

SPLIT SYSTEM HEAT PUMP SCHEDULE																				
INDOOR UNIT I.D.	OUTDOOR UNIT I.D.	AIR CAPACITY CFM		NOMINAL FAN HP	E.S.P. INCHES W.G.	COOLING COIL					HEATING COIL					BASIS OF DESIGN	INDOOR MODEL	OUTDOOR MODEL		
		TOTAL	O/A (MIN)			TOTAL MBH	SENS. MBH	ENTERING AIR		LEAVING AIR		TOTAL MBH	HEATING CFM	EAT °F	COP @ 47°F				HEATING KW @ 208V	
AH-1	HP-1	3000	450	3	1.00 in-wg	92.3	61.2	80.0 °F	67.0 °F	58.6 °F	56.8 °F	11	85.4	3000	45.0 °F	3.3	10	LENNOX	TAA090S4D-HIGH-230	TPA090S4S-230-E

NOTES:  
 1. SEE SPECIFICATIONS FOR MORE INFORMATION.  
 2. SEE ELECTRICAL DRAWINGS FOR VOLTAGE INFORMATION.  
 3. UNITS SHALL BE FURNISHED WITH ECONOMIZER WITH DRY BULB CONTROL.  
 4. PROVIDE SEACOAST FACTORY COATED CONDENSER COILS.  
 5. PROVIDE UNIT WITH HOT GAS REHEAT.

VRV FAN COIL UNIT SCHEDULE						
UNIT I.D.	COOLING MBH	COOLING MBH SENS	AIRFLOW	HEATING (MBH)	BASIS OF DESIGN	MODEL
FCU-1	11.3	7.2	335	13.5	DAIKIN	FXZQ12MVJU9
FCU-2	11.3	7.2	335	13.5	DAIKIN	FXZQ12MVJU9
FCU-3	11.3	8.6	335	13.5	DAIKIN	FXMQ12PBVJU
FCU-4	8.9	6.9	335	10.5	DAIKIN	FXMQ09PVBVJU
FCU-5	8.9	6.9	335	10.5	DAIKIN	FXMQ09PVBVJU
FCU-6	8.9	6.9	335	10.5	DAIKIN	FXMQ09PVBVJU
FCU-7	8.9	6.9	335	10.5	DAIKIN	FXMQ09PVBVJU
FCU-8	8.9	6.9	335	10.5	DAIKIN	FXMQ09PVBVJU
FCU-9	8.9	6.9	335	10.5	DAIKIN	FXMQ09PVBVJU
FCU-10	14.1	10.1	400	16.5	DAIKIN	FXFQ15TVJU
FCU-11	16.9	13.7	500	19.9	DAIKIN	FXMQ18PBVJU

NOTES:  
 1. REFER TO THE ELECTRICAL DRAWINGS FOR VOLTAGE INFORMATION.  
 2. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.  
 3. PROVIDE SEACOAST COATING ON CONDENSER COILS.  
 4. PROVIDE WITH BRANCH SELECTOR UNIT, BS-1. DAIKIN MODEL # BS12Q54TVJ.

DUCTLESS MINI-SPLIT SYSTEM SCHEDULE									
UNIT I.D.	OUTDOOR UNIT I.D.	MAXIMUM AIRFLOW (CFM)	RATED CAPACITY (MBH)	MINIMUM CAPACITY (MBH)	EAT DB °F	EAT WB °F	BASIS OF DESIGN	INDOOR MODEL	OUTDOOR MODEL
AH-2	CU-2	400	10.9	4.4	80 °F	67 °F	DAIKIN	FTX11	RKX11MVJU

NOTES:  
 1. REFER TO THE ELECTRICAL DRAWINGS FOR VOLTAGE INFORMATION.  
 2. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.  
 3. PROVIDE SEACOAST COATING ON CONDENSER COILS.  
 4. PROVIDE CONDENSATE PUMP.  
 5. WIRED THERMOSTAT IN SPACE.

