

GENERAL NOTES:
ALL EQUIPMENT TO BE FM GLOBAL
APPROVED

SPLIT SYSTEM AIR UNIT SCHEDULE																			
EQUIPMENT NUMBER	BASIS OF DESIGN		GENERAL			FAN			FILTER TYPE	COOLING DATA					ELECTRICAL DATA		OPERATING WT. (LB)	REMARKS	
	MANUFACTURER	MODEL	LOCATION	AREA SERVED	DESCRIPTION	TOTAL CFM	O.A. CFM	EXT. S.P. (IN.WG.)		MBH		EAT WB	LAT DB	LAT WB	V/PH/HZ	MCA (A)			
										SENS.	TOTAL								
SSAU-1	TRANE	TPKA0A0241KA70A	IT RM	IT RM	WALL MOUNTED DUCTLESS UNIT	705	0	0.00	MERV8	18.5	24.0	80 °F	67 °F	56.1 °F	55.0 °F	208/1/60	1	46	ALL NOTES BELOW

NOTES:

1. POWER FROM SSCU-1
2. PROVIDE WITH:
 - A. CONDENSATE PUMP

EQUIPMENT NUMBER	BASIS OF DESIGN		LOCATION	DESCRIPTION	SERVICE	OUTSIDE AIR TEMP. °F	COOLING CAPACITY MBH	V/PH/HZ	MCA (A)	MOP	REMARKS
	MANUFACTURER	MODEL NO.									
SSCU-1	TRANE	TRUYA0241HA70NA	EXTERIOR	COOLING ONLY CONDENSING UNIT	SSAU-1	105 °F	24	208/1/60	19	26 A	ALL NOTES BELOW

SSCU-1 NOTES:

1. PROVIDE WITH:
 - A. 12" TALL STAND MODEL NO: QSMS1201M
 - B. LOW AMBIENT COOLING CAPABILITY

EQUIPMENT NUMBER	BASIS OF DESIGN		SERVICE	DESCRIPTION	MATERIAL	CFM	HEIGHT (IN)	WIDTH (IN)	FACE AREA (SQFT)	FREE AREA %	FREE AREA (SQFT)	FREE AREA VELOCITY (FPM)	PRESSURE DROP (IN. WG)	NOTES
	MANUFACTURER	MODEL												
LV-1	GREENHECK	EAC-401	EF-1	COMBINATION DRAINABLE	EXTRUDED ALUMINUM	1000	30	30	6.25	33.6	2.1	479	0.03	ALL NOTES BELOW
LV-2	GREENHECK	ESD-635	BUILDING RELIEF	STATIONARY DRAINABLE	EXTRUDED ALUMINUM	3750	76	24	12.7	59	7.5	502	0.04	ALL NOTES BELOW

NOTES:
1. PROVIDE WITH:
A. BIRDSCREEN

EQUIPMENT NUMBER	BASIS OF DESIGN		LOCATION	SERVICE	UNIT TYPE	TOTAL AIR (CFM)	E.S.P. (IN. W.C.)	DRIVE TYPE	MOTOR				ELECTRICAL			VFD/ECM	WEIGHT (LBS)	REMARKS
	MANUFACTURER	MODEL							BHP	MOTOR HP	OPERATING RPM	MAX RPM	VOLTAGE	PHASE	HERTZ			
EF-1	Greenheck	AER-20-03-0610-VG	UTILITY RM	UTILITY RM	WALL MOUNTED PROPELLER	1000	0.230	DIRECT	0.1	0.25	898	1100	120	1	60	INTEGRAL ECM	131	ALL NOTES BELOW
EF-2	CINCINNATI	PB-10A	EXTERIOR GROUND	DRIVE-THRU	RADIAL BLOWER	800	3.500	DIRECT	1.8	2	3450	3600	460	3	60	VFD BY L&H AIRCO	85	ALL NOTES BELOW

<p>EF-1 NOTES:</p> <p>1. PROVIDE WITH:</p> <ul style="list-style-type: none"> A. BIRDSCREEN B. BACKDRAFT DAMPER C. INTEGRAL DISCONNECT D. 90° WEATHERHOOD E. HOUSING 	<p>EF-2 NOTES:</p> <p>1. PROVIDE WITH:</p> <ul style="list-style-type: none"> A. CONCRETE HOUSEKEEPING PAD A MINIMUM OF 4" HT AND EXTEND 6" ON ALL SIDES B. INTEGRAL DISCONNECT C. SPARK A RESISTANCE CONSTRUCTION
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EQUIPMENT NUMBER	BASIS OF DESIGN		AREA SERVED	DESCRIPTION	CFM	FAN MOTOR HP	KW	TEMPERATURE RISE	V/PH/HZ	MAX MOUNTING HEIGHT (FT)	REMARKS
	MANUFACTURER	MODEL									
EUH-1	MODINE	HER50C 3301	UTILITY RM	HORIZONTAL	380 CFM	0.025	5.0	42	480/3/60	8	ALL NOTES BELOW

