

REGISTERS, GRILLES, AND DIFFUSERS						
TAG	APPLICATION	MATERIAL	TYPE	FINISH	DESIGN EQUIP.	NOTES:
D-1	SUPPLY	STEEL	CEILING GRILLE	WHITE	PRICE 500	3
D-2	SUPPLY	STEEL	LAY-IN	WHITE	PRICE SPD	2,4
D-3	SUPPLY	STEEL	ROUND	WHITE	PRICE HCD	1
R-1	RETURNIEA	STEEL	CEILING GRILLE	WHITE	PRICE 510	3
R-2	RETURNIEA	STEEL	LAY-IN	WHITE	PRICE PDN	-
R-3	RETURNIEA	STEEL	GYM RA	WHITE	PRICE 90	1,3
NOTES: 1. OPPOSED BLADE DAMPER. 2. STANDARD AIR FLOW PATTERN. 3. SINGLE DEFLECTION, BLADES PARALLEL TO LENGTH. 4. INSULATED BACK PAN.						

GRAVITY VENTILATOR SCHEDULE										
TAG	LOCATION	SERVICE	MANUF.	MODEL	THROAT AREA (SQ.FT.)	HOOD AREA (SQ.FT.)	AIR FLOW (CFM)	S.P. (IN.WG.)	TYPICAL UNIT MFG & MODEL NO.	NOTES
GI-1	ROOF	I.T. & RESOURCES	GREENHECK	GRSI-8	0.4	2.0	160	0.032	GREENHECK: GRSI-8	1,2
GI-2	ROOF	NURSE	GREENHECK	GRSI-8	0.4	2.0	100	0.013	GREENHECK: GRSI-8	1,2
GR-1	ROOF	I.T. & RESOURCES	GREENHECK	GRSR-8	0.4	2.0	160	0.019	GREENHECK: GRSR-8	1,2
GR-2	ROOF	NURSE	GREENHECK	GRSR-8	0.4	2.0	100	0.008	GREENHECK: GRSR-8	1,2
NOTES: 1. BAROMETRIC RELIEF DAMPER IN CURB. 2. 14" CURB, HINGED BASE AND BIRD SCREEN.										

VRF BRANCH SELECTOR UNITS										
MARK	NUMBER OF BRANCHES AVAILABLE	NUMBER OF BRANCHES USED	MAX TOTAL CAPACITY (MBH)	MAX BRANCH CAPACITY (MBH)	CONNECTED TOTAL HEATING CAPACITY (MBH)	CONNECTED TOTAL COOLING CAPACITY (MBH)	DIMENSIONS (H x W x D)	POWER (V/Ø/HZ)	POWER (WATTS)	TYPICAL UNIT MFG & MODEL NO.
RBU-1	8	8	245	27	216	192	11" x 26" x 25"	208-230 / 1 / 60	226 W	FUJITSU UTP-RU08AH
RBU-2	8	6	245	27	162	144	11" x 26" x 25"	208-230 / 1 / 60	226 W	FUJITSU UTP-RU08AH
RBU-3	8	8	245	27	216	192	11" x 26" x 25"	208-230 / 1 / 60	226 W	FUJITSU UTP-RU08AH
RBU-4	8	5	245	27	128	132	11" x 26" x 25"	208-230 / 1 / 60	226 W	FUJITSU UTP-RU08AH
RBU-5	4	2	191	96	30	51	11" x 26" x 25"	208-230 / 1 / 60	110 W	FUJITSU UTP-RU08AH
RBU-6	8	3	245	27	60	108	11" x 26" x 25"	208-230 / 1 / 60	226 W	FUJITSU UTP-RU08AH
RBU-7	8	8	245	27	216	192	11" x 26" x 25"	208-230 / 1 / 60	226 W	FUJITSU UTP-RU08AH
RBU-8	8	8	245	27	216	192	11" x 26" x 25"	208-230 / 1 / 60	226 W	FUJITSU UTP-RU08AH
RBU-9	4	3	191	96	81	96	11" x 26" x 25"	208-230 / 1 / 60	110 W	FUJITSU UTP-RU08AH
RBU-10	4	4	191	96	49	81	11" x 26" x 25"	208-230 / 1 / 60	110 W	FUJITSU UTP-RU08AH
RBU-11	8	7	245	27	165	195	11" x 26" x 25"	208-230 / 1 / 60	226 W	FUJITSU UTP-RU08AH
RBU-12	4	4	191	96	108	96	11" x 26" x 25"	208-230 / 1 / 60	110 W	FUJITSU UTP-RU08AH
RBU-13	8	8	245	27	216	192	11" x 26" x 25"	208-230 / 1 / 60	226 W	FUJITSU UTP-RU08AH
RBU-14	8	6	245	27	162	144	11" x 26" x 25"	208-230 / 1 / 60	226 W	FUJITSU UTP-RU08AH
RBU-15	8	5	245	27	97	135	11" x 26" x 25"	208-230 / 1 / 60	226 W	FUJITSU UTP-RU08AH

