	1	1,083 CFM	520 CFM	ECM	0.00 in-wg	MEDIUM	0.33	39,287 Btu/h	33,722 Btu/h	82.8 °F	62.6 °F	54.1 °F	48.8 °F	4	2.0 GPM	70,603 Btu/h	35.1 °F	95.2 °F	2	0.82 gal	180 °F	109.4 °F	0.65	98"	21 7/8"	30 1/8"	600 lb	1, 2
UV-MS-33	DAIKIN UAVS9H15	FLOOR MOUNTED WITH DRAFT STOP SYSTEM	CLASSROOM 240	3.8 A	15.00	208 V	1	1,083 CFM	455 CFM	ECM	0.00 in-wg	MEDIUM	0.33	39,274 Btu/h	33,061 Btu/h	82.2 °F	62.7 °F	54.0 °F	50.1 °F	4	2.0 GPM	68,955 Btu/h	38.5 °F	97.1 °F	2	0.82 gal	180 °F	111.0 °F	0.65	98"	21 7/8"	30 1/8"	600 lb	1, 2
UV-MS-34	DAIKIN UAVS9H15	FLOOR MOUNTED WITH DRAFT STOP SYSTEM	CLASSROOM 242	3.8 A	15.00	208 V	1	1,083 CFM	455 CFM	ECM	0.00 in-wg	MEDIUM	0.33	39,274 Btu/h	33,061 Btu/h	82.2 °F	62.7 °F	54.0 °F	50.1 °F	4	2.0 GPM	68,955 Btu/h	38.5 °F	97.1 °F	2	0.82 gal	180 °F	111.0 °F	0.65	98"	21 7/8"	30 1/8"	600 lb	1, 2
UV-MS-35	DAIKIN UAVS9H15	FLOOR MOUNTED WITH DRAFT STOP SYSTEM	CLASSROOM 244	3.8 A	15.00	208 V	1	1,083 CFM	455 CFM	ECM	0.00 in-wg	MEDIUM	0.33	39,274 Btu/h	33,061 Btu/h	82.2 °F	62.7 °F	54.0 °F	50.1 °F	4	2.0 GPM	68,955 Btu/h	38.5 °F	97.1 °F	2	0.82 gal	180 °F	111.0 °F	0.65	98"	21 7/8"	30 1/8"	600 lb	1, 2
UV-MS-36	DAIKIN UAVS9H15	FLOOR MOUNTED WITH DRAFT STOP SYSTEM	CLASSROOM 246	3.8 A	15.00	208 V	1	1,083 CFM	455 CFM	ECM	0.00 in-wg	MEDIUM	0.33	39,274 Btu/h	33,061 Btu/h	82.2 °F	62.7 °F	54.0 °F	50.1 °F	4	2.0 GPM	68,955 Btu/h	38.5 °F	97.1 °F	2	0.82 gal	180 °F	111.0 °F	0.65	98"	21 7/8"	30 1/8"	600 lb	1, 2
UV-MS-37	DAIKIN UAVS9H15	FLOOR MOUNTED WITH DRAFT STOP SYSTEM	CLASSROOM 248	3.8 A	15.00	208 V	1	1,083 CFM	490 CFM	ECM	0.00 in-wg	MEDIUM	0.33	39,327 Btu/h	33,398 Btu/h	82.5 °F	62.7 °F	54.1 °F	48.8 °F	4	2.0 GPM	69,762 Btu/h	36.8 °F	96.2 °F	2	0.82 gal	180 °F	110.2 °F	0.65	98"	21 7/8"	30 1/8"	600 lb	1, 2
UV-MS-38	DAIKIN UAVS9H07	FLOOR MOUNTED WITH DRAFT STOP SYSTEM	FACILITY LOUNGE 107	3.8 A	15.00	208 V	1	747 CFM	100 CFM	ECM	0.00 in-wg	HIGH	0.33	23,817 Btu/h	19,817 Btu/h	83.0 °F	62.6 °F	58.6 °F	51.6 °F	4	2.0 GPM	52,084 Btu/h	34.0 °F	98.3 °F	2	0.45 gal	180 °F	127.9 °F	1.21	62"	21 7/8"	30 1/8"	370 lb	1, 2
UV-MS-39	DAIKIN UAVS9H15	FLOOR MOUNTED	FABRICATION CLASSROOM	3.8 A	15.00	208 V	1	1,083 CFM	440 CFM	ECM	0.00 in-wg	MEDIUM	0.33	39,274 Btu/h	33,061 Btu/h	82.2 °F	62.7 °F	54.0 °F	50.1 °F	4	2.0 GPM	68,955 Btu/h	38.5 °F	97.1 °F	2	0.82 gal	180 °F	111.0 °F	0.65	98"	21 7/8"	30 1/8"	600 lb	1, 2
UV-MS-40	DAIKIN UAVS9H15	FLOOR MOUNTED	FABRICATION CLASSROOM	3.8 A	15.00	208 V	1	1,083 CFM	440 CFM	ECM	0.00 in-wg	MEDIUM	0.33	39,274 Btu/h	33,061 Btu/h	82.2 °F	62.7 °F	54.0 °F	50.1 °F	4	2.0 GPM	68,955 Btu/h	38.5 °F	97.1 °F	2	0.82 gal	180 °F	111.0 °F	0.65	98"	21 7/8"	30 1/8"	600 lb	1, 2
UV-MS-41	DAIKIN UAVS9H15	FLOOR MOUNTED	TECH CLASSROOM	3.8 A	15.00	208 V	1	1,083 CFM	550 CFM	ECM	0.00 in-wg	MEDIUM	0.33	39,388 Btu/h	34,176 Btu/h	83.2 °F	62.6 °F	54.1 °F	48.7 °F	4	2.0 GPM	71,410 Btu/h	33.4 °F	94.2 °F	2	0.82 gal	180 °F	108.6 °F	0.65	98"	21 7/8"	30 1/8"	600 lb	1, 2

