

PACKAGED ELECTRIC ROOFTOP UNIT SCHEDULE

MARK	GENERAL DATA			SUPPLY FAN DATA				COOLING CAPACITY				ELECTRIC HEATING COIL				ELECTRICAL DATA				OPERATING WEIGHT (LBS)	REMARKS						
	MANUFACTURER MODEL	LOCATION	SERVICE	SUPPLY AIR CFM	MIN. OUTSIDE AIR CFM	E9P (IN WG)	RPM	BHP	TOTAL (MBH)	SENSIBLE (MBH)	EAT (DB)	EAT (WB)	AMBIENT TEMP (°F)	SEER/EER	TOTAL MBH	EAT (DB)	LAT (DB)	KW	NO. OF CONTROL STEPS			COMP. RLA	COND. FLA	EVAP. RLA	MCA	MOCP	V/PH/HZ
RTU 1	TRANE USC072	ROOF	WAITING	2400	360	0.5	835	0.74	76.6	56.0	80.0	67.0	98/78	11.4	68.6	70	97.4	-	-	22.4	3.3	4.0	36.3	50.0	208/3/60	950	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11
RTU 2	TRANE USC060	ROOF	RECEPTION/EXAM	2000	300	0.5	840	0.59	62.0	46.6	80.0	67.0	98/78	13.0	57.3	70	97.5	-	-	18.1	2.5	5.0	30.2	45.0	208/3/60	960	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11
RTU 3	TRANE USC090	ROOF	DONOR FLOOR	3000	450	0.5	697	0.90	92.4	68.3	80.0	67.0	98/78	11.1	83.2	70	96.6	-	-	25.0	3.5	3.6	38.4	60.0	208/3/60	1020	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11
RTU 4	TRANE USC090	ROOF	DONOR FLOOR	3000	450	0.5	697	0.90	92.4	68.3	80.0	67.0	98/78	11.1	83.2	70	96.6	-	-	25.0	3.5	3.6	38.4	60.0	208/3/60	1020	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12
RTU 5	TRANE USC048	ROOF	CONFERENCE/BREAK ROOM	1600	275	0.5	916	0.56	49.0	37.0	80.0	67.0	98/78	13.0	42.4	70	95.7	-	-	16.0	2.5	5.0	27.5	40.0	208/3/60	720	1, 2, 3, 4, 5, 6, 7, 8, 10, 12
RTU 6	TRANE USC048	ROOF	PLASMA PROCESSING	1600	200	0.5	916	0.56	49.0	37.0	80.0	67.0	98/78	13.0	42.4	70	95.7	-	-	16.0	2.5	5.0	27.5	40.0	208/3/60	720	1, 2, 3, 4, 5, 6, 7, 8, 10, 11
RTU 7	TRANE USC036	ROOF	STERILE SUPPLIES	1200	180	0.5	845	0.42	37.0	26.7	80.0	67.0	98/78	13.0	38.1	70	100.7	-	-	13.5	2.0	5.0	23.8	35.0	208/3/60	700	1, 2, 3, 4, 5, 6, 7, 8, 10, 11
RTU 8	TRANE USC036	ROOF	UNDEVELOPED SPACE	1200	180	0.5	845	0.42	37.0	26.7	80.0	67.0	98/78	13.0	38.1	70	100.7	-	-	13.5	2.0	5.0	23.8	35.0	208/3/60	700	1, 2, 3, 4, 5, 6, 7, 8, 10, 11

1. AIR CONDITIONING SYSTEM SHALL COMPLY CURRENT ADOPTED STANDARDS.
 2. PROVIDE 3/4" CONDENSATE DRAIN AND ROUTE TO APPROVED PLUMBING FIXTURE.
 3. PROVIDE FLEX CONNECTION AT DUCT DROPS.
 4. PROVIDE PROGRAMMABLE THERMOSTAT.
 5. PROVIDE 1" REPLACEABLE FILTER.
 6. PROVIDE COMPARATIVE ENTHALPHY ECONOMIZER WITH FLOWER EXHAUST.
 7. SOUND RATING SHALL COMPLY WITH CURRENT ARI AND ANSI STANDARDS.
 8. PROVIDE LOW AMBIENT KIT.
 9. PROVIDE SMOKE DETECTOR IN RETURN AIR DUCT.
 10. PROVIDE SINGLE POINT OF POWER CONNECTION.
 11. PROVIDE 14" HIGH WIND LOAD ROOF CURB DESIGNED BY STRUCTURAL AND SUBMITTED BY THE MANUFACTURER.
 12. PROVIDE HIGH WIND LOAD ADAPTER CURB AS REQUIRED AT EXISTING ROOF CURB DESIGNED BY STRUCTURAL AND SUBMITTED BY THE MANUFACTURER.

DUCTLESS SPLIT AIR CONDITIONING SYSTEM SCHEDULE

MARK	FAN COIL	COND UNIT	MANUFACTURER	INDOOR MODEL	OUTDOOR MODEL	CFM	E9P (IN WC)	COOLING CAPACITY				INDOOR ELECTRICAL				OUTDOOR ELECTRICAL				INDOOR OPERATING WEIGHT (LBS)	OUTDOOR OPERATING WEIGHT (LBS)	REMARKS		
								TOTAL	SENSIBLE	INDOOR EAT (DB)	INDOOR EAT (WB)	OUTDOOR (DB)	SEER	FLA	WATTS	HP	V/PH/HZ	MCA	MOCP				V/PH/HZ	MCA
FC 1	CU 1	FUJITSU	ASU18RL	AQU18RL	6000	0.2	18.0	11.5	80.0	67.0	95°F	19.0	-	42	-	-	-	-	208/1/60	13.5	20	25	150	1, 2, 3, 4, 5, 6

1. PROVIDE LINE VOLTAGE THERMOSTAT.
 2. PROVIDE LOW AMBIENT KIT FOR 0° F.
 3. DC INVERTER-DRIVEN TWIN ROTARY COMPRESSOR.
 4. PROVIDE CONDENSATE PUMP.
 5. PROVIDE SINGLE POINT POWER CONNECTION AT OUTDOOR UNIT.
 6. OR EQUAL.