HOT WATER REHEAT COIL SCHEDULE														
TAG	LOCATION	AIR DATA					WATER DATA				MFG SIZE HxL (IN.)	ROWS	TYPICAL UNIT MFG & MODEL NO.	NOTES:
		CFM	TEMP °F		MAX APD (IN WC)	MIN. MBH	GPM	TEMP °F		MAX WPD (FT. HD)				
			ENT	LVG				ENT	LVG					
HC-1	GYM	3750	22.6	90.1	0.27	268.6	21.3	180	154.2	2.5	30X30	2	CAPITAL COIL W8-3030-10B-HCA-R	1
HC-2	GYM	3750	22.6	90.1	0.27	268.6	21.3	180	154.2	2.5	30X30	2	CAPITAL COIL W8-3030-10B-HCA-R	1
HC-3	GYM STAGE	2000	28.2	92.0	0.21	138.1	10.7	180	153.2	2.9	18X30	2	CAPITAL COIL W8-3018-09B-4CA-R	1
<u>NOTES:</u> 1. TUBE OD 0.625, TUBE SPACING 1.500 x 1.299														

ELECTRIC REHEAT COIL SCHEDULE													
TAG	LOCATION	AIR DATA					ELECTRICAL			MFG SIZE H (IN.)	MFG SIZE L (IN.)	TYPICAL UNIT MFG & MODEL NO.	NOTES:
		CFM	TEMP °F		MAX APD (IN WC)	KW	VOLTS	Ø	AMPS				
			ENT	LVG									
EC-1	MAIN OFFICE	390	40	72	0.08	13.48	208	3	65	8	10	INDEECO QUA	1,2,3
EC-2	RESOURCE	160	40	72	0.08	5.53	208	3	27	6	6	INDEECO QUA	1,2,3
EC-3	NURSE	100	40	72	0.08	3.46	208	3	17	8	8	INDEECO QUA	1,2,3
EC-4	ENL	265	40	72	0.08	9.16	208	3	45	6	8	INDEECO QUA	1,2,3
EC-5	MAC LAB	260	40	72	0.08	8.99	208	3	45	8	8	INDEECO QUA	1,2,3
NOTES: 1. PROVIDE PROPORTIONAL SCR CONTROLS AND DUCT TEMPERATURE SENSOR. 2. CONNECT TO BMS. 3. FACTORY MOUNTED AND WIRED DISCONNECT.													

ROOFTOP AIR CONDITIONING UNIT SCHEDULE																	
TAG	LOCATION	NOM. TONS	IEER	SUPPLY FAN				COOLING CAPACITY				ELECTRICAL		TYPICAL UNIT MFG & MODEL NO.	NOTES:		
				CFM	OA CFM	ESP (IN. W.C.)	BHP / HP	TOTAL MBH	SENS MBH	EAT °F		LAT °F	AMB °F			VOLT/3	MCA
										DB	WB						
RTU-3	STAGE	6	14.8	2000	1100	1.25	1.23/2	72.67	60.37	84.7	67.2	56.04	95	460/3	19	AAON: RN-007-3-0-BABC-V0-21-000-A	1,2,3
NOTES:	1. 14" INSULATED CURB. EXTEND EXISTING CONTROLS TO NEW UNITS. 2. FACTORY MOUNTED AND WIRED DISCONNECT. 2" PREFILTER, 4" MERV 13 FILTER. 3. DOUBLE WAS, R-13 FOAM INSULATION.																