EXHAUST FAN SCHEDULE								
UNIT I.D.	CAPACITY CFM	E.S.P. INCHES W.G.	TYPE	ERPM	MAXIMUM SOUND RATING (SONES)	BASIS OF DESIGN	MODEL	NOTES
EF-1	210	0.30 in-wg	CABINET	350	5	GREENHECK	SP-A390	1.2,4
EF-2	140	0.30 in-wg	CABINET	300	2.5	GREENHECK	SP-A190	1.2,4
EF-3	70	0.30 in-wg	INLINE	150	3.4	GREENHECK	SQ-65-VG	1.2,3
EF-4	200	0.30 in-wg	INLINE	1200	5.3	GREENHECK	SQ-80-VG	1.2,5

NOTES:  
 1. REFER TO THE ELECTRICAL DRAWINGS FOR VOLTAGE INFORMATION.  
 2. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.  
 3. FAN SHALL RUN CONTINUOUSLY.  
 4. FAN SHALL BE CONTROLLED BY OCCUPANCY SENSORS IN SPACE.  
 5. FAN SHALL BE CONTROLLED BY THERMOSTAT IN SPACE.

VRV HEAT RECOVERY UNIT SCHEDULE								
UNIT I.D.	COOLING			HEATING			BASIS OF DESIGN	MODEL
	TOTAL CAPACITY (MBH)	EAT DB °F	EER	TOTAL CAPACITY (MBH)	EAT DB °F	COP 47°F		
HP-2	133.4	95 °F	12.9	128.46	22 °F	3.81	2.56	DAIKIN R7YQ144TJU

NOTES:  
 1. REFER TO THE ELECTRICAL DRAWINGS FOR VOLTAGE INFORMATION.  
 2. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.  
 3. PROVIDE SEACOAST COATING ON CONDENSER COILS.

AIR DISTRIBUTION SCHEDULE							
Type Mark	DESCRIPTION	FACE SIZE		NECK SIZE		BASIS OF DESIGN	MODEL
		W	H OR Ø	W	H OR Ø		
Supply Air							
A	PLAQUE FACE SUPPLY DIFFUSER	24"	24"	0"	6"	PRICE	ASPD
B	PLAQUE FACE SUPPLY DIFFUSER	24"	24"	0"	8"	PRICE	ASPD
C	PLAQUE FACE SUPPLY DIFFUSER	24"	24"	0"	10"	PRICE	ASPD
D	SIDEWALL DUCT MOUNTED DIFFUSER	12"	6"	12"	6"	PRICE	HCD1
E	SIDEWALL SUPPLY GRILLE	10"	8"	10"	8"	PRICE	620
F	LINEAR SLOT DIFFUSER, (2) 1" SLOT	48"	3"	0"	8"	PRICE	SBD1
G	LINEAR SLOT DIFFUSER, (1) 1" SLOT	36"	3"	0"	8"	PRICE	SBD1
H	LINEAR SLOT DIFFUSER, (2) 1" SLOT	48"	3"	0"	8"	PRICE	SBD1
Return Air							
21	PERFORATED RETURN GRILLE	24"	24"	22"	22"	PRICE	APDDR
22	SIDEWALL RETURN GRILLE	48"	28"	48"	28"	PRICE	630
23	SIDEWALL RETURN GRILLE	14"	8"	14"	8"	PRICE	630
24	LINEAR SLOT RETURN DIFFUSER, (3) 1" SLOT	48"	3"	0"	10"	PRICE	SDR100
25	LINEAR SLOT RETURN DIFFUSER, (1) 1" SLOT	36"	3"	0"	10"	PRICE	SDR100
26	SIDEWALL RETURN GRILLE	6"	6"	6"	6"	PRICE	630

NOTES:  
 1. SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING MOUNTED AIR DISTRIBUTION DEVICES.  
 2. COORDINATE MOUNTING TYPE AND ACCESSORIES WITH ARCHITECTURAL CEILING GRID.  
 3. COORDINATE AIR DISTRIBUTION LOCATIONS WITH ALL OTHER TRADES.  
 4. AIR DISTRIBUTION TO BE ALLUMINUM CONSTRUCTION WITH BAKED ENAMEL "WHITE" FINISH.  
 5. SURFACE MOUNTED AIR DISTRIBUTION DEVICES SHALL BE MOUNTED WITHOUT VISIBLE FASTENERS.  
 6. ALL CEILING DIFFUSERS SHALL BE 4-WAY BLOW UNLESS OTHERWISE NOTED.  
 7. CONTRACTOR TO COORDINATE MOUNTING ACCESSORIES FOR DIFFUSERS F, G, H, 24, & 25. DIFFUSER AND FRAME TO FIT IN 5" CEILING PLANK. CENTER DIFFUSER IN PLANK. COORDINATE WITH ARCHITECTURAL RCP.

