

AIR TO AIR HEAT PUMPS									
MARK	DESCRIPTION	MINI-EER	COOLING TOTAL (MIN.)	HEATING (MIN.)	MIN. CFM @ 0.9; E.S.P.	ELECTRICAL INDOOR	ELECTRICAL OUTDOOR	BASIS OF DESIGN	
AHU-1/ HP-1	2 TON UNITARY SPLIT	13	24 MBH	24 MBH	600	200-230 VOLT, 1PH, 60HZ, HEATER 5KW/208V, 1PH, 60HZ, FULLLOAD: 32A MAXFUSE: 45A	208-230V, 1PH 60HZ, FULLLOAD: 15A MAXFUSE: 25A	TRANE MODEL # 4TWR6024A1000-TAM7A0B30H215B	
AHU-2/ HP-2	3 TON UNITARY SPLIT	12.5	35 MBH	35 MBH	900	200-230 VOLT, 1PH, 60HZ, HEATER 7KW/208V, 1PH, 60HZ, FULLLOAD: 40A MAXFUSE: 60A	208-230V, 1PH 60HZ, FULLLOAD: 22A MAXFUSE: 35A	TRANE MODEL # 4TWR6036A1000-TAM7A0C36H315B	
AHU-3/ HP-3	5 TON UNITARY SPLIT	12.5	58 MBH	58 MBH	1700	200-230 VOLT, 1PH, 60HZ, HEATER 14KW/208V, 1PH, 60HZ, FULLLOAD: 40A MAXFUSE: 60A	208-230V, 1PH 60HZ, FULLLOAD: 22A MAXFUSE: 60A	TRANE MODEL # 4TWR6060A1000-TAM7B0C60H515A	
AHU-4/ HP-4	2 TON UNITARY SPLIT	13	24 MBH	24 MBH	600	200-230 VOLT, 1PH, 60HZ, HEATER 5KW/208V, 1PH, 60HZ, FULLLOAD: 32A MAXFUSE: 45A	208-230V, 1PH 60HZ, FULLLOAD: 15A MAXFUSE: 25A	TRANE MODEL # 4TWR6024A1000-TAM7A0B30H215B	
AHU-5/ HP-5	MINI SPLIT	12.5	16 MBH	18 MBH	N/A	200-230 VOLT, 1PH, 60HZ, NO ELECTRIC HEATER FULLLOAD: 1A MAXFUSE: 15A	208-230V, 1PH 60HZ, FULLLOAD: 14A MAXFUSE: 15A	MITSUBISHI MINISPLIT INDOOR: MS2-GE18NA-8 OUTDOOR: MUJZ-GE18NA-1	
AHU-6/ HP-6	MINI SPLIT	12.5	16 MBH	18 MBH	N/A	200-230 VOLT, 1PH, 60HZ, NO ELECTRIC HEATER FULLLOAD: 1A MAXFUSE: 15A	208-230V, 1PH 60HZ, FULLLOAD: 14A MAXFUSE: 15A	MITSUBISHI MINISPLIT INDOOR: MS2-GE18NA-8 OUTDOOR: MUJZ-GE18NA-1	

NOTES: 1. MANUFACTURER'S MODEL NUMBERS ARE PROVIDED AS BASIS OF DESIGN ONLY AND ARE NOT TO LIMIT SELECTION. PROVIDE SCHEDULED EQUIPMENT OR EQUIPMENT OF EQUAL QUALITY AND CAPACITY.

REGISTER, LOUVER & GRILLE SCHEDULE						
MARK	TYPE	SERVICE		BLOW	REMARKS	NOTES
D3	SQUARE DIRECTIONAL (LOUVER) FACE CEILING DIFFUSER	SUPPLY		AS INDICATED	FRAME STYLE TO SUIT CEILING FINISH. FLUSH FOR HARD CEILING. BASIS OF DESIGN: PRICE SPD SERIES	1
D4	SQUARE DIRECTIONAL (LOUVER) FACE CEILING DIFFUSER	SUPPLY		AS INDICATED	FRAME STYLE TO SUIT CEILING FINISH. 24x24 "LAY-IN" BASIS OF DESIGN: PRICE SPD SERIES	1
D1	SLOT DIFFUSER	SUPPLY		180° PATTERN	SLOT DIFFUSER-ALUMINUM CONSTRUCTION BASIS OF DESIGN: PRICE SDS SERIES	1
D	SPOT DIFFUSER	SUPPLY		ADJUSTABLE	SPOT DIFFUSER-ALUMINUM CONSTRUCTION BASIS OF DESIGN: SEMO PW-E SERIES	1
E	SIDEWALL LINEAR DIFFUSER	SUPPLY		1 WAY	SIDEWALL SUPPLY REGISTER-ALUMINUM CONSTRUCTION BASIS OF DESIGN: PRICE LBP SERIES	1
R	REGISTER FIXED ANGLED VANES SURFACE MOUNTED	RETURN/ EXHAUST TRANSFER			RETURN OR EXHAUST REGISTER AS INDICATED-45° ANGLED VANES-ALUMINUM	1
L	EXTERIOR WALL LOUVER FIXED ANGLED VANES	OA W/ EXHAUST			EXTERIOR WALL LOUVER-EXTRUDED ALUMINUM DRAINABLE WITH BRD SCREEN. BASIS OF DESIGN: RUSKIN TYPE ELF 6375X	1, 2

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2. LOW LEAKAGE DAMPERS THAT AUTOMATICALLY CLOSE WHEN EMERGENCY AIR DISTRIBUTION SWITCH IS ACTIVATED.