ENERGY RECOVERY UNITS																					
TAG	LOCATION	AREA SERVED	SA (CFM)	EA (CFM)	RA (CFM)	SUPPLY FAN				EXHAUST FAN				TOTAL MBH SAVED SUMMER	TOTAL MBH SAVED WINTER	OPERATING WEIGHT (LBS)	FILTERS	ELECTRICAL REQUIREMENTS		TYPICAL UNIT MFG & MODEL NO.	NOTES:
						FAN TYPE	E.S.P. (IN. WC)	WATTS	HP	FAN TYPE	E.S.P. (IN. WC)	WATTS	HP					V/Ø/HZ	MCA		
ERU-12	ROOF	MAIN OFFICE	390	390	390	DIRECT	0.75	395	0.5	DIRECT	0.75	395	0.5	9.0	21.1	184-243	MERV 8	208/1	15	RENEWAIRE EV450RT	1,2,3,4
ERU-13	CORRIDOR	RESOURCE	160	160	160	DIRECT	0.47	146	0.1	DIRECT	0.47	146	0.1	4.2	9.3	68	MERV 8	208/1	15	RENEWAIRE: EV200	1,2,3,4
ERU-14	212 NURSE	NURSE	100	100	100	DIRECT	0.77	111	0.1	DIRECT	0.77	111	0.1	2.8	6.1	68	MERV 8	208/1	15	RENEWAIRE: EV200	1,2,3,4
ERU-15	ROOF	MAT LABS	260	260	260	DIRECT	0.75	493	0.6	DIRECT	0.75	493	0.6	6.9	15.1	184-243	MERV 8	208/1	15	RENEWAIRE EV450RT	1,2,3,4
ERU-16	ROOF	ENL, BOOK, CUSTODIAN	265	265	265	DIRECT	0.75	493	0.6	DIRECT	0.75	493	0.6	7.0	15.4	184-243	MERV 8	208/1	15	RENEWAIRE EV450RT	1,2,3,4
NOTES: 1. FACTORY MOUNTED AND WIRED DISCONNECT. 2. FRESH AIR AND EXHAUST DAMPERS. 3. TERMINAL STRIP FOR BMS CONTROL OF FAN AND DAMPERS. 4. DIRTY FILTER SENSORS.																					

