

FAN SCHEDULE								
MARK	CFM	DRIVE	E.S.P. (IN. W.G.)	HP	TYPE	SERVICE	BASIS OF DESIGN	NOTES
AC-1	1445	DIRECT	0	0.50	AIR CURTAIN	KITCHEN	MARS STD248-1U	8
AC-2	1445	DIRECT	0	0.50	AIR CURTAIN	KITCHEN	MARS STD248-1U	8
EF-1	2500	DIRECT	0.375	1.00	ROOF	1.222 MECHANICAL	GREENHECK G-183-VG	1,2,5,6,7
EF-2	2500	DIRECT	0.375	1.00	ROOF	1.222 ELECTRICAL	GREENHECK G-183-VG	1,2,5,6,7
EF-3	250	DIRECT	0.375	0.10	ROOF	1.216 JAN.	GREENHECK G-80-VG	1,4,5,6,7
EF-4	1000	DIRECT	0.5	0.25	ROOF	1.218 DISH WASH	GREENHECK GUE-101-VG	1,3,5,6,7
EF-5	225	DIRECT	0.5	0.10	ROOF	1.137 JAN. EQUIP.	GREENHECK G-80-VG	1,4,5,6,7
WF-1	6200	DIRECT	0	0.33	WALL	KITCHEN	DAYTON 1VCE8	
WF-2	6200	DIRECT	0	0.33	WALL	KITCHEN	DAYTON 1VCE8	
WF-3	6200	DIRECT	0	0.33	WALL	KITCHEN	DAYTON 1VCE8	

- NOTES:
 1. PROVIDE WITH ROOF CURB.
 2. CONTROLLED BY WALL MOUNTED THERMOSTAT SET AT 85°F (ADJUSTABLE).
 3. CONTROLLED BY INTERLOCK / AUX. CONTACT IN DISHWASHER CONTROL PANEL. AUX. CONTACTS BY KITCHEN CONTRACTOR. SEE ELECTRICAL.
 4. CONTROLLED BY INTERLOCK WITH BUILDING AUTOMATION SYSTEM.
 5. PROVIDE WITH BACKDRAFT DAMPER.
 6. PROVIDE WITH SPEED CONTROLLER.
 7. EC MOTOR.
 8. CONTROLLED BY DOOR SWITCH.

DUCTLESS SPLIT SYSTEM SCHEDULE													
MARK	CFM	COOLING (95°F O.A. TEMP.)					HEATING (47°F O.A. TEMP.)			BASIS OF DESIGN		NOTES	
		E.A.T. DB/WB (°F)	TOT. MBH	SEN. MBH	SEER	E.A.T. DB/WB (°F)	TOT. MBH	H.S.P.F.	INDOOR UNIT	OUTDOOR UNIT			
DS-1 / DSOU-1	920	80/67	34.2	23.9	14.0	70/60	25.0	9.3	1.121 MDF	PKA-A36KA	PUZ-A36NHA4	1,2,3,4	
DS-2 / DSOU-2	920	80/67	34.2	23.9	14.0	70/60	25.0	9.3	1.123 ELEC.	PKA-A36KA	PUZ-A36NHA4	1,2,3,4	
DS-3 / DSOU-3	920	80/67	34.2	23.9	14.0	70/60	25.0	9.3	1.143 DATA	PKA-A36KA	PUZ-A36NHA4	1,2,3,4	
DS-4 / DSOU-4	920	80/67	34.2	23.9	14.0	70/60	25.0	9.3	1.144 ELEC.	PKA-A36KA	PUZ-A36NHA4	1,2,3,4	
DS-5 / DSOU-5	920	80/67	34.2	23.9	14.0	70/60	25.0	9.3	1.174 DATA	PKA-A36KA	PUZ-A36NHA4	1,2,3,4	
DS-6 / DSOU-6	920	80/67	34.2	23.9	14.0	70/60	25.0	9.3	1.173 ELEC.	PKA-A36KA	PUZ-A36NHA4	1,2,3,4	
DS-7 / DSOU-7	425	80/67	18.0	12.6	15.0	70/60	25.0	9.5	1.213 DATA	PKA-A18KA	PUZ-A18NHA4	1,2,3,4	
DS-8 / DSOU-8	425	80/67	18.0	12.6	15.0	70/60	25.0	9.5	1.212 OFFICE	PKA-A18KA	PUZ-A18NHA4	1,2,3,4	
DS-9 / DSOU-9	640	80/67	24.0	18.2	13.6	70/60	16.0	8.5	1.227 DRY STORAGE	PLA-A24BA4	PUZ-A24NHA4	1,2,3,5	
DS-10 / DSOU-10	425	80/67	18.0	12.6	15.0	70/60	25.0	9.5	2.191 DATA	PKA-A18KA	PUZ-A18NHA4	1,2,3,4	
DS-11 / DSOU-11	425	80/67	18.0	12.6	15.0	70/60	25.0	9.5	2.192 ELEC.	PKA-A18KA	PUZ-A18NHA4	1,2,3,4	
DS-12 / DSOU-12	425	80/67	18.0	12.6	15.0	70/60	25.0	9.5	2.162 DATA	PKA-A18KA	PUZ-A18NHA4	1,2,3,4	
DS-13 / DSOU-13	425	80/67	18.0	12.6	15.0	70/60	25.0	9.5	2.161 ELEC.	PKA-A18KA	PUZ-A18NHA4	1,2,3,4	
DS-14 / DSOU-14	775	80/67	24.0	18.5	17.0	70/60	26	10.8	1.136B ELEV. MACH. RM.	PKA-A24KA	PUZ-A24NHA4	1,2,3,4	
DS-15 / DSOU-15	425	80/67	18.0	12.6	15.0	70/60	25.0	9.5	1.139 COACH'S OFFICE	PKA-A18KA	PUZ-A18NHA4	1,2,3,4	

