

MODULAR AIR HANDLING UNIT SCHEDULE

SYMBOL	AIR FLOW DATA			SUPPLY FAN DATA			VOLTAGE	MODEL	PRE-HEAT COIL								COOLING COIL (30% PROPYLENE GLYCOL)												REHEAT COIL								PIPING CONNECTION SIZES			MAXIMUM OPERATING WEIGHT	CONFIGURATION DETAIL	AREA SERVED	REMARKS	SYMBOL							
	SUPPLY	MIN. OA	DESIGN OA	E.S.P.	H.P.	RPM			EAT	LAT	MBH	GPM	EW	LWT	ROWS	FV (FPM)	APD	WPD	EADB	EAWB	COIL LAB	COIL LABW	UNIT LAB	UNIT LABW	GPM	EW	LWT	ROWS	TOTAL MBH	SENSIBLE MBH	FV (FPM)	APD	WPD	EAT	LAT	MBH	GPM	EW	LWT						ROWS	FV (FPM)	APD	WPD	PREHEAT	COOLING	REHEAT
AHU-1	8000	3495	8000	1.31"	10	2017	460-3-60	39MW SIZE 17W	43.2	94.7	470.4	31.8	150°F	120°F	2	473	0.27"	5.6'	82.3	67.7	52.7	52.6	-	-	63.0	42.0	53.8	11	352.0	250.1	473	0.95"	12.8'	54.0	75.4	191.7	13.0	150°F	120°F	1	473	0.18"	0.7'	2"	2-1/2"	1-1/2"	8850 lbs.	SEE DETAIL 1	CAFETERIA		AHU-1
AHU-2	4200	1150	4200	1.00"	7.5	2567	460-3-60	39MW SIZE 10W	53.9	95.2	194.5	13.1	150°F	120°F	2	423	0.18"	1.9'	79.2	65.6	53.8	53.7	-	-	25.5	42.0	54.0	8	144.7	113.3	432	0.86"	4.2'	54.0	74.6	96.8	6.5	150°F	120°F	1	423	0.17"	0.4'	1-1/2"	2"	1-1/4"	6700 lbs.	SEE DETAIL 1	SERVING		AHU-2
AHU-3	3000	1035	3000	1.00"	5	2302	460-3-60	39MW SIZE 08W	49.2	90.7	140.9	9.5	150°F	120°F	2	393	0.15"	1.0'	80.6	66.5	53.2	53.1	-	-	17.7	42.0	54.0	8	116.5	87.0	393	0.65"	9.3'	54.0	75.3	71.5	4.8	150°F	120°F	1	393	0.15"	0.2'	1-1/4"	2"	1"	6500 lbs.	SEE DETAIL 1	AUX. GYMNASIUM		AHU-3
AHU-4	8100	3320	8100	1.25"	15	2030	460-3-60	39MW SIZE 17W	44.9	90.4	420.0	28.4	150°F	120°F	2	478	0.23"	4.5'	81.8	67.3	52.0	52.0	-	-	60.0	42.0	54.0	8	359.1	255.2	478	1.05"	11.6'	54.0	73.3	193.1	13.1	150°F	120°F	1	478	0.19"	0.7'	2"	2-1/2"	1-1/2"	8700 lbs.	SEE DETAIL 2	GYMNASIUM		AHU-4

- NOTES: 1. MODEL NUMBERS ARE INDICATED FOR REFERENCE ONLY. THE DUTIES AND CAPACITIES ARE TO BE USED FOR FINAL UNIT SELECTION BY THE MANUFACTURER. 2. FURNISH EACH UNIT WITH AN OUTSIDE AIR INTAKE AIR FLOW MONITORING STATION. 3. FURNISH ALL UNITS WITH A FULLY INSULATED PIPING ENCLOSURE WITH ACCESS DOOR(S) AND FULL PERIMETER FULLY INSULATED 24" HIGH EQUIPMENT CURB. 4. PROVIDE ALL UNITS WITH A VARIABLE FREQUENCY DRIVE WITH BYPASS ON EACH FAN. 5. PROVIDE AN AIR PURIFICATION SYSTEM IN EACH AIR HANDLER, PLASMA AIR 7000 SERIES.