PRECONDITIONED OUTDOOR AIR UNIT SCHEDULE																									
UNIT NUMBER	WEIGHT (lbs.)	ELECTRICAL			NOMINAL CONDITION	INPUT CONDITIONS								RETURN CONDITIONS						EFFECTIVENESS			DESIGN BASIS MFR & MODEL #	NOTES	
		POWER	SUPPLY	EXHAUST		FAN MOTOR BHP	OUTSIDE AIR				VENTILATION AIR				ENTERING AIR						LAT.	SENS.			MEASURED TOTAL S/W
						CFM	EXT. STATIC PR. (WC)	DEG.F (db)	DEG.F (wb)	HUM. gr/lb	ENTHALPY (Btu/lb)	DEG.F (db)	DEG.F (wb)	RH gr/lb	ENTHALPY (Btu/lb)	CFM	EXT. STATIC PR. (WC)	DEG.F (db)	REL. HUMIDITY %	HUM. gr/lb					
ERV1	704	460V/3Ø	1.88	1.88	SUMMER WINTER	850 850	0.50 0.50	96 27	80.8 25.8	136.1 16	44.49 9.41	80.86 57.69	69.11 41.9	87.7 20.34	725 725	0.50 0.50	75 70	49.8 36.3	64.4 46.7	28.07 25.30	77%	82%	79%	MICROMETL EVC0CC440000BEFXG-E	1, 2

NOTES: 1. ERU/INTAKE LOUVER SHALL BE FITTED W/ 8 MERV AIR FILTER
2. MANUFACTURER'S MODEL NUMBERS ARE PROVIDED AS BASIS OF DESIGN ONLY AND ARE NOT TO LIMIT SELECTION. PROVIDE SCHEDULED EQUIPMENT OR EQUIPMENT OF EQUAL QUALITY AND CAPACITY.

AIR FILTERS							
MARK	MERV RATING	POWER	ALLOWABLE PRESSURE DROP	DESIGN BASIS	HOUSING DIMENSIONS	USE	
AF-1	14	20VA @120V	0.1" W.G. @ 900 CFM (CLEAN)	DYNAMIC AIR QUALITY SOLUTIONS - #1V8 3006-29.5	33" W x 26"H x 65"L	DOWNSTREAM AHU	
AF-2	14	20VA @120V	0.1" W.G. @ 1700 CFM (CLEAN)	DYNAMIC AIR QUALITY SOLUTIONS - #1V8 3806-29.5	41" W x 38"H x 65"L	DOWNSTREAM AHU	
AF-3	8		0.3" W.G. @ 750 CFM (CLEAN)	VARIOUS		UPSTREAM ERV	
AF-4	8		0.3" W.G. @ 600 CFM (CLEAN)	VARIOUS		UPSTREAM AHU	
AF-5	8		0.3" W.G. @ 900 CFM (CLEAN)	VARIOUS		UPSTREAM AHU	
AF-6	8		0.3" W.G. @ 1700 CFM (CLEAN)	VARIOUS		UPSTREAM AHU	

FINAL SUBMISSION
APRIL 9, 2013

IF SHEET IS LESS THAN (30"x42") IT IS
A REDUCED PRINT; SCALE ACCORDINGLY

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 766 MIDDLE ST., FAIRHOPE, AL 36532 251-990-5778 ARCH. & ENGR. SEAL 	NATURAL RESOURCES & ENVIRONMENTAL AFFAIRS	P.W. DWG. NO.	DEPARTMENT OF THE NAVY NAVAL SUPPORT ACTIVITY PANAMA CITY, FLORIDA	
	SAFETY DEPARTMENT	DRAWN BY R. LONDOÑO	CONSTRUCT NAVAL BRANCH HEALTH CLINIC PANAMA CITY MECHANICAL SCHEDULES	
	FIRE DEPARTMENT	CHECKED BY R. DeLOACH		
	PUBLIC WORKS SUPERVISOR	SUPERVISOR B. COFFMAN		
			APPROVED DATE	SIZE F CODE IDENT. NO. N/A NAVFAC DRAWING NO. N/A
			HQMC PROJ. NO. 520-13-200 SCALE	CONSTR. CONTR. NO. MACC. T.O.# SHEET 2 OF 9