AIR DISTRIBUTION SCHEDULE

MARK	MANUFACTURER MODEL	AIRFLOW RANGE	SERVICE TYPE	MAX NC	NECK SIZE	PANEL SIZE	REMARKS
D-1 CDM	TITUS TMS	0 - 100	SUPPLY - SURFACE	30	6"ø	12"x12"	1, 3
D-2 CDM	TITUS TMS	0 - 100	SUPPLY - LAY-IN	30	6"ø	12"x12"	1, 3
D-3 CDM	TITUS TMS	101-200	SUPPLY - LAY-IN	30	8"ø	24"x24"	1, 3
D-4 CDM	TITUS TMS	201-300	SUPPLY - LAY-IN	30	10"ø	24"x24"	1, 3
D-5 CDM	TITUS TMS	301-600	SUPPLY - LAY-IN	30	12"ø	24"x24"	1, 3
D-6 CDM	TITUS 300FS	201-300	SUPPLY - SIDEWALL	30	12"x6"	15"x9"	1, 2
R-1 CDM	TITUS 50F	100 - 200	RETURN - LAY-IN	30	8"x8"	24"x24"	1, 3
R-2 CDM	TITUS 50F	201 - 300	RETURN - LAY-IN	30	10"x10"	24"x24"	1, 3
R-3 CDM	TITUS 50F	301 - 600	RETURN - LAY-IN	30	12"x12"	24"x24"	1, 3
R-4 CDM	TITUS 50F	601 - 900	RETURN - LAY-IN	30	14"x14"	24"x24"	1, 3
R-5 CDM	TITUS 50F	901 - 1200	RETURN - LAY-IN	30	16"x16"	24"x24"	1, 3
EX-1 CDM	TITUS 50F	100-200	EXHAUST - LAY-IN	30	8"x8"	24"x24"	1, 3

1. COORDINATE BORDER, COLOR, FINISH AND EXACT LOCATION WITH ARCHITECT.
 2. PROVIDE OBD.
 3. PROVIDE DUCT TRANSITION AS REQUIRED.

EXHAUST FAN SCHEDULE

MARK	GENERAL DATA			FAN				ELECTRICAL				OPERATING WEIGHT (LBS)	REMARKS
	MANUFACTURER MODEL	LOCATION	SERVICE	TYPE	CFM	E9P (IN WG)	RPM	BHP	HP (W)	FLA	V/PH/HZ		
EF 1	GREENHECK G-095-VG	ROOF	LOBBY RESTROOMS	CENT	400	0.5	1725	-	1/6	3.4	120/1/60	30	1, 2, 3, 4, 5, 6, 7, 8
EF 2	GREENHECK G-095-VG	ROOF	EMPLOYEE RESTROOMS	CENT	300	0.5	1725	-	1/6	3.4	120/1/60	30	1, 2, 3, 4, 5, 6, 7, 8
EF 3	BROAN GTXE180	CEILING	JANITOR	CENT	125	0.15	-	-	(513)	0.5	115/1/60	25	1, 2, 3, 4, 6, 7, 8

1. PROVIDE MOTOR WITH THERMAL OVERLOADS.
 2. PROVIDE DISCONNECT SWITCH.
 3. PROVIDE BACKDRAFT DAMPER.
 4. FAN SHALL OPERATE PER LIGHTING CONTROL.
 5. PANEL, SEE ELECTRICAL DRAWINGS FOR MORE INFORMATION.
 6. PROVIDE ROOF CURB.
 7. PROVIDE WEATHERHOOD WITH INSECT SCREEN.
 8. DIRECT DRIVE TYPE.
 9. NON-OVERLOADING, BACKWARD INCLINED CENTRIFUGAL FAN WHEEL, STATICALLY & DYNAMICALLY BALANCED PER AMCA STD. 204.

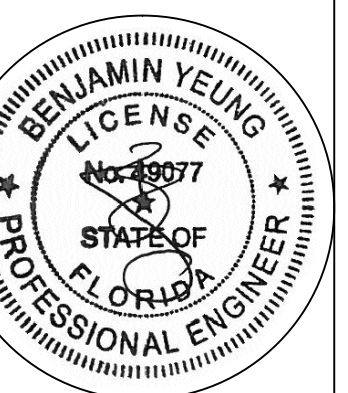
ELECTRIC UNIT HEATER SCHEDULE

MARK	MANUFACTURER MODEL	LOCATION	CAPACITY MBH	ELECTRICAL			OPERATING WEIGHT (LBS)	REMARKS
				KW	AMPS	V/PH/HZ		
EH 1	DAYTON 5ZK70	SPRINKLER ROOM	6.8	2	8.3	208/1/60	25	1, 2, 3

1. PROVIDE SURFACE MOUNTING KIT.
 2. PROVIDE LINE VOLTAGE THERMOSTAT SET @ 48° AFF.
 3. FRONT MOUNTED THERMOSTAT.

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