

PACKAGED AIR CONDITIONING SYSTEM SCHEDULE

MARK	AIR DATA		COOLING DESIGN CONDITIONS							ELECTRICAL					UNIT PRE-FILTER DATA			UNIT FINAL FILTER DATA			COMPRESSORS			OUTDOOR FANS		BASIS OF DESIGN	REMARKS			
	OUTSIDE AIR CFM	E.S.P. IN. W.G.	NET TOTAL MBTU/HR	NET SENSIBLE MBTU/HR	ENTERING AIR TEMP.		LEAVING AIR TEMP.		MAX FACE VEL. FPM	AMBIENT °F	VOLTS	PHASE	Hz	INDOOR BLOWER HP	MIN. IEER ①	MCA	MOCP	TYPE	SIZE (L x W x D)	MAX. FACE VEL. FPM	TYPE	SIZE (L x W x D)	MAX. FACE VEL. FPM	REF TYPE	NO.			RLA	NO.	FLA EACH
					*Fdb	*Fwb	*Fdb	*Fwb																						
AHU-1	1,890	1.0"	177.8	61.1	85.0	80.4	51.0	50.8	500	95°	480	3	60	3 HP	15.7	43.2	80.0	MERV 8	2-16x20x2 4-16x25x2	350	MERV 14	2-16x20x4 4-16x25x4	350	410-A	1	28.9 A	2	2.4 A	DUNHAM-BUSH ACPSJ015VCOARTPQ	ALL NOTES

① AT ARI CONDITIONS OF 95°F AMB., 80°F D.B. AND 67°F W.B. COIL ENTERING

PACKAGED UNIT NOTES:

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|---|---|---|
| <ol style="list-style-type: none"> MANUFACTURER SHALL ALLOW A MINIMUM OF 0.6" W.C. EXTRA STATIC PRESSURE DROP FOR DIRTY FILTERS. EXTERNAL STATIC DOES NOT INCLUDE PRESSURE DROP THROUGH CASING, COILS, FILTERS, OR FILTER HOUSINGS. PROVIDE UNIT MOUNTED DIFFERENTIAL PRESSURE GAUGES AND PRESSURE SWITCHES FOR FILTER DPs AND STATIC PRESSURE CONTROL. ALL DIRECT EXPANSION COILS SHALL BE PROVIDED A FACTORY CORROSION RESISTANT COATING DESIGNED FOR | <ol style="list-style-type: none"> THE LIFE CYCLE OF THE COILS. PROVIDE SINGLE SOURCE POWER CONNECTION CONSTRUCTED ACCORDING TO N.E.C REGULATIONS AND SHALL CARRY THE U.L.508 LISTING. PROVIDE WITH VARIABLE SPEED COMPRESSOR. PROVIDE WITH STAINLESS STEEL DRAIN PAN. PROVIDE WITH UV LIGHTS. | <ol style="list-style-type: none"> EQUIPMENT OTHER THAN BASIS OF DESIGN IS ACCEPTABLE SO LONG AS IT MEETS OR EXCEEDS SCHEDULED PERFORMANCE VALUES. ELECTRICAL VALUES ARE MAXIMUM ACCEPTABLE. |
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LOUVER SCHEDULE

MARK	LOUVER/DAMPER SIZE (W x H)	MIN. FREE AREA	AIR FLOW CFM	MAX. FACE VEL FPM	MAX. PRESSURE DROP	MANUFACTURER (OR EQUIVALENT)	MODEL	NOTES
L-1	30"x30"	3.27 SF	1,890	600	0.05"	RUSKIN	ELF6375DXD	1,2,3,4,5

LOUVER NOTES: W-WIDTH H-HEIGHT D-DEPTH

- LOUVER SHALL BE FLORIDA PRODUCT APPROVED AND MIAMI-DADE APPROVED.
- LOUVER SHALL BE CONSTRUCTED OF ALUMINUM. COLOR SHALL MATCH ADJACENT WALL.
- LOUVER SHALL BE AMCA 550 CERTIFIED AND PASS THE AMCA 540 LARGE-MISSILE IMPACT TESTING.
- PROVIDE INSECT SCREEN.
- PROVIDE HOODED WALL CAP. WALL CAP SHALL CONTAIN BACKDRAFT DAMPER. COLOR TO MATCH ADJACENT WALL.

BACKDRAFT DAMPER SCHEDULE

MARK	RUSKIN MODEL	LOCATION	SIZE		SIZE NOTE	NOTES
			WIDTH	HEIGHT		
BD-1	WD-330	RELIEF LOUVER	30"	30"	DEDUCT 1/4"	-

GRILLE/REGISTER/DIFFUSER SCHEDULE

MARK	TYPE	USE	MOUNTING TYPE	PANEL SIZE	MAX NC	BASIS OF DESIGN	REMARKS
SWR	SIDE WALL REGISTER - DOUBLE DEFLECTION SUPPLY AIR GRILLE 3/4" BLADE SPACING, FRONT BLADES PARALLEL TO LONG DIMENSION W/ 45° BLADE DEFLECTION	SUPPLY	DUCT MOUNTED	14"x10"	35	PRICE 610	--

35% SUBMITTAL - NOT FOR CONSTRUCTION

REVISION	DATE	DESCRIPTION	BY	APPR'D
BASE CIVIL ENGINEER EGLIN AIR FORCE BASE, FLORIDA				
SABER PROJECT MANAGER DATE _____ SIGNATURE _____ APPROVED _____ CENM _____ DRAWN BY S. MCCRAW PROJ. ENGR. S. JOHNSON		TITLE REPAIR/UPGRADE SAW FACILITY - B8954, TS-74A		
SABER AS-BUILT DRAWING BASED ON 35% DESIGN		CONTENTS MECHANICAL SCHEDULES		
APPROVED 96 CEG/CEN		DATE JULY 2024		
APPROVED BASE CIVIL ENGINEER		SCALE AS SHOWN		
SPEC. NO.	PROJ. NO.	DRAWING NO.	FILE NO.	SHEET OF .
	FTFA 23-JG19			

PETERSON ENGINEERING INC.

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INDEX NO.
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