CHILLER SOUND DATA

SYMBOL	SOUND PRESSURE LEVELS @ 100%									A WEIGHTED OVERALL
	63	125	250	500	1000	2000	4000	8000		
CHLR-1	33.0	47.5	51.5	56.5	60.0	56.0	49.0	43.5		63.5

AIR COOLED CHILLER SCHEDULE

SYMBOL	REFRIGERANT TYPE	ENTERING CONDENSER AIR TEMP	TONS	KW	ELECTRICAL						INDEPEND. REFRIG. CIRCUITS	COMPRESSOR(S)		EVAPORATOR				NOMINAL SIZE L" x W" x H"	MAX. OPERATING WEIGHT	MODEL	REMARKS
					VOLTAGE	MCA CKT #1	MOC	REC. FUSE SIZE	EER	IPLV		QTY. @ TONS	QTY. @ TONS	GPM	EWT (°F)	LWT (°F)	WATER P.D.				
CHLR-1	R-32	95° F	70	69.8	460V-3ø	154.7	175	175	9.879	17.56	2	(2) @ 15	(2) @ 20	135.0	54.0	42.0	6.3'	105 x 88 x 99	5050 LBS.	30RC-072	

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MODULAR AIR HANDLING UNIT SOUND DATA SCHEDULE

SYMBOL	DUCT DISCHARGE SOUND POWER (dB)								CASING RADATED SOUND POWER (dB)								DUCT INLET SOUND POWER (dB)							
	63	125	250	500	1000	2000	4000	8000	63	125	250	500	1000	2000	4000	8000	63	125	250	500	1000	2000	4000	8000
AHU-1	93	92	94	92	85	84	79	75	83	82	91	83	74	71	71	68	84	83	93	86	76	74	74	71
AHU-2	92	86	84	88	81	81	83	74	85	81	81	83	78	74	76	68	86	86	83	84	85	80	77	79
AHU-3	89	83	85	84	79	79	80	70	82	80	80	80	73	72	72	64	83	82	83	81	76	75	75	66
AHU-4	94	92	94	93	85	84	79	76	83	82	91	84	75	71	71	68	84	83	93	86	76	74	74	71