VRF INDOOR UNITS														
MARK	ROOM SERVED	TYPE	AIRFLOW (H/M/L) CFM	OUTDOOR AIRFLOW CFM	ESP (INWG)	NOM.HEATING CAPACITY MBH	NOM.COOLING CAPACITY MBH	DIMENSIONS (W" X H" X D")	WEIGHT (LBS)	POWER (ØV/HZ)	MOCP	FLA	TYPICAL UNIT MFG & MODEL NO.	NOTES
SSI-1,2	411	CEILING CASSETTE	607/465/330	-	-	27	24	23 X 23 X 10	44	1/208/60	15	0.62	FUJITSU AUUA24TLAV2	1,2,3,4,5,6
SSI-3,4	409	CEILING CASSETTE	607/465/330	-	-	27	24	23 X 23 X 10	44	1/208/60	15	0.62	FUJITSU AUUA24TLAV2	1,2,3,4,5,6
SSI-5,6	407	CEILING CASSETTE	607/465/330	-	-	27	24	23 X 23 X 10	44	1/208/60	15	0.62	FUJITSU AUUA24TLAV2	1,2,3,4,5,6
SSI-7,8	405	CEILING CASSETTE	607/465/330	-	-	27	24	23 X 23 X 10	44	1/208/60	15	0.62	FUJITSU AUUA24TLAV2	1,2,3,4,5,6
SSI-9,10	410	CEILING CASSETTE	607/465/330	-	-	27	24	23 X 23 X 10	44	1/208/60	15	0.62	FUJITSU AUUA24TLAV2	1,2,3,4,5,6
SSI-11,12	408	CEILING CASSETTE	607/465/330	-	-	27	24	23 X 23 X 10	44	1/208/60	15	0.62	FUJITSU AUUA24TLAV2	1,2,3,4,5,6
SSI-13,14	406	CEILING CASSETTE	607/465/330	-	-	27	24	23 X 23 X 10	44	1/208/60	15	0.62	FUJITSU AUUA24TLAV2	1,2,3,4,5,6
SSI-15	404	CEILING CASSETTE	607/465/330	-	-	27	24	23 X 23 X 10	44	1/208/60	15	0.62	FUJITSU AUUA24TLAV2	1,2,3,4,5,6
SSI-16	400B	CEILING CASSETTE	318/271/230	50	-	9.5	7.5	23 X 23 X 10	40	1/208/60	15	0.41	FUJITSU AUUA7TLAV2	1,2,3,4,5,6
SSI-17	400C	CEILING CASSETTE	418/348/271	50	-	20	18	23 X 23 X 10	44	1/208/60	15	0.41	FUJITSU AUUA18TLAV2	1,2,3,4,5,6
SSI-18,19	400	CEILING CASSETTE	418/348/271	75	-	20	18	23 X 23 X 10	44	1/208/60	15	0.41	FUJITSU AUUA18TLAV2	1,2,3,4,5,6
SSI-20,21	106	CASSETTE	589/512/436	-	-	27	24	46 X 32 X 13	84	1/208/60	15	0.74	FUJITSU ABUA24TLAV2	1,2,3,4,5,6
SSI-22,23	108	CASSETTE	607/465/330	-	-	27	24	23 X 23 X 10	44	1/208/60	15	0.62	FUJITSU AUUA24TLAV2	1,2,3,4,5,6
SSI-24,25	110	CASSETTE	607/465/330	-	-	27	24	23 X 23 X 10	44	1/208/60	15	0.62	FUJITSU AUUA24TLAV2	1,2,3,4,5,6
SSI-26,27	111	CASSETTE	607/465/330	-	-	27	24	23 X 23 X 10	44	1/208/60	15	0.62	FUJITSU AUUA24TLAV2	1,2,3,4,5,6
SSI-28,29	109	CASSETTE	607/465/330	-	-	27	24	23 X 23 X 10	44	1/208/60	15	0.62	FUJITSU AUUA24TLAV2	1,2,3,4,5,6
SSI-30,31	107	CASSETTE	589/512/436	-	-	27	24	46 X 32 X 13	84	1/208/60	15	0.74	FUJITSU ABUA24TLAV2	1,2,3,4,5,6
SSI-32,33	105	CASSETTE	589/512/436	-	-	27	24	46 X 32 X 13	84	1/208/60	15	0.74	FUJITSU ABUA24TLAV2	1,2,3,4,5,6
SSI-34	101A	CEILING CASSETTE	318/271/230	50	-	9.5	7.5	23 X 23 X 10	40	1/208/60	15	0.41	FUJITSU AUUA7TLAV2	1,2,3,4,5,6
SSI-35	101G	CEILING CASSETTE	418/348/271	-	-	20	18	23 X 23 X 10	44	1/208/60	15	0.41	FUJITSU AUUA18TLAV2	1,2,3,4,5,6
SSI-36	200B	CEILING CASSETTE	418/348/271	-	-	20	18	23 X 23 X 10	44	1/208/60	15	0.41	FUJITSU AUUA18TLAV2	1,2,3,4,5,6
SSI-37	200	CEILING CASSETTE	418/348/271	-	-	20	18	23 X 23 X 10	44	1/208/60	15	0.41	FUJITSU AUUA18TLAV2	1,2,3,4,5,6
SSI-38	202	CEILING CASSETTE	418/348/271	50	-	20	18	23 X 23 X 10	44	1/208/60	15	0.41	FUJITSU AUUA18TLAV2	1,2,3,4,5,6
SSI-39	204	CEILING CASSETTE	418/348/271	-	-	20	18	23 X 23 X 10	44	1/208/60	15	0.41	FUJITSU AUUA18TLAV2	1,2,3,4,5,6
SSI-40,41	206	CASSETTE	589/512/436	-	-	27	24	46 X 32 X 13	84	1/208/60	15	0.74	FUJITSU ABUA24TLAV2	1,2,3,4,5,6