- NOTES:
 1. COOLING CAPACITIES BASED ON AHRI STANDARD CONDITIONS.
 2. HEATING CAPACITIES BASED ON AHRI LOW HEAT CONDITIONS.
 3. PROVIDE WITH HARD WIRED THERMOSTAT.
 4. PROVIDE WITH INTEGRAL CONDENSATE PUMP.
 5. PROVIDE WITH EXTERNAL CONDENSATE PUMP, LITTLE GIANT OR EQUAL. MOUNT PUMP ADJACENT TO UNIT ON WALL.

ROOF MOUNTED AIR CONDITIONING UNIT SCHEDULE													
MARK	CFM	OA CFM	E.S.P. (IN. W.G.)	MAX HP	MIN EFF EER (SEER)	EAT DB/WB °F	TOTAL CAP (MBH)	SENS CAP (MBH)	HTG INPUT (MBH)	HTG OUTPUT (MBH)	BASIS OF DESIGN	NOTES	
RTU-1	5000	1150	0.0	5.0	12.0	80/67	183.4	138.5	310.0	251.0	CARRIER 48HC07		
RTU-2	5000	1150	0.0	5.0	12.0	80/67	183.4	138.5	310.0	251.0	CARRIER 48HC07		
RTU-3	3400	100	0.6	4.0	12.0	80/67	103.6	81.0	125.0	103.0	CARRIER 48HC09		
RTU-4	3600	300	1.0	5.0	11.5	80/67	119.5	89.6	180.0	148.0	CARRIER 48HC02		
RTU-5	4000	325	0.6	5.0	11.5	80/67	119.5	89.6	180.0	148.0	CARRIER 48HC02		
RTU-6	6000	1150	0.0	5.0	12.0	80/67	183.4	138.5	310.0	251.0	CARRIER 48HC07		
RTU-7	6000	1150	0.0	5.0	12.0	80/67	183.4	138.5	310.0	251.0	CARRIER 48HC07		
RTU-8	2400	300	1.0	5.0	12.0	80/67	75.2	56.9	125.0	103.0	CARRIER 48HC07		
RTU-9	3400	175	1.0	4.0	12.0	80/67	103.6	81.0	125.0	103.0	CARRIER 48HC09		