SOUND ATTENUATOR SCHEDULE														
UNIT I.D.	DUCT CONNECTION SIZE	LENGTH	MAXIMUM FACE VELOCITY	MAX AIR PRESSURE DROP	DYNAMIC INSERTION LOSS (DB)						BASIS OF DESIGN	MODEL		
					63HZ	125HZ	250HZ	500HZ	1000HZ	2000HZ			4000HZ	8000HZ
SA-1	20"x20"	36"	1080	0.12	6	9	16	26	25	20	17	13	PRICE	RH36/4E
SA-2	20"x20"	36"	1080	0.12	6	9	16	26	25	20	17	13	PRICE	RH36/4E

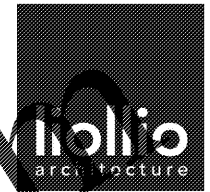
NOTES:  
 1. EQUIVALENT MANUFACTURERS ARE ACCEPTABLE PROVIDED THEY MEET THE REQUIREMENTS SCHEDULED ABOVE AND DIMENSIONAL INSTALLATION LIMITATIONS. PHYSICAL SIZE OF THE EQUAL ATTENUATORS MUST EQUAL THE BASIS OF DESIGN.

LOUVER SCHEDULE									
Mark	AIR PRESSURE DROP (IN. W.G.)	AIR VELOCITY	CFM	DIMENSION FREE AREA	DIMENSION WIDTH	DIMENSION HEIGHT	SCHEDULE NOTES	BASIS OF DESIGN	MODEL
L-1	0.15	854 FPM	350	0.41 SF	18"	12"	EXHAUST	RUSKIN	EME520DD
L-2	0.09	754 FPM	700	0.93 SF	30"	14"	INTAKE	RUSKIN	EME520DD
L-3	0.09	767 FPM	2000	2.61 SF	30"	32"	INTAKE	RUSKIN	EME520DD
L-4	0.04	488 FPM	200	0.41 SF	18"	12"	INTAKE	RUSKIN	EME520DD
L-5	0.05	488 FPM	200	0.41 SF	18"	12"	EXHAUST	RUSKIN	EME520DD
L-6	0.03	396 FPM	70	0.25 SF	12"	12"	EXHAUST	RUSKIN	EME520DD
L-7	0.69	1832 FPM	1700	0.93 SF	30"	14"	EXHAUST	RUSKIN	EME520DD

NOTES:  
 1. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.  
 2. COORDINATE COLOR AND LOCATION WITH ARCHITECTURAL DRAWINGS.

OUTDOOR AIR UNIT SCHEDULE																			
INDOOR UNIT I.D.	OUTDOOR UNIT I.D.	CFM	NOMINAL FAN HP	E.S.P. INCHES W.G.	TOTAL MBH	SENS. MBH	COOLING COIL				HOT GAS REHEAT		SCR HEATING COIL		BASIS OF DESIGN	MODEL	OUTDOOR MODEL		
							ENTERING AIR D.B. °F	W.B. °F	LEAVING AIR D.B. °F	W.B. °F	REHEAT MBH	EAT	LAT	KW				EAT °F	LAT °F
OA-1	OACU-1	700	1/2	0.50 in-wg	61.3	29.4	95 °F	80 °F	53 °F	52 °F	14.5	53.2	72	13	25 °F	83 °F	ABOVE AIR	AEC-060-3-HG0-00-OA-SF-D1-A	XP-1-060-1-00-OA-V-P66

NOTES:  
 1. SEE SPECIFICATIONS FOR MORE INFORMATION.  
 2. SEE ELECTRICAL DRAWINGS FOR VOLTAGE INFORMATION.  
 3. PROVIDE SEACOAST FACTORY COATED CONDENSER COILS.  
 4. PROVIDE DIGITAL SCROLL COMPRESSOR.



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Revision Date Description

Town of James Island  
**James Island Town Hall**  
 1122/1126 Dills Bluff Road  
 Charleston, SC.

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**M002**  
**HVAC SCHEDULES**