SSI-42,43	208	CASSETTE	589/512/436	-	-	27	24	46 X 32 X 13	84	1/208/60	15	0.74	FUJITSU ABUA24TLAV2	1,2,3,4,5,6
SSI-44,45	210	CASSETTE	589/512/436	-	-	27	24	46 X 32 X 13	84	1/208/60	15	0.74	FUJITSU ABUA24TLAV2	1,2,3,4,5,6
SSI-46,47	209	CASSETTE	589/512/436	-	-	27	24	46 X 32 X 13	84	1/208/60	15	0.74	FUJITSU ABUA24TLAV2	1,2,3,4,5,6
SSI-48,49	207	CASSETTE	589/512/436	-	-	27	24	46 X 32 X 13	84	1/208/60	15	0.74	FUJITSU ABUA24TLAV2	1,2,3,4,5,6
SSI-50,51	205	CASSETTE	589/512/436	-	-	27	24	46 X 32 X 13	84	1/208/60	15	0.74	FUJITSU ABUA24TLAV2	1,2,3,4,5,6
SSI-52	201B	CEILING CASSETTE	318/271/230	110	-	9.5	7.5	23 X 23 X 10	40	1/208/60	15	0.41	FUJITSU AUUA7TLAV2	1,2,3,4,5,6
SSI-53	202A	CEILING CASSETTE	418/348/271	50	-	20	18	23 X 23 X 10	44	1/208/60	15	0.41	FUJITSU AUUA18TLAV2	1,2,3,4,5,6
SSI-54	212	CEILING CASSETTE	318/271/230	50	-	9.5	7.5	23 X 23 X 10	40	1/208/60	15	0.41	FUJITSU AUUA7TLAV2	1,2,3,4,5,6
SSI-55	212A	CEILING CASSETTE	318/271/230	50	-	9.5	7.5	23 X 23 X 10	40	1/208/60	15	0.41	FUJITSU AUUA7TLAV2	1,2,3,4,5,6
SSI-56,57	300C	CASSETTE	589/512/436	-	-	27	24	46 X 32 X 13	84	1/208/60	15	0.74	FUJITSU ABUA24TLAV2	1,2,3,4,5,6
SSI-58	300B	CEILING CASSETTE	318/271/230	-	-	9.5	7.5	23 X 23 X 10	40	1/208/60	15	0.41	FUJITSU AUUA7TLAV2	1,2,3,4,5,6
SSI-59	300A	CEILING CASSETTE	418/348/271	-	-	20	18	23 X 23 X 10	44	1/208/60	15	0.41	FUJITSU AUUA18TLAV2	1,2,3,4,5,6
SSI-60	302	CEILING CASSETTE	589/512/436	-	-	27	24	46 X 32 X 13	84	1/208/60	15	0.74	FUJITSU ABUA24TLAV2	1,2,3,4,5,6
SSI-61,62	301	CEILING CASSETTE	589/512/436	-	-	27	24	46 X 32 X 13	84	1/208/60	15	0.74	FUJITSU ABUA24TLAV2	1,2,3,4,5,6
SSI-63,64	301A	CEILING CASSETTE	589/512/436	-	-	27	24	46 X 32 X 13	84	1/208/60	15	0.74	FUJITSU ABUA24TLAV2	1,2,3,4,5,6
SSI-65,66	301B	CASSETTE	589/512/436	-	-	27	24	46 X 32 X 13	84	1/208/60	15	0.74	FUJITSU ABUA24TLAV2	1,2,3,4,5,6
SSI-67	304	CEILING CASSETTE	589/512/436	-	-	27	24	46 X 32 X 13	84	1/208/60	15	0.74	FUJITSU ABUA24TLAV2	1,2,3,4,5,6
SSI-68,69	306	CEILING CASSETTE	607/465/330	-	-	27	24	23 X 23 X 10	44	1/208/60	15	0.62	FUJITSU AUUA24TLAV2	1,2,3,4,5,6
SSI-70,71	308	CEILING CASSETTE	607/465/330	-	-	27	24	23 X 23 X 10	44	1/208/60	15	0.62	FUJITSU AUUA24TLAV2	1,2,3,4,5,6
SSI-72,73	310	CEILING CASSETTE	607/465/330	-	-	27	24	23 X 23 X 10	44	1/208/60	15	0.62	FUJITSU AUUA24TLAV2	1,2,3,4,5,6
SSI-74,75	312	CEILING CASSETTE	607/465/330	-	-	27	24	23 X 23 X 10	44	1/208/60	15	0.62	FUJITSU AUUA24TLAV2	1,2,3,4,5,6
SSI-76,77	311	CEILING CASSETTE	607/465/330	-	-	27	24	23 X 23 X 10	44	1/208/60	15	0.62	FUJITSU AUUA24TLAV2	1,2,3,4,5,6
SSI-78,79	309	CEILING CASSETTE	607/465/330	-	-	27	24	23 X 23 X 10	44	1/208/60	15	0.62	FUJITSU AUUA24TLAV2	1,2,3,4,5,6
SSI-80,81	307	CEILING CASSETTE	607/465/330	-	-	27	24	23 X 23 X 10	44	1/208/60	15	0.62	FUJITSU AUUA24TLAV2	1,2,3,4,5,6
SSI-82,83	305	CEILING CASSETTE	607/465/330	-	-	27	24	23 X 23 X 10	44	1/208/60	15	0.62	FUJITSU AUUA24TLAV2	1,2,3,4,5,6
SSI-84,85	303	CEILING CASSETTE	607/465/330	-	-	27	24	23 X 23 X 10	44	1/208/60	15	0.62	FUJITSU AUUA24TLAV2	1,2,3,4,5,6
NOTES:	1. UNIT MOUNTED AND WIRED DISCONNECT. 2. BAC NET INTEGRATION TO BMS. 3. COLOR WHITE. 4. DRAIN PAN LEVEL SENSORS. 5. CONDENSATE PUMP. 6. OUTDOOR UNITS POWERS INDOOR UNITS.													