ENERGY RECOVERY SCHEDULE																														
MARK	SUPPLY AIR				EXHAUST AIR				DESICCANT WHEEL PERFORMANCE - SUMMER					DX COOLING PERFORMANCE				HOT GAS REHEAT			DESICCANT WHEEL PERFORMANCE - WINTER					HEATING PERFORMANCE				
	CFM	E.S.P. (IN. W.G.)	HP	SEER	CFM	E.S.P. (IN. W.G.)	HP	SEER	EAT DB/WB (°F)	OA EAT DB/WB (°F)	OA LAT DB/WB (°F)	TOTAL HEAT TRANSFERRED (MBH)	EAT DB/WB (°F)	LAT DB/WB (°F)	SENS. CAP. (MBH)	TOTAL CAP. (MBH)	EAT DB/WB (°F)	LAT DB (°F)	E.A. EAT DB/WB (°F)	O.A. EAT DB/WB (°F)	OAT LAT DB (°F)	TOTAL HEAT TRANSFERRED (MBH)	EAT DB/WB (°F)	INPUT CAP. (MBH)	OUTPUT CAP. (MBH)	LAT DB/WB (°F)	BASIS OF DESIGN	NOTES		
ERU-A1	1200	0.8	1.0	1025	0.8	1.0	74.0 / 61.6	82.0 / 77.0	76.3 / 67.1		50.2	76.3 / 67.1	48.2 / 48.1	37.1	67.1	48.2 / 48.1	76.9	70.0 / 54.1	10.0 / 9.0	53.3	56.1	53.3	100	80	115	GREENHECK RVE-40				
ERU-B1	3600	1.0	5.0	2900	1.0	3.0	74.0 / 61.6	82.0 / 77.0	77.3 / 69.2		123.1	77.3 / 69.2	50.8 / 50.8	105.1	205.6	50.8 / 50.8	70	70.0 / 54.1	10.0 / 9.0	45.4	137.6	45.4	200	160	86.6	GREENHECK RVE-40				
ERU-B2	3600	0.0	0.0	2900	0.0	0.0	74.0 / 61.6	82.0 / 77.0	77.3 / 69.2		123.1	77.3 / 69.2	50.8 / 50.8	105.1	205.6	50.8 / 50.8	70	70.0 / 54.1	10.0 / 9.0	45.4	137.6	45.4	200	160	86.6	GREENHECK RVE-40				
ERU-C1	3600	0.0	0.0	2900	0.0	0.0	74.0 / 61.6	82.0 / 77.0	77.3 / 69.2		123.1	77.3 / 69.2	50.8 / 50.8	105.1	205.6	50.8 / 50.8	70	70.0 / 54.1	10.0 / 9.0	45.4	137.6	45.4	200	160	86.6	GREENHECK RVE-40				
ERU-C2	3600	0.0	0.0	2900	0.0	0.0	74.0 / 61.6	82.0 / 77.0	77.3 / 69.2		123.1	77.3 / 69.2	50.8 / 50.8	105.1	205.6	50.8 / 50.8	70	70.0 / 54.1	10.0 / 9.0	45.4	137.6	45.4	200	160	86.6	GREENHECK RVE-40				
MAU-1	3500	1.0	3.0	0	0.0	0.0						82.0 / 77.0	54.1 / 54.1	108	283.4	54.1 / 54.1	79.4				0	10	300	240	73.5	GREENHECK RV-45				