NOTES:

1. PROVIDE WITH:
 - A. UNIT MOUNTED THERMOSTAT
 - B. DISCONNECT
 - C. WALL MOUNTING BRACKET

MARK	DESCRIPTION	MANUFACTURER	MODEL NO	Unit Size	CFM	REMARKS
S1	SURFACE MOUNTED SUPPLY DOUBLE DEFLECTION GRILLE WITH INTEGRAL VOLUME DAMPER	PRICE	520D	6"X6"	SEE PLANS	
S2	SURFACE MOUNTED SUPPLY DOUBLE DEFLECTION GRILLE WITH INTEGRAL VOLUME DAMPER	PRICE	520D	18"X8"	SEE PLANS	
S3	SURFACE MOUNTED SUPPLY DOUBLE DEFLECTION GRILLE WITH INTEGRAL VOLUME DAMPER	PRICE	520D	24"X14"	SEE PLANS	
S4	SURFACE MOUNTED SUPPLY DOUBLE DEFLECTION GRILLE WITH INTEGRAL VOLUME DAMPER	PRICE	520D	24" X 22"	SEE PLANS	

MARK	DESCRIPTION	LOCATION	SERVICE	MAWP	MINIMUM DESIGN METAL TEMPERATURE	CAPACITY (GAL)	RELIEF VALVE (SCFM)	DIAMETER (IN)	HEIGHT (IN)	TANK WEIGHT (LBS)	NOTES
RT-1	VERTICAL DRY COMPRESSED AIR RECEIVER	EXTERIOR	GRINDER EQUIP	150 PSI	-22 F	2000	900	60	174	3550	ALL

NOTES:

1. PROVIDE ALL NECESSARY ACCESSORIES TO COMPLETE THE SYSTEM
2. SET AIR RELIEF VALVE AT 150 PSI.
3. PROVIDE NEW RELIEF VALVE.

EQUIPMENT NUMBER	MANUFACTURER	MODEL NO.	LOCATION	SERVICE	DESCRIPTION	START TO OPEN PRESSURE (IN.WG.)	CFM	VELOCITY (FPM)	UNIT DIMENSIONS (IN.)			REMARKS
									DEPTH	W	H	
RD-1	GREENHECK	BR-30	B/T FH-2 & L-2	BUILDING RELIEF	BAROMETRIC RELIEF DAMPER	+0.05	3750	296	5"	24"	72"	ALL NOTES BELOW

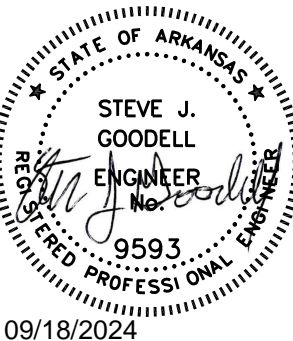
NOTES:
1. CFM AND VELOCITY ARE ESTIMATES AND WILL VARY DEPENDING ON ACTUAL BUILDING PRESSURE, SUPPLY AIRFLOW, AND BUILDING LEAKAGE.

EQUIPMENT NUMBER	BASIS OF DESIGN		LOCATION	SERVICE	DESCRIPTION	CONFIGURATION QTY (HXW)	UNIT DIMENSIONS (IN.)			CFM	VELOCITY (FPM)	PREFILTER			POST FILTER			REMARKS
	MANUFACTURER	MODEL NO.					Type	EFFICIENCY	DIRTY PD (IN.WG.)			TYPE	EFFICIENCY	DIRTY PD (IN.WG.)				
FH-1	CAMFIL	SIDELOCK 1X1	DRIVE-THRU	EF-2	HOUSING HOLDS PLEATED PREFILTER AND HEPA FINAL FILTER	1X1	25	27.25	24	800	200	2" PLEATED DUAL 9	MERV 9	1"	XH ABSOLUTE	99.97%	2"	ALL NOTES BELOW
FH-2	CAMFIL	SIDELOCK 3X1	MIXER RM	BUILDING RELIEF	HOUSING HOLDS PLEATED PREFILTER AND HEPA FINAL FILTER	3X1	25	76	24	3750	296	2" PLEATED DUAL 9	MERV 9	1"	XH ABSOLUTE	99.97%	2"	ALL NOTES BELOW

FH-2 NOTES:
1. RELIEF CFM AND VELOCITY ARE ESTIMATES AND WILL VARY DEPENDING ON ACTUAL BUILDING PRESSURE AND BUILDING LEAKAGE

[illegible]

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License #: 176
Exp. Date: 12/31/2024



Grinder
Camden OSD
Calhoun County, Arkansas
Aerojet Rocketdyne



MECHANICAL HVAC SCHEDULES

houn County, Arkansas Aerojet Rocketdyne

SHEET NO.

M-702

SCALE 12" = 1'-0"

DATE	09/18/2024
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PROJ	D3754502
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DWG CMDN-OSD_Grinder_M-700