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FAN COIL UNIT SCHEDULE																																	
TAG	LOCATION	SERVICE	MANUFACTURER	MODEL	TYPE	FAN				HOT WATER HEATING COIL												FILTER	ELECTRICAL						WEIGHT (LBS)	NOTES			
						AIR FLOW (CFM)	ESP (IN.WG.)	MOTOR BHP	MOTOR HP	DRIVE	EAT (°F)	LAT (°F)	EWT (°F)	LWT (°F)	CAPACITY (MBH)	FLUID TYPE	GPM	WPD (FT.WG)	TOTAL CAPACITY (MBH)	SENSIBLE CAPACITY (MBH)	AMBIENT (°F)		FACE VELOCITY (FPM)	CIRCUITS	REFRIGERANT	V	PH	HZ			MCA	FLA	MOCp
FCU-1	VEST	102 VEST	AIR THERM	SRBB	DUCTED	500	100	-	2	DIRECT	50	90	180	150	21.6	WATER	1.44	-	19.3	13.5	85	400	1	R410A	MERV 8	120	1	60	-	-	15	-	1.2
NOTES: 1. PROVIDE DISCONNECT. 2. CEILING RECESSED																																	

NOTES: 1. PROVIDE DISCONNECT.
2. CEILING RECESSED

2

ENERGY RECOVERY EHEEL PERFORMANCE SCHEDULE																														
TAG	SUPPLY FAN				EXHAUST FAN				WINTER CONDITIONS										SUMMER CONDITIONS										TYPICAL UNIT MFG & MODEL NO.	NOTES:
	AIR FLOW (CFM)	E.S.P. (IN WC)	RPM	HP	AIR FLOW (CFM)	E.S.P. (IN WC)	RPM	HP	WHEEL ENTERING CONDITIONS				WHEEL LEAVING CONDITIONS				TOTAL CAPACITY	WHEEL ENTERING CONDITIONS				WHEEL LEAVING CONDITIONS				TOTAL CAPACITY	EFFECTIVENESS @ SUMMER DESIGN			
									OUTSIDE AIR		RETURN AIR		SUPPLY AIR		EXHAUST AIR			OUTSIDE AIR		RETURN AIR		SUPPLY AIR		EXHAUST AIR						
									DB (°F)	WB (°F)	DB (°F)	WB (°F)	DB (°F)	WB (°F)	DB (°F)	WB (°F)		DB (°F)	WB (°F)	DB (°F)	WB (°F)	DB (°F)	WB (°F)	DB (°F)	WB (°F)					
RTU-1	3675	0.75	1760	5	2390	0.5	1760	2	-2	-3	65	62	42.71	42.71	20.29	20.29	185.74	95	71	72	62	79.25	65.08	87.47	68.27	46.05	66.4	AAON RN-011-3-0-DAAC-V0-21-000-A	1,2,3	
RTU-2	3675	0.75	1760	5	2390	0.5	1760	2	-2	-3	65	62	42.71	42.71	20.29	20.29	185.74	95	71	72	62	79.25	65.08	87.47	68.27	46.05	66.4	AAON RN-011-3-0-DAAC-V0-21-000-A	1,2,3	
NOTES: 1. 14" INSULATED CURB. EXTEND EXISTING CONTROLS TO NEW UNITS. 2. FACTORY MOUNTED AND WIRED DISCONNECT. 2" PREFILTER, 4" MERV 13 FILTER. 3. DOUBLE WAS, R-13 FOAM INSULATION.																														

NOTES: 1. 14" INSULATED CURB. EXTEND EXISTING CONTROLS TO NEW UNITS.
2. FACTORY MOUNTED AND WIRED DISCONNECT. 2" PREFILTER, 4" MERV 13 FILTER.
3. DOUBLE WAS, R-13 FOAM INSULATION.