WATER SOURCE HEAT PUMP SCHEDULE																	
MARK	CFM	E.S.P. (IN. W.G.)	MAX HP	COOLING				HEATING				P.D. (FT.)	GPM	CONTROL VALVE	BASIS OF DESIGN	NOTES	
				E.A.T. (°F)	TOTAL CAP. (MBH)	SENS. CAP. (MBH)	MIN. EER	E.A.T. (°F)	TOTAL CAP. (MBH)	C.O.P.							
WHP-B1-1	1000	0.4	0.3	80/67	30.7	23.6	14.4	70	31.5	4.6	15.2	7.5	NONE	CARRIER 50PCH030	1,2,3		
WHP-B1-2	1200	0.4	0.5	80/67	36.8	28.2	13.6	70	37.9	4.2	13.7	9.0	NONE	CARRIER 50PCH036	1,2,3		
WHP-B1-3	1000	0.4	0.3	80/67	30.7	23.6	14.4	70	31.5	4.6	15.2	7.5	NONE	CARRIER 50PCH030	1,2,3		
WHP-B1-4	700	0.4	0.3	80/67	22.9	17.2	12.6	70	25.2	4.0	14.0	6.0	NONE	CARRIER 50PCH024	1,2,3		
WHP-B1-5	1000	0.4	0.3	80/67	30.7	23.6	14.4	70	31.5	4.6	15.2	7.5	2-WAY	CARRIER 50PCH030	1,2,3		
WHP-B1-6	1000	0.4	0.3	80/67	30.7	23.6	14.4	70	31.5	4.6	15.2	7.5	2-WAY	CARRIER 50PCH030	1,2,3		
WHP-B1-7	1000	0.4	0.3	80/67	30.7	23.6	14.4	70	31.5	4.6	15.2	7.5	2-WAY	CARRIER 50PCH030	1,2,3		
WHP-B1-8	1000	0.4	0.3	80/67	30.7	23.6	14.4	70	31.5	4.6	15.2	7.5	2-WAY	CARRIER 50PCH030	1,2,3		
WHP-B1-9	950	0.4	0.3	80/67	30.7	23.6	14.4	70	31.5	4.6	15.2	7.5	2-WAY	CARRIER 50PCH030	1,2,3		
WHP-B1-10	1000	0.4	0.3	80/67	30.7	23.6	14.4	70	31.5	4.6	15.2	7.5	2-WAY	CARRIER 50PCH030	1,2,3		
WHP-B1-11	1000	0.4	0.3	80/67	30.7	23.6	14.4	70	31.5	4.6	15.2	7.5	2-WAY	CARRIER 50PCH030	1,2,3		
WHP-B1-12	650	0.4	0.3	80/67	22.9	17.2	12.6	70	25.2	4.0	14.0	6.0	2-WAY	CARRIER 50PCH024	1,2,3		
WHP-B1-13	1000	0.4	0.3	80/67	30.7	23.6	14.4	70	31.5	4.6	15.2	7.5	2-WAY	CARRIER 50PCH030	1,2,3		
WHP-B1-14	1300	0.4	0.8	80/67	46.9	35.3	12.5	70	51.6	4.2	6.6	12.0	2-WAY	CARRIER 50PCH048	1,2,3		
WHP-B1-15	950	0.4	0.3	80/67	30.7	23.6	14.4	70	31.5	4.6	15.2	7.5	2-WAY	CARRIER 50PCH030	1,2,3		
WHP-B1-16	1500	0.4	0.8	80/67	46.9	35.3	12.5	70	51.6	4.2	6.6	12.0	2-WAY	CARRIER 50PCH048	1,2,3		
WHP-B2-1	1200	0.4	0.5	80/67	36.8	28.2	13.6	70	37.9	4.2	13.7	9.0	NONE	CARRIER 50PCH036	1,2,3		
WHP-B2-2	1200	0.4	0.5	80/67	36.8	28.2	13.6	70	37.9	4.2	13.7	9.0	NONE	CARRIER 50PCH036	1,2,3		
WHP-B2-3	1200	0.4	0.5	80/67	36.8	28.2	13.6	70	37.9	4.2	13.7	9.0	NONE	CARRIER 50PCH036	1,2,3		
WHP-B2-4	1000	0.4	0.3	80/67	30.7	23.6	14.4	70	31.5	4.6	15.2	7.5	NONE	CARRIER 50PCH030	1,2,3		
WHP-B2-5	1200	0.4	0.5	80/67	36.8	28.2	13.6	70	37.9	4.2	13.7	9.0	NONE	CARRIER 50PCH036	1,2,3		
WHP-B2-6	1200	0.4	0.5	80/67	36.8	28.2	13.6	70	37.9	4.2	13.7	9.0	NONE	CARRIER 50PCH036	1,2,3		
WHP-B2-7	1200	0.4	0.5	80/67	36.8	28.2	13.6	70	37.9	4.2	13.7	9.0	2-WAY	CARRIER 50PCH036	1,2,3		
WHP-B2-8	1200	0.4	0.5	80/67	36.8	28.2	13.6	70	37.9	4.2	13.7	9.0	2-WAY	CARRIER 50PCH036	1,2,3		
WHP-B2-9	1400	0.4	0.5	80/67	40.6	30.7	12.1	70	45.0	4.0	16.3	10.5	2-WAY				