

EXHAUST FAN SCHEDULE

SPECIFIC NOTES: 1. PROVIDE WITH FACTORY MOUNTED DISCONNECT SWITCH. 2. ELECTRICAL CONTRACTOR TO FURNISH AND WIRE DISCONNECT. 3. FOR EXPLOSION PROOF FAN MOTOR, ELECTRICAL CONTRACTOR TO FURNISH, INSTALL AND WIRE DISCONNECT... 4. PROVIDE WITH MANUFACTURER'S FAN SPEED CONTROLLER FOR BALANCING PURPOSE. 5. PROVIDE WITH (MOTOR STARTER/VFD) 6. PROVIDE BIRDSCREEN AND (MOTORSIZED/GRAVITY)BACKDRAFT DAMPER. 7. PROVIDE (STANDARD/SEISMIC) INSULATED ROOF CURB WITH HEIGHT OF XXX INCHES. PROVIDE SOLPED CURBE... 8. PROVIDE WITH (RESTRAINED SPRING / RUBBER IN SHEAR) VIBRATION ISOLATION. 9. EXHAUST FAN SHALL BE LOCATED 10' MINIMUM AWAY FROM AIR INTAKE. 10. PROVIDE FAN OF TYPE SPARK RESISTANT (A,B,C) CONSTRUCTION WITH EXPLOSION PROOF MOTOR. 11. FAN SHALL BE SELECTED FOR STABLE OPERATION AT XXX FT OF ELEVATION, AND XX°F TEMPERATURE 12. APPROVED MANUFACTURERS ARE: 13. REFER TO SPECIFICATION FOR ADDITIONAL REQUIREMENTS.																
TAG	MANUFACTURER	MODEL	AREA SERVES	FAN TYPE	CONTROL	DAMPER	DRIVE	AIRFLOW (CFM)	SP (in-wg)	RPM	UNIT ELECTRICAL SERVICE				OPERATIONAL WEIGHT (LBS)	SPECIFIC NOTES
EF-1	PANASONIC	FV-05-11VK1-50CFM-747RPM-3.5W	BATHROOM EXHAUST	CEILING MOUNTED	TOGGLE SWITCH	BACKDRAFT	DIRECT	50	0.1	747	<varies >	1	0	0	15	
EF-2	GREENHECK	S1-9-M1-VG	BATHROOM EXHAUST	INLINE FAN		BACKDRAFT	DIRECT	1350	1	2,293	230	1	0	10	50	
EF-3	GREENHECK	SQ-7-M1-VG	BATHROOM EXHAUST	INLINE FAN		BACKDRAFT	DIRECT	650	1	3,214	230	1	0	5	39	

GRILLE/REGISTER/DIFFUSER SCHEDULE

SPECIFIC NOTES: 1. DUCT BRANCH SIZE SHALL MATCH DIFFUSER NECK SIZE UNLESS NOTED OTHERWISE. 2. MINIMUM THROW IN FEET AT VELOCITY OF 50 FPM SHALL BE 10 FT. 3. PROVIDE WITH AIR FLOW DIRECTIONAL CONTROL. 4. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.												
TAG	MANUFACTURER	MODEL	TYPE	MOUNTING LOCATION	BORDER TYPE	MATERIAL	SLOT/ PANEL SIZE	DAMPER TYPE	NECK SIZE	MAX P.D. (in-wg)	MAX N.C.	SPECIFIC NOTES
SUPPLY	SA	PRICE	SCD	LOUVERED	LAY-IN/GYP CEILING	T-BAR/FRAMED	Aluminum	NONE	SEE PLANS	0	0	
	SF	PRICE	500	GRILLE	SIDEWALL	FRAMED	STEEL	O.B.D.	(0", 22.5", 45") - SEE PLANS	0	0	
	SG	PRICE	500	GRILLE	CEILING/SIDEWALL	FRAMED	STEEL	O.B.D.	SEE PLANS	0	0	
RETURN	RA	PRICE	PFRF	PERFORATED	LAY-IN/GYP CEILING	T-BAR/FRAMED	Aluminum	NONE	SEE PLANS	0	0	
	RG	PRICE	500	GRILLE	SIDEWALL	FRAMED	STEEL	O.B.D.	SEE PLANS	0	0	
	RB	PRICE	500		SIDEWALL							

LOUVER SCHEDULE

SPECIFIC NOTES:

