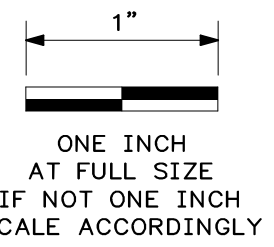


Autodesk Docs: //406493 - Rogers PCF Solids Phase 2/406493-Maintenance Building-BVrvr 8/27/2024 12:05:24 PM / RLG / MAINTENANCE BUILDING

MAINTENANCE BUILD. SCHEDULE NOTES



AIR DEVICE SCHEDULE:

- NOTES:
- SEE DRAWINGS FOR DEVICE LENGTH, WIDTH, AND SUPPLY PATTERN
 - ALL DIFFUSER CORE STYLES ARE 4-WAY UNLESS OTHERWISE INDICATED ON THE PLAN

FAN SCHEDULE:

FAN TYPE ABBREVIATIONS:
 CF - CABINET FAN
 DF - DUCT FAN
 WF - WALL FAN

WHEEL TYPE ABBREVIATIONS:

A - AXIAL
 C - CENTRIFUGAL
 P - PROPELLER

NOTES:

- TYPE A OR TYPE B SPARK RESISTANT CONSTRUCTION
- PROVIDE WITH DAMPER TRAY FOR MOTORIZED ISOLATION DAMPER
- WALL CAP
- BACKDRAFT DAMPER
- WALL MOUNTING KIT
- CONSTRUCTION A) ALUMINUM FAN BLADES B) STEEL FAN BLADES
- VARIABLE FREQUENCY DRIVE

HEATER SCHEDULE:

TYPE ABBREVIATIONS:
 EUH - ELECTRIC UNIT HEATER
 EDH - ELECTRIC DUCT HEATER
 WH - WALL HEATER

ROOF HOOD SCHEDULE:

- NOTES:
- PROVIDE WITH DAMPER TRAY FOR MOTORIZED ISOLATION DAMPER
 - PROVIDE WITH INLET SCREEN
 - PROVIDE UNIT WITH 13" ROOF CURB TO MATCH ROOF PITCH
 - INTEGRAL AIR FILTER

PACKAGED AIR CONDITIONING UNIT/HEAT PUMP SCHEDULE:
 CAPACITY NOTE: CAPACITIES LISTED IN PARENTHESES OF "KW". CAPACITIES LISTED WITHOUT PARENTHESES ARE IN UNIT OF "BTUH".

OUTDOOR COIL ENTERING AIR TEMPERATURE:
 COOLING - 105F DESIGN/0F MIN

NOTES:

- INTEGRAL VFD OR VARIABLE SPEED MOTOR TO ALLOW BALANCING OF CONSTANT SPEED DIRECT DRIVE FAN
- FILTER VELOCITY SHALL NOT EXCEED 250 FEET PER MINUTE

DATE	
REVISION	



ROGERS, ARKANSAS
 ROGERS POLLUTION CONTROL FACILITY (PCF)
 SOLIDS HANDLING IMPROVEMENTS, PHASE II
 MAINTENANCE BUILDING
 HVAC SCHEDULES
 FOR: ROGERS WATER UTILITIES

AIR DEVICE SCHEDULE								
SYMBOL	MANUFACTURER	MODEL	FRAME/BORDER	MODULE SIZE	MATERIAL	FINISH	DAMPER TYPE	NOTES
ER-1	TITUS	33RL	SURFACE MOUNT	---	ALUMINUM	BAKED WHITE ENAMEL	OPPOSED BLADE	1
RD-1	PRICE	PDDR	SURFACE MOUNT	---	ALUMINUM	BAKED WHITE ENAMEL	OPPOSED BLADE	1,2
SD-1	PRICE	PDF	SURFACE MOUNT	---	ALUMINUM	BAKED WHITE ENAMEL	OPPOSED BLADE	1,2
SR-1	TITUS	JFA	SURFACE MOUNT	---	ALUMINUM	BAKED WHITE ENAMEL	OPPOSED BLADE	1

ROOF HOOD SCHEDULE										
UNIT NUMBER	LOCATION	MANUFACTURER	MODEL	AIRFLOW (CFM)	AIR PD (IN WC)	TYPE	THROAT SIZE (IN)	HOOD CONSTRUCTION	APPROX WEIGHT (LBS)	NOTES
IH-101	VEHICLE STORAGE 101	GREENHECK	FGI-22X22	2,000	0.1	INTAKE	22x22	ALUMINUM	75	1,2,3,4
IH-102	VEHICLE STORAGE 101	GREENHECK	FGI-30X34	4,600	0.1	INTAKE	30x34	ALUMINUM	150	1,2,3
IH-103	STORAGE ROOM 107	GREENHECK	FGI-12X12	600	0.1	INTAKE	12x12	ALUMINUM	40	1,2,3