ENERGY RECOVERY UNIT

MARK	LOCATION	AREA SERVED	SA/OA (CFM)	EA (CFM)	RA (CFM)	SUPPLY FAN					EXHAUST FAN					HEATING TYPE	FROST CONTROL	OPERATING WEIGHT (LBS)	FILTERS	UNIT ELECTRICAL REQUIREMENTS	
						FAN TYPE	E.S.P. (IN. WC)	RPM	BHP	HP	FAN TYPE	E.S.P. (IN. WC)	RPM	BHP	HP					V/Ø/HZ	MCA
ERU-1	ROOF	CLASSROOMS	2000	2000	2000	PLENUM	1	1760	1.48	2	PLENUM	0.5	1760	0.85	2	ELECTRIC	YES	1554	2" PRE-FILTER/4" MERV 13	460/3/60	54
ERU-2	ROOF	CLASSROOMS	1500	1500	1500	PLENUM	1	1760	1.48	2	PLENUM	0.5	1760	0.85	2	ELECTRIC	YES	1554	2" PRE-FILTER/4" MERV 13	460/3/60	54
ERU-3	ROOF	CLASSROOMS	2000	2000	2000	PLENUM	1	1760	1.48	2	PLENUM	0.5	1760	0.85	2	ELECTRIC	YES	1554	2" PRE-FILTER/4" MERV 13	460/3/60	54
ERU-4	ROOF	CLASSROOMS	1500	1500	1500	PLENUM	1	1760	1.48	2	PLENUM	0.5	1760	0.85	2	ELECTRIC	YES	1554	2" PRE-FILTER/4" MERV 13	460/3/60	54
ERU-5	ROOF	CLASSROOMS	2000	2000	2000	PLENUM	1	1760	1.48	2	PLENUM	0.5	1760	0.85	2	ELECTRIC	YES	1554	2" PRE-FILTER/4" MERV 13	460/3/60	54
ERU-6	ROOF	CLASSROOMS	1060	1060	1060	PLENUM	1	1760	1.48	2	PLENUM	0.5	1760	0.85	2	ELECTRIC	YES	1554	2" PRE-FILTER/4" MERV 13	460/3/60	54
ERU-7	ROOF	CLASSROOMS	2000	2000	2000	PLENUM	1	1760	1.48	2	PLENUM	0.5	1760	0.85	2	ELECTRIC	YES	1554	2" PRE-FILTER/4" MERV 13	460/3/60	54
ERU-8	ROOF	CLASSROOMS	2000	2000	2000	PLENUM	1	1760	1.48	2	PLENUM	0.5	1760	0.85	2	ELECTRIC	YES	1554	2" PRE-FILTER/4" MERV 13	460/3/60	54
ERU-9	ROOF	CLASSROOMS	700	700	700	PLENUM	1	1760	1.48	2	PLENUM	0.5	1760	0.85	2	ELECTRIC	YES	1554	2" PRE-FILTER/4" MERV 13	460/3/60	54
ERU-10	ROOF	CLASSROOMS	1660	1660	1660	PLENUM	1	1760	1.48	2	PLENUM	0.5	1760	0.85	2	ELECTRIC	YES	1554	2" PRE-FILTER/4" MERV 13	460/3/60	54
ERU-11	ROOF	CLASSROOMS	1040	1040	1040	PLENUM	1	1760	1.48	2	PLENUM	0.5	1760	0.85	2	ELECTRIC	YES	1554	2" PRE-FILTER/4" MERV 13	460/3/60	54

ENERGY RECOVERY UNIT (CONT.)

MARK	WINTER CONDITIONS										SUMMER CONDITIONS										TYPICAL UNIT MFG & MODEL NO.	NOTES		
	WHEEL ENTERING CONDITIONS					WHEEL LEAVING CONDITIONS					EFFECTIVENESS @ WINTER DESIGN	WHEEL ENTERING CONDITIONS					WHEEL LEAVING CONDITIONS						EFFECTIVENESS @ SUMMER DESIGN	
	OUTSIDE AIR		RETURN AIR		SUPPLY AIR		EXHAUST AIR			OUTSIDE AIR		RETURN AIR		SUPPLY AIR		EXHAUST AIR								
	DB (°F)	WB (°F)	DB (°F)	WB (°F)	DB (°F)	WB (°F)	DB (°F)	WB (°F)	TOTAL %	DB (°F)		WB (°F)	DB (°F)	WB (°F)	DB (°F)	WB (°F)	DB (°F)	WB (°F)	TOTAL %					
ERU-1	-7	-8	68	50	40	32	18.5	16.9	64.8	90	71	75	62	80	65	84.7	68	63.7	AAON RN-007-8-0-E809-13A	1,2,3,4				
ERU-2	-7	-8	68	50	40	32	18.5	16.9	64.8	90	71	75	62	80	65	84.7	68	63.7	AAON RN-007-8-0-E809-13A	1,2,3,4				
ERU-3	-7	-8	68	50	40	32	18.5	16.9	64.8	90	71	75	62	80	65	84.7	68	63.7	AAON RN-007-8-0-E809-13A	1,2,3,4				
ERU-4	-7	-8	68	50	40	32	18.5	16.9	64.8	90	71	75	62	80	65	84.7	68	63.7	AAON RN-007-8-0-E809-13A	1,2,3,4				
ERU-5	-7	-8	68	50	40	32	18.5	16.9	64.8	90	71	75	62	80	65	84.7	68	63.7	AAON RN-007-8-0-E809-13A	1,2,3,4				
ERU-6	-7	-8	68	50	40	32	18.5	16.9	64.8	90	71	75	62	80	65	84.7	68	63.7	AAON RN-007-8-0-E809-13A	1,2,3,4				
ERU-7	-7	-8	68	50	40	32	18.5	16.9	64.8	90	71	75	62	80	65	84.7	68	63.7	AAON RN-007-8-0-E809-13A	1,2,3,4				
ERU-8	-7	-8	68	50	40	32	18.5	16.9	64.8	90	71	75	62	80	65	84.7	68	63.7	AAON RN-007-8-0-E809-13A	1,2,3,4				
ERU-9	-7	-8	68	50	40	32	18.5	16.9	64.8	90	71	75	62	80	65	84.7	68	63.7	AAON RN-007-8-0-E809-13A	1,2,3,4				
ERU-10	-7	-8	68	50	40	32	18.5	16.9	64.8	90	71	75	62	80	65	84.7	68	63.7	AAON RN-007-8-0-E809-13A	1,2,3,4				
ERU-11	-7	-8	68	50	40	32	18.5	16.9	64.8	90	71	75	62	80	65	84.7	68	63.7	AAON RN-007-8-0-E809-13A	1,2,3,4				