VARIABLE REFRIGERANT VOLUME HEAT PUMP SCHEDULE

1. RATED INDOOR COOLING CONDITIONS: 80 F DB/67 F WB
2. COOLING OPERATION RANGE: 23 - 122 F DB

				ELECTRICAL DATA															
Mark	COOLING OUTDOOR TEMPERATURE RATING DB	ACTUAL COOLING CAPACITY	RATED HEATING CAPACITY	VOLTS	PH	MCA MODULE 1	MCA MODULE 2	MOP MODULE 1	MOP MODULE 2	RLA MODULE 1	RLA MODULE 2	AIRFLOW RATE MODULE 1	AIRFLOW RATE MODULE 2	COMPRESSOR STAGE	REFRIGERANT	EER	IEER	HEATING COP	OPERATING WEIGHT	BASIS OF DESIGN MFG. AND MODEL	REMARKS
HP-MS-3	95 °F	197,558 Btu/h	230,000 Btu/h	208	3	36.3	36.3	45	45	23.8	26.2	5,827 CFM	6,286 CFM	INVERTER	R410A	10.7	20.5	3.8	1,053 lb	DAIKIN RXY216XATJA	1, 2
HP-MS-4	95 °F	260,270 Btu/h	308,000 Btu/h	208	3	55.1	55.1	60	60	33.4	33.4	8,228 CFM	8,228 CFM	INVERTER	R410A	10.5	20.1	3.3	1,390 lb	DAIKIN RXYQ288XATJA	1, 2
HP-MS-5	95 °F	227,069 Btu/h	256,000 Btu/h	208	3	36.3	36.3	45	45	26.2	26.2	6,286 CFM	6,286 CFM	INVERTER	R410A	11	20.8	3.6	1,056 lb	DAIKIN RXYQ240XATJA	1, 2
HP-MS-6	95 °F	301,293 Btu/h	342,000 Btu/h	208	3	55.1	55.1	60	60	37.6	37.6	8,228 CFM	8,228 CFM	INVERTER	R410A	9.5	20.6	3.2	1,390 lb	DAIKIN RXYQ336XATJA	1, 2
HP-MS-7	95 °F	268,274 Btu/h	308,000 Btu/h	208	3	55.1	55.1	60	60	33.4	33.4	8,228 CFM	8,228 CFM	INVERTER	R410A	10.5	20.1	3.3	1,390 lb	DAIKIN RXYQ288XATJA	1, 2
HP-MS-8	95 °F	265,179 Btu/h	308,000 Btu/h	208	3	55.1	55.1	60	60	33.4	33.4	8,228 CFM	8,228 CFM	INVERTER	R410A	10.5	20.1	3.3	1,390 lb	DAIKIN RXYQ288XATJA	1, 2
HP-MS-9	95 °F	227,518 Btu/h	256,000 Btu/h	208	3	36.3	36.3	45	45	26.2	26.2	6,286 CFM	6,286 CFM	INVERTER	R410A	11	20.8	3.6	1,056 lb	DAIKIN RXYQ240XATJA	1, 2

HEATING WATER RADIATION SCHEDULE

1. PROVIDE WITH SAME END SERIES PIPING CONNECTIONS (SUPPLY AND RETURN CONNECTIONS ON SAME SIDE OF RADIATOR).
2. PROVIDE WITH OPPOSITE END SERIES PIPING CONNECTIONS (SUPPLY AND RETURN CONNECTIONS ON OPPOSITE SIDES OF RADIATOR).