FAN SCHEDULE																
UNIT NUMBER	LOCATION	MANUFACTURER	MODEL	FAN TYPE	AIR FLOW (CFM)	ESP (IN WC)	BRAKE HP	MOTOR HP	POWER SUPPLY		MINIMUM WHEEL DIAMETER (IN)	WHEEL TYPE	DRIVE	VIBRATION ISOLATION	APPROX WEIGHT (LBS)	NOTES
									VOLTS	PHASE						
CF-101	LOCKER ROOM 103	GREENHECK	CSP-A390-VG	CF	100	0.625	0.04	0.5	120	1	7.75	C	DIRECT	INTERNAL	50	2,4,6A
CF-102	UNISEX RESTROOM 104	GREENHECK	CSP-A390-VG	CF	100	0.625	0.04	0.5	120	1	7.75	C	DIRECT	INTERNAL	50	2,4,6A
WF-101	VEHICLE STORAGE 101	GREENHECK	AER-20-02-0621	WF	4,600	0.625	1.15	1.5	480	3	20.125	P	DIRECT	INTERNAL	100	2,4,6A
WF-102	FABRICATION 102	GREENHECK	CUBE-140	WF	2,000	0.625	0.54	0.75	480	3	14.625	C	BELT	INTERNAL	100	2,4,6A
WF-103	STORAGE ROOM 107	GREENHECK	CUE-099-VG	WF	600	0.625	0.12	0.25	120	1	11.188	P	DIRECT	INTERNAL	50	2,3,6A

HEATER SCHEDULE																		
UNIT NUMBER	LOCATION	MANUFACTURER	MODEL	TYPE	UNIT ORIENTATION	EAT (F)	EWT (F)	AIR FLOW (CFM)	AIR PD (IN WC)	OUTPUT CAPACITY		STAGES	MOTOR HP	POWER SUPPLY			APPROX WEIGHT (LBS)	NOTES
										(BTUH)	(KW)			VOLTS	PHASE	FLA		
EDH-101	VEHICLE STORAGE 101	INDEECO	UHHP P-962	EDH	HORIZONTAL	10	---	2,000	0.35	---	30	2	2 @ 0.5 EA	480	3	42.38	150	---
EUH-101	VEHICLE STORAGE 101	INDEECO	UHIR SERIES	CH	VERTICAL	---	---	1,100	---	---	16	---	---	480	3	---	75	---
EUH-102	VEHICLE STORAGE 101	INDEECO	UHIR SERIES	CH	VERTICAL	---	---	1,100	---	---	16	---	---	480	3	---	75	---
EUH-103	VEHICLE STORAGE 101	INDEECO	UHIR SERIES	CH	VERTICAL	---	---	1,100	---	---	16	---	---	480	3	---	75	---
EUH-104	STORAGE ROOM 107	INDEECO	UHIR SERIES	WH	HORIZONTAL	---	---	350	---	---	3	---	---	480	3	---	50	---
WH-101	LOCKER ROOM 103	BRASCH	932 SERIES	WH	SURFACE MOUNT	---	---	160	---	---	1.5	---	---	120	1	---	50	---
WH-102	UNISEX RESTROOM 104	BRASCH	932 SERIES	WH	SURFACE MOUNT	---	---	160	---	---	1.5	---	---	120	1	---	50	---

PACKAGED AIR CONDITIONING UNIT/HEAT PUMP SCHEDULE																												
UNIT NUMBER	LOCATION	MANUFACTURER	MODEL	INDOOR FAN				POWER SUPPLY		MINIMUM CIRCUIT CAPACITY	COOLING				HEATING				DISCHARGE DIRECTION	ARI MINIMUM EFFICIENCY	OA (CFM)	FILTER DATA		ECONOMIZER DATA		APPROX WEIGHT (LBS)	NOTES	
				AIRFLOW (CFM)	ESP (IN WG)	MOTOR HP	DRIVE	VOLTS	PHASE		EAT	CAPACITY (BTUH)		MIN CAPACITY	EAT	TYPE	CAPACITY (BTUH)	MINIMUM HEAT STAGES				THICKNESS (IN)	TYPE	CONTROLS				
												(FDB)	(FWB)												SENSIBLE			TOTAL
PAC-101	AT GRADE	CARRIER	50DCN04A	1,200	0.92	0.2	DIRECT	208	3	55	75.0	61.8	29,000	35,000	2	88	ELECTRIC	34,100	1	HORIZONTAL	16.1 SEER	200	PLEATED	2	BAROMETRIC	ENTHALPY	600	1,2

DATE: AUGUST 2024
 SCALE: NONE
 DESIGNED BY: APC
 DRAWN BY: RLG
 HWEI NO.: 2020043
 FILENAME:
 SHEET NO.
HB-04