1. PROVIDE (1/4", 1/2" MESH (ALUMINUM, STEEL, STAINLESS STEEL) BIRD SCREEN.

2. PROVIDE STANDARD MILL FINISH.

2. PROVIDE PRIMER COAT. PAINT IN FIELD COLOR TO BE SELECTED BY ARCHITECT.

2. PROVIDE ANODIZED FINISH. COLOR AS SELECTED BY ARCHITECT.

3. INTERLOCK MOTOR-OPERATED DAMPER WITH (XXXX)

4. FRAME TYPE SHALL MATCH WALL CONSTRUCTION, COORDINATE WITH ARCHITECT.

5. SNOW ELIMINATOR FACTORY INSTALLED WITH LOUVER.

6. PROVIDE WINDBOURNE-DEBRIS-IMPACT RESISTANCE LOUVER.

7. APPROVED MANUFACTURES ARE:

8. REFER TO SPECIFICATIONS FOR LOUVER WIND DRIVEN RAIN PERFORMACE REQUIREMENTS.

9. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

TAG	MANUFACTURER	MODEL	SYSTEM	CFM	DIMENSIONS		MIN FREE AREA (SF)	MAX VELOCITY (FPM)	MAX P.D. (IN. W.C.)	DAMPER TYPE	SPECIFIC NOTES
LV-1	RUSKIN	ELF 6375 DX	EXHAUST OR OUTSIDE AIR	6,500	24"	24"	2.2	2950	0		
LV-2	RUSKIN	ESD-635-18x28	EXHAUST OR OUTSIDE AIR	1,350	28"	18"	1.93	700	0		
LV-3	RUSKIN	ESD-635-16x20	EXHAUST OR OUTSIDE AIR	650	20"	16"	1.22	530	0		

DUCT CLASSIFICATION SCHEDULE

DESCRIPTION	DUCT PRESSURE CLASS	SMACNA MINIMUM SEAL CLASS	SMACNA LEAKAGE CLASS	SMACNA DUCT CLEANLINESS LEVEL
GENERAL				
GENERAL RETURN/EXHAUST/OUTSIDE-RECTANGULAR	-2"	C	24	B
GENERAL RETURN/EXHAUST/OUTSIDE-ROUND	-2"	C	12	B
GENERAL RETURN/EXHAUST/OUTSIDE-FLAT OVAL	-2"	C	12	B
GENERAL RETURN/EXHAUST/OUTSIDE-FLEXIBLE	-2"	NA	NA	B
RETURN/EXHAUST - RECTANGULAR				
BETWEEN AHU AND AIR TERMINAL UNIT	-4"	A	6	B
BETWEEN AHU, ERU AND DIFFUSER	-2"	C	24	B
RETURN/EXHAUST - ROUND/FLAT OVAL				
BETWEEN AHU AND AIR TERMINAL UNIT	-4"	A	3	B
BETWEEN AHU, ERU AND DIFFUSER	-2"	C	12	B
SUPPLY AIR-FLAT OVAL				
BETWEEN AHU AND AIR TERMINAL UNIT	+4"	A	3	B
BETWEEN AIR TERMINAL UNIT AND DIFFUSER	+2"	C	12	B
SUPPLY AIR-FLEXIBLE				
BETWEEN AHU AND AIR TERMINAL UNIT	+10"	NA	NA	-
BETWEEN CLASS 2 AIR DUCT AND DIFFUSER	+10"	NA	NA	-
SUPPLY AIR-RECTANGULAR				
BETWEEN AHU AND AIR TERMINAL UNIT	+4"	A	6	B
BETWEEN AIR TERMINAL UNIT OR FCU/BCU AND DIFFUSER	+2"	C	12	B
SUPPLY AIR-ROUND				
BETWEEN AHU AND AIR TERMINAL UNIT	+4"	A	3	B
BETWEEN AIR TERMINAL UNIT OR FCU/BCU AND DIFFUSER	+2"	C	12	B

APP'D

DESCRIPTION

DATE

REV #

APPROVED

CHIEF ENGINEER

APPROVED

CIVIL ENGINEER

NKAK 22-1076
B718 DORM
LITTLE ROCK AFB

DETAILS (1)

MECHANICAL SCHEDULES

AIR MOBILITY COMMAND

19TH CIVIL ENGINEER SQUADRON
LITTLE ROCK, ARKANSAS

DATE: JULY 2026

DESIGNED BY: SAH

DRAWN BY: B.WHR

BUILDING NO.:

PROJECT NO.:

SHEET REF.:

M-602

SHEET NO.: 1 OF XX

STATUS:65% PRELIMINARY DESIGN