Mark	CAPACITY (BTU/HR PER LINEAL FOOT)	AVERAGE WATER TEMP.	HEIGHT	SIZE DEPTH	FLOW RATE (GPM)	SIZE LENGTH	PRESSURE DROP	FINS PER FOOT	BASIS OF DESIGN MFG. AND MODEL	REMARKS
R-MS-1	2,599	160 °F	20.250 in	5.0 in	3.5	20' - 0"	0.22 Feet	32	RUNTAL R3F-7	2
R-MS-2	2,599	160 °F	20.250 in	5.0 in	3.5	20' - 0"	0.22 Feet	32	RUNTAL R3F-7	2

FAN SCHEDULE

1. PROVIDE FAN WITH ADAPTER CURB TO TRANSITION FROM EXISTING ROOF CURB TO REPLACEMENT FAN CURB.
2. PROVIDE WITH UNIT MOUNTED DISCONNECT, MOTORIZED DAMPER AND ELECTRICALLY COMMUTATED FAN MOTOR THAT INCLUDES A 0-10 VDC CONTROL INPUT SIGNAL FOR FAN SPEED MODULATION.
3. PROVIDE WITH UNIT MOUNTED DISCONNECT SWITCH AND MOTORIZED DAMPER. FAN TO BE OPERATED VIA A VARIABLE FREQUENCY DRIVE.
4. PROVIDE WITH UNIT MOUNTED DISCONNECT, MOTORIZED DAMPER AND ELECTRICALLY COMMUTATED FAN MOTOR THAT INCLUDES A FAN MOUNTED POTENIOMETER FOR FAN SPEED MODULATION.

											ELECTRICAL DATA									
Mark	LOCATION	SERVICE	TYPE	DRIVE	CFM	STATIC PRESSURE (IN WC)	VFD FAN SPEED SETTING	MINIMUM IMPELLER DIAMETER	MAXIMUM SOUND LEVEL (dBA)	RPM	BHP	HP	VOLTS	PH	FLA	MIN FAN STATIC EFFICIENCY	FEI	BASIS OF DESIGN MFG. AND MODEL	REMARKS
EF-MS-8	ROOF	SCIENCE LABS 222/224 RELIEF AIR	CENTRIFUGAL ROOF FAN	DIRECT	1,980	0.8		16.5 in	61	1,061	0.414	1/2	115	1		60%	1.77	COOK 165C17D	1, 2
EF-MS-10	ROOF	SCIENCE LABS 228/230, PREP 228A RELIEF AIR	CENTRIFUGAL ROOF FAN	DIRECT	2,050	0.8		16.5 in	61	1,074	0.430	1/2	115	1		60%	1.76	COOK 165C17D	1, 2
EF-MS-21	ROOF	BOYS LOCKER ROOM	CENTRIFUGAL ROOF FAN	DIRECT	1,650	1		16.5 in	62	1,119	0.435	1/2	115	1		60%	1.69	COOK 165C17D	1, 4
EF-MS-23	ROOF	CAFETERIA 108 RELIEF AIR	CENTRIFUGAL ROOF FAN	BELT	9,500	1.1	54 Hz	30.0 in	71	746	3.623	5	208	3		48%	1.12	COOK 300ACEB	1, 3

DIFFUSER, REGISTER AND GRILLE SCHEDULE

1. PROVIDE WITH STEEL OPPOSED BLADE DAMPER

Mark	DESCRIPTION/PATTERN	OVERALL SIZE	DUCT CONNECTION SIZE	MOUNTING	MATERIAL	BASIS OF DESIGN MANUFACTURER AND MODEL	REMARKS
ER-MS-1	LOUVERED EXHAUST REGISTER, 3/4" SPACING, 45 DEGREE SINGLE DEFLECTION		12"x12"	SURFACE	STEEL	PRICE 530	1

FINNED-TUBE RADIATION SCHEDULE

1.CAPACITY BASED ON EWT=180F, LWT=160F
2.PROVIDE CONTINUOUS ENCLOSURE LENGTH N ALL ROOMS AS SHOWN ON DRAWINGS.
3.ENCLOSURE SHALL BE MINIMUM OF 16 GAUGE METAL.
4.LENGTH INDICATED ON THE PLAN DRAW