AIR COOLED CONDENSING UNIT SCHEDULE

MARK	MANUFACTURER	MODEL	COOLING DATA					ELECTRICAL					NOTES
			HIGH AMBIENT OUTDOOR TEMP [°F]	TOTAL CAPACITY [BTU]	SENSIBLE CAPACITY [MBH]	EFFICIENCY [EER]	AMBIENT DESIGN TEMP [°F]	V	PH	HZ	MCA [AMPS]	MOP [AMPS]	
CU-1	RHEEM	RH1T2421SANJA	105	24	22	14	55	208	1	60	14	20	
CU-2	RHEEM	RH1T2421SANJA	105	24	22	14	55	208	1	60	14	20	
CU-3	RHEEM	RH136421SANJA	105	36	30	14	55	208	1	60	23	35	
CU-4	RHEEM	RH1T2421SANJA	105	24	22	14	55	208	1	60	14	20	
CU-5	RHEEM	RH136421SANJA	105	36	30	14	55	208	1	60	23	35	
CU-6	RHEEM	RH136421SANJA	105	36	30	14	55	208	1	60	23	35	
CU-7	RHEEM	ROSH24AHXHJ	105	24	22	14	0	208	1	60	19	20	

NOTES:

1. NOMINAL COOLING CAPACITIES ARE BASED ON INDOOR AIR TEMPERATURE OF 80°F DB / 67°F WB, OUTDOOR AIR TEMPERATURE OF 95°F (DB)
2. NOMINAL HEATING CAPACITIES ARE BASED ON INDOOR AIR TEMPERATURE OF 70°F DB, OUTDOOR AIR TEMPERATURE OF 47°F DB / 43°F WB
3. DUCTLESS AND SINGLE-PHASE VRF HEAT PUMP EFFICIENCY VALUES FOR EER, SEER, AND HSPF ARE FOR MIXED DUCTED AND NON-DUCTED INDOOR UNITS BASED ON AHRI 210/240 TEST METHOD.
4. MANUFACTURER MUST BE CERTIFIED, LISTED, AND LABELED PER AHRI 1230.

FAN COIL UNIT SCHEDULE

MARK	MANUFACTURER	MODEL	AIR		OUTSIDE AIR [CFM]	DX COOLING COIL	HEATING CAPACITY [MBH]	ELETRICAL					NOTES
			AIRFLOW (CFM)	E.S.P. [IN WC]		TOTAL CAPACITY [BTU]		V	PH	HZ	MCA [AMPS]	MOP [AMPS]	
FCU-1	RHEEM	RA1624AJ1NA	640	1.5	80	24	5.4	208	3	60	21	25	
FCU-2	RHEEM	RA1624AJ1NA	640	1.5	80	24	5.4	208	3	60	21	25	
FCU-3	RHEEM	RA1636AJ1NA	960	1.5	100	36	7.2	208	3	60	29	30	
FCU-4	RHEEM	RA1624AJ1NA	640	1.5	80	24	5.4	208	3	60	21	25	
FCU-5	RHEEM	RA1636AJ1NA	960	1.5	100	36	7.2	208	3	60	29	30	
FCU-6	RHEEM	RA1636AJ1NA	960	1.5	100	36	7.2	208	3	60	29	30	
FCU-7	RHEEM	RWH24AVFJ	800	0.25	0	24	0	208	1	60	19	20	

NOTES:

1. NOMINAL COOLING CAPACITIES ARE BASED ON INDOOR AIR TEMPERATURE OF 80°F DB / 67°F WB, OUTDOOR AIR TEMPERATURE OF 95°F (DB)
2. NOMINAL HEATING CAPACITIES ARE BASED ON INDOOR AIR TEMPERATURE OF 70°F DB, OUTDOOR AIR TEMPERATURE OF 47°F DB / 43°F WB
3. LEAVING AIR TEMPERATURE ESTIMATED USING FORMULA FOR SENSIBLE CAPACITY = (1.08 BTU/(HR CFM °F)) X CFM X DELTAT
4. ALL VRF ZONE CONTROLLERS TO BE LOCATED IN SECOND LEVEL MECHANICAL ROOM
5. PROVIDE CONDENSATE PUMP BY MANUFACTURER.

FAN SCHEDULE

MARK	MANU.	MODEL	FAN TYPE	CFM	E.S.P. IN. W.G.	ELECTRICAL					NOTES
						MOTOR DATA					
						WATTS	RPM	V	PH	HZ	
EF-1	GREENHECK	SP-A150	EXHAUST	70	0.25	50	1400	120	1	60	

NOTES:

1. EXTERNAL STATIC PRESSURE DOES NOT ACCOUNT FOR LOSSES DUE TO FILTERS, HOUSING, NOR ACCESSORIES.
2. PROVIDE FAN WITH MOTOR RATED TOGGLE SWITCH, VARI-GREEN DIAL MOUNTED ON EXTERIOR OF FAN HOUSING, AND VIBRATION ISOLATIORS.
3. CEILING EXHAUST W/BACK DRAFT DAMPER AND SOLID STATE SPEED CONTROL

AIR DEVICE SCHEDULE

MARK	MANU.	MODEL	TYPE	NOMINAL FACE SIZE	MAX CFM	NECK SIZE	NOISE CRITERIA (MAX) NC	NOTES
B	PRICE	TMS	HIGH PERFORMANCE SQUARE CONE DIFFUSER	24 x 24	250 CFM	8"ø	25	
A	PRICE	ASCD	HIGH PERFORMANCE SQUARE CONE DIFFUSER	24 x 24	1250 CFM	12"ø	25	
C	PRICE	ASCD	HIGH PERFORMANCE SQUARE CONE DIFFUSER	24 x 24	150 CFM	6"ø	25	
R	PRICE	50F	EGGCRATE RETURN GRILLE	24 x 24	250 CFM	8"ø	25	

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