NOTES: 1. FACTORY MOUNTED AND WIRED DISCONNECT.
2. FRESH AIR AND EXHAUST DAMPERS.
3. TERMINAL STRIP FOR BMS CONTROL OF FAN AND DAMPERS.
4. DIRTY FILTER SENSORS.

ENERGY RECOVERY UNIT (CONT.)

MARK	TYPE	FINS PER INCH	ROWS	FACE VEL	COIL PD	REF.	COMP QTY	COOLING				REHEAT		HEATING				
								TOTAL CAPACITY (MBH)	SENSIBLE (MBH)	EAT(F)	LAT(F)	CAPACITY (MBH)	LAT(F)	INPUT (MBH)	OUTPUT (MBH)	AMBIENT (F)	EAT(F)	LAT(F)
ERU-1	AIR TO AIR	14	3	235	0.12	410A	1	69.2	54.7	80.0/65.3	54.2/53.3	34	70.0/59.5	8.6	47	27/24.3	53.4/41.7	72.1/50.6
ERU-2	AIR TO AIR	14	3	235	0.12	410A	1	69.2	54.7	80.0/65.3	54.2/53.3	34	70.0/59.5	8.6	47	27/24.3	53.4/41.7	72.1/50.6
ERU-3	AIR TO AIR	14	3	235	0.12	410A	1	69.2	54.7	80.0/65.3	54.2/53.3	34	70.0/59.5	8.6	47	27/24.3	53.4/41.7	72.1/50.6
ERU-4	AIR TO AIR	14	3	235	0.12	410A	1	69.2	54.7	80.0/65.3	54.2/53.3	34	70.0/59.5	8.6	47	27/24.3	53.4/41.7	72.1/50.6
ERU-5	AIR TO AIR	14	3	235	0.12	410A	1	69.2	54.7	80.0/65.3	54.2/53.3	34	70.0/59.5	8.6	47	27/24.3	53.4/41.7	72.1/50.6
ERU-6	AIR TO AIR	14	3	235	0.12	410A	1	69.2	54.7	80.0/65.3	54.2/53.3	34	70.0/59.5	8.6	47	27/24.3	53.4/41.7	72.1/50.6
ERU-7	AIR TO AIR	14	3	235	0.12	410A	1	69.2	54.7	80.0/65.3	54.2/53.3	34	70.0/59.5	8.6	47	27/24.3	53.4/41.7	72.1/50.6
ERU-8	AIR TO AIR	14	3	235	0.12	410A	1	69.2	54.7	80.0/65.3	54.2/53.3	34	70.0/59.5	8.6	47	27/24.3	53.4/41.7	72.1/50.6
ERU-9	AIR TO AIR	14	3	235	0.12	410A	1	69.2	54.7	80.0/65.3	54.2/53.3	34	70.0/59.5	8.6	47	27/24.3	53.4/41.7	72.1/50.6
ERU-10	AIR TO AIR	14	3	235	0.12	410A	1	69.2	54.7	80.0/65.3	54.2/53.3	34	70.0/59.5	8.6	47	27/24.3	53.4/41.7	72.1/50.6
ERU-11	AIR TO AIR	14	3	235	0.12	410A	1	69.2	54.7	80.0/65.3	54.2/53.3	34	70.0/59.5	8.6	47	27/24.3	53.4/41.7	72.1/50.6