PACKAGED ENERGY RECOVERY ROOFTOP UNIT SCHEDULE

SYMBOL	SUPPLY FAN DATA				EXHAUST FAN DATA				MODEL	ENERGY RECOVERY DATA										DX COOLING COIL										HEATING COIL										HOT GAS REHEAT				UNIT WIRING				NOMINAL SIZE L" x W" x H"	MAXIMUM OPERATING WEIGHT	BRANCH PIPING SIZES HEATING	REMARKS	SYMBOL
	MAX. SUPPLY	E.S.P.	H.P.	RPM	EXHAUST	E.S.P.	H.P.	RPM		DESIGN OA (MIN.)	EXHAUST CFM	DESIGN O.A. SUMMER D.B./W.B.	E.A.T. SUMMER D.B.	E.A.T. WINTER D.B.	DESIGN EXH. E.A.T. SUMMER D.B./W.B.	L.A.T. AT DESIGN SUMMER D.B./W.B.	L.A.T. WINTER D.B.	EADB (°F)	EAWB (°F)	COIL LAB (°F)	COIL LABW (°F)	UNIT LAB (°F)	UNIT LABW (°F)	TOTAL MBH	SENS. MBH	ROWS	FV (F/IN.)	APD	EAT (°F)	LAT (°F)	MBH	ROWS	EWTF (°F)	LWTF (°F)	GPM	FV (F/IN.)	APD	WPD	CAPACITY MBH	RH %	LADB	LAWB	ELEC	MCA	MOP							
ERU-1	3000	1.00"	5	1942	3000	0.69"	2	1296	RN-013	3000	3000	93.0/75.0	6	74.0/61.7	72	79.3/67.6	52.2	79.3	67.6	50.6	50.4	53.0	51.5	149.6	92.2	4	173	0.16"	52.2	84.6	108.8	2	150.0	120.0	7.4	514	0.16"	1.2'	68.5	46.2	72.0	59.1	460-3-60	41	50	151 x 96 x 51	3000 LBS.	1-1/4"		ERU-1		
ERU-2	1475	0.53"	2	1588	1475	0.47"	1	1316	RN-006	1475	1475	93.0/75.0	6	74.0/61.7	72	79.0/66.5	53.3	79.0	66.5	51.4	51.3	53.3	52.2	64.7	43.7	6	206	0.15"	53.3	80.0	44.2	1	150.0	120.0	5.2	400	0.08"	0.4'	32.5	48.1	72.0	59.6	460-3-60	17	25	134 x 79 x 44	1850 LBS.	1"		ERU-2		
ERU-3	4355	1.00"	7-1/2	1277	4925	1.00"	5	1691	RN-016	4355	4875	93.0/75.0	6	74.0/61.7	72	78.5/66.3	55.4	78.5	66.3	51.0	50.9	53.2	51.9	192.3	128.5	6	219	0.19"	55.4	83.7	137.6	2	150.0	120.0	9.4	599	0.21"	0.5'	97.7	47.3	72.0	59.4	460-3-60	54	60	185 x 101 x 60	4225 LBS.	1-1/4"		ERU-3		
ERU-4	1835	0.72"	3	1799	2085	0.62"	2	1623	RN-008	1835	2085	93.0/75.0	6	74.0/61.7	72	78.7/67.0	54.7	78.7	67.0	50.8	50.2	52.9	51.2	88.4	55.0	3	216	0.13"	54.7	86.2	64.6	2	150.0	120.6	4.5	497	0.17"	0.4'	41.6	45.4	72.0	58.8	460-3-60	26	35	134 x 79 x 44	1900 LBS.	1"		ERU-4		
ERU-5	3675	1.03"	5	2132	3675	1.00"	3	1490	RN-015	3600	3600	93.0/75.0	6	74.0/61.7	72	80.5/68.7	48.0	80.5	68.7	51.8	51.5	54.5	52.7	182.4	110.7	4	247	0.21"	48.0	80.1	130.8	2	150.0	120.0	8.9	617	0.22"	1.8'	77.5	48.1	72.0	59.6	460-3-60	48	60	151 x 96 x 51	3000 LBS.	1-1/4"		ERU-5		
ERU-6	2525	0.84"	5	1570	2275	0.75"	2	1311	RN-011	2525	2275	93.0/75.0	6	74.0/61.7	72	80.0/67.5	49.6	80.0	67.5	50.3	50.2	54.1	51.9	125.6	80.2	6	173	0.14"	49.6	84.9	100.5	2	150.0	120.0	6.9	433	0.12"	1.1'	58.5	46.1	72.0	59.0	460-3-60	32	35	151 x 96 x 51	2900 LBS.	1-1/4"		ERU-6		
ERU-7	2770	0.75"	3	2105	2770	0.62"	2	1447	RN-011	2770	2770	93.0/75.0	6	74.0/61.7	72	79.2/67.3	52.5	79.2	67.3	52.9	56.3	55.1	53.3	122.1	78.2	3	190	0.10"	52.5	85.5	102.6	2	150.0	120.0	7.0	475	0.14"	1.1'	56.6	49.2	72.0	59.9	460-3-60	29	35	151 x 96 x 51	2800 LBS.	1-1/4"		ERU-7		
ERU-8	3150	0.72"	5	1936	3150	0.56"	2	1291	RN-013	3150	3150	93.0/75.0	6	74.0/61.7	72	79.3/67.7	52.2	79.3	67.7	51.5	51.2	53.7	52.2	151.9	94.0	4	216	0.17"	52.2	84.0	112.4	2	150.0	120.0	7.7	540	0.18"	1.3'	69.1	47.7	72.0	59.5	460-3-60	41	50	151 x 96 x 51	3000 LBS.	1-1/4"		ERU-8		
ERU-9	2675	0.62"	3	2039	2675	0.72"	2	1436	RN-011	2675	2675	93.0/75.0	6	74.0/61.7	72	79.2/67.3	52.5	79.2	67.3	52.3	51.8	54.4	52.7	120.9	77.2	3	183	0.09"	52.3	85.9	100.2	2	150.0	120.0	6.8	459	0.14"	1.1'	56.3	48.3	72.0	59.6	460-3-60	29	35	151 x 96 x 51	2800 LBS.	1-1/4"		ERU-9		
ERU-10	3900	0.72"	5	1741	3900	0.84"	3	1495	RN-015	3900	3900	93.0/75.0	6	74.0/61.7	72	81.5/69.1	44.8	81.5	69.1	52.8	52.7	55.2	53.7	192.7	119.5	6	267	0.28"	44.8	83.7	172.2	2	150.0	120.0	11.7	669	0.29"	3.0'	79.8	50.4	72.0	60.2	460-3-60	48	60	151 x 96 x 51	3075 LBS.	1-1/2"		ERU-10		
ERU-11	3600	0.86"	5	2108	3600	0.62"	3	1389	RN-015	3600	3600	93.0/75.0	6	74.0/61.7	72	80.5/68.5	48.2	80.5	68.5	51.7	51.4	54.3	52.5	182.0	110.9	4	247	0.21"	48.2	95.0	190.2	2	150.0	124.3	15.1	617	0.30"	4.5'	77.9	47.9	72.0	59.5	460-3-60	48	60	151 x 96 x 51	3025 LBS.	1-1/2"		ERU-11		
ERU-12	3600	0.94"	5	2125	3600	0.81"	3	1439	RN-015	3600	3600	93.0/75.0	6	74.0/61.7	72	80.5/68.6	48.1	80.5	68.6	51.7	51.5	54.4	52.6	182.2	110.8	4	247	0.21"	48.1	95.0	190.7	2	150.0	124.4	15.2	617	0.30"	4.5'	77.7	48.0	72.0	59.5	460-3-60	48	60	151 x 96 x 51	3025 LBS.	1-1/2"		ERU-12		