

### DUCTLESS SPLIT SYSTEM OUTDOOR UNIT SCHEDULE

EQUIP. NO.	DESCRIPTION	SERVICE	LOCATION	COOLING LOAD			HEATING LOAD			ELECTRICAL DATA			UNIT WT. LBS	REMARKS/ ACCESSORIES	
				TOTAL BTU/H	AMBIENT TEMP °F	EFFICIENCY EER	TOTAL BTU/H	AMBIENT TEMP °F	EFFICIENCY COP	REF.	V/PH/Hz	MCA			MOCP
HP-1	OUTDOOR HEAT PUMP	FCU-1 THRU -8, -13, -14 & -17	ROOFTOP	96,000	95	13.6	108,000	29	3.71	R-410A	208/3/60	34	60	538	1, 3
HP-2	OUTDOOR HEAT PUMP	FCU-9 THRU -12, -15, -16, -18 THRU -25	ROOFTOP	192,000	95	11.9	215,000	29	3.47	R-410A	208/3/60	34	60	1076	1, 2, 3

REMARKS/ ACCESSORIES:  
 1. UNIT MOUNTED DISCONNECT SWITCH  
 2. UNIT CONSISTS OF TWO HEAT PUMPS COUPLED TOGETHER. PROVIDE "TWINNING KIT"  
 3. SINGLE REMOTE CONTROL PANEL WITH LED INTERFACE TO SUPPORT BOTH HP SYSTEMS; LONWORKS INTERFACE REQUIRED.

### DEDICATED OUTSIDE AIR UNIT SCHEDULE

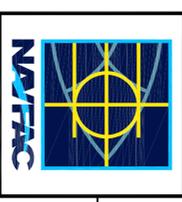
EQUIP. NO.	DESCRIPTION	SERVICE	LOCATION	OUTSIDE AIR CFM	EXHAUST AIR CFM	SUPPLY AIR FAN			EXHAUST AIR FAN			ENERGY RECOVERY WHEEL											
						AIRFLOW CFM	ESP/TSP** IN. W.G.	TYPE	MOTOR HP	DRIVE	VFD	AIRFLOW CFM	ESP/TSP** IN. W.G.	TYPE	MOTOR HP	DRIVE	VFD	EA DB F	EA WB F	OA DB F	OA WB F		
DOAS-1	DEDICATED OUTSIDE AIR UNIT, OUTDOORS	BLDG 2200 2ND DECK	ROOF	1,240	800	1,240	0.5/1.72	CENT.	1	DIRECT	YES	800	0.5/0.9	CENT.	0.5	DIRECT	YES	76	63.4	82.3	77.5	78.1	69.2

### DEDICATED OUTSIDE AIR UNIT SCHEDULE (CONT.)

EA/EAT DB F	OA/EAT DB F	OA/LAT DB F	SUMMER/WINTER SENS.	WINTER/LAT. LAT.	TOTAL COOLING MBH	EAT		LAT		EER DESIGN (MIN)	HGRH MBH	EAT DEG F	LAT DEG F	TOTAL HEATING MBH	AUX HEAT TYPE	PRE-FILTER DATA (EXA & OA)		FINAL FILTER (OA ONLY)		COMPRESSOR DATA		ELECTRICAL DATA		WEIGHT LBS	REMARKS/ ACCESSORIES		
						DB F	WB F	DB F	WB F							EFF. %	MAX FACE VELL. FPM	TYPE	EFF. %	MAX FACE VELL. FPM	QTY	AMPS EA.	MCA			MOCP	V/PH/Hz
70	29	55.5	88%	91%	68.4	78.1	69.2	51.9	51.5	11.9	36.2	55.5	87.3	42.6	ELECTRIC SCR 15 KW	2" PLEAT	30% (MERV 8)	500	4" PLEAT	MERV 11	1	20.4	38.3	50.0	208/3/60	2,366	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15

\*ESP = EXTERNAL PRESSURE LOSS IS EXTERNAL OF UNIT AND DOES NOT INCLUDE ANY INTERNAL LOSSES SUCH AS DIRTY FILTERS, HEAT WHEELS, ETC. TSP = MINIMUM TOTAL STATIC PRESSURE  
 REMARKS/ ACCESSORIES:  
 1. PACKAGE OUTDOOR HEAT PUMP UNIT WITH COMPRESSOR, COOLING COIL, SUPPLY FAN, EXHAUST FAN, AIR-COOLED CONDENSER, ENERGY RECOVERY WHEEL, FILTERS, ETC.  
 2. DOUBLE WALL CASING WITH 2-INCH INSULATION  
 3. INTERNAL FAN VIBRATION ISOLATORS AND UNIT FLEXIBLE DUCT CONNECTORS  
 4. PREMIUM EFFICIENCY MOTORS RATED FOR INVERTER DUTY  
 5. SUPPLY AND EXHAUST FAN VARIABLE FREQUENCY DRIVE  
 6. RETURN AND OUTSIDE AIR LOW LEAKAGE DAMPERS WITH ACTUATORS; GRAVITY EXHAUST AIR DAMPER  
 7. HINGED ACCESS DOORS WITH DOUBLE WALL INSULATION  
 8. R-410A REFRIGERANT  
 9. NON-FUSED ELECTRICAL DISCONNECT; SEPARATE DISCONNECT FOR ELECTRIC STRIP HEATER  
 10. GFCI OUTLET  
 11. DIGITAL SCROLL COMPRESSOR  
 12. SEE CONTROLS DIAGRAM AND SEQUENCE OF OPERATION FOR CONTROL DEVICE REQUIREMENTS  
 13. REMOTE CONTROL PANEL WITH LCD TOUCHSCREEN AND LONWORKS INTERFACE FOR INTEGRATION WITH FACILITY BAS  
 14. INTEGRAL STARTER  
 15. SUPPLY & EXHAUST FAN INLET CONE AIR FLOW MONITORING STATIONS

SYN	DESCRIPTION	DATE	APPR



**CH2MHILL**  
 6600 PEACHTREE DUNWOODY  
 BUILDING 400 SUITE 600  
 ATLANTA, GEORGIA 30328

APPROVED	V/A	NO.
FOR DRAWING WORK		
ACTIVITY		
DATE	15/12/15	
DESIGNER	DMJ	CHECKER
DRAWN	BB	
SCALE		
DATE		

DEPARTMENT OF THE NAVY  
 NAVAL FACILITIES ENGINEERING COMMAND  
 NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC  
 MD-ATLANTIC  
 MCLB ALBANY  
 ALBANY, GA

B2200 2ND DECK HVAC	
MECHANICAL SCHEDULES	
SCALE	NTS
WORK ORDER NO.	1028640
CONTR. CONTR. NO.	
NAFAC DRAWING NO.	12471979
DATE	
<b>M-601</b>	