

11/23/2021 2:44:48 PM

ROOFTOP UNIT SCHEDULE																						
GENERAL				AIRFLOW				GROSS COOLING CAPACITY				HEATING				ELECTRICAL					REMARKS	
MARK	MFG	MODEL	WEIGHT (LBS)	SUPPLY CFM	ESP	RELIEF/RETURN CFM	ESP	MIN. OUTSIDE AIR	# STAGES	GROSS SENSIBLE CAPACITY (MBH)	GROSS TOTAL CAPACITY (MBH)	EDB/EWB (°F)	LDB/LWB (°F)	TURN DOWN	INPUT	OUTPUT	EDB/LDB (°F)	VOLTS/PHASE	UNIT FLA	UNIT MCA		UNIT MOCP
RTU-3	AAON	RN-011-1-0-EA09-14A	1850	1995	0.8	--	--	1280	MOD.	74.8	122.9	78.9/70.8	49.8/49.6	SCR	40KW		28.9/94.8	230/1	179	223	225	1-5,7-14
RTU-4	AAON	RN-013-3-0-EA09-3FB	2100	2540	0.8	--	--	1555	MOD.	74.8	153.8	78.7/70.4	49.6/49.5	10:1	195	156.0	30.9/87.7	480/3	27	30	40	2-6,8-14

REMARKS:

- UNIT SHALL BE ROOF MOUNTED WITH VERTICAL DUCT CONNECTIONS
- SUPPLY FAN TO BE CONSTANT VOLUME
- PROVIDE UNIT WITH MERV 8 MINIMUM FILTERS
- PROVIDE UNIT WITH (1) SPARE FILTER SET
- UNIT SHALL UTILIZE R-410A REFRIGERANT
- UNIT SHALL BE GROUND MOUNTED WITH HORIZONTAL DUCT CONNECTIONS.
- UNIT SHALL BE PROVIDED WITH SCR CONTROLLED ELECTRIC 40 KW HEATER.
- PROVIDE UNIT WITH SINGLE POINT ELECTRICAL CONNECTION AND UNIT MOUNTED DISCONNECT SWITCH
- PROVIDE UNIT WITH 14" HIGH ROOF CURB
- UNIT CABINET SHALL BE LINED
- FAN MOTORS SHALL BE PREMIUM EFFICIENCY MOTORS.
- PROVIDE UNIT WITH ENTHALPY BASED ECONOMIZER.
- PROVIDE UNIT WITH FACTORY PACKAGED CONTROLS WITH THE FOLLOWING:
- ROOM TEMPERATURE CONTROL
- ENTHALPY ECONOMIZER CONTROL
- ROOM HUMIDITY CONTROL
- PROVIDE LOW-SOUND CONDENSER DISCHARGE FANS.

LOUVER SCHEDULE														
MARK	ASSOCIATED FAN	AIRFLOW	MANUFACTURER	MODEL	SIZE (WXH)(IN)	MATERIAL	FRAME TYPE	FINISH	DEPTH	FREE AREA (SQ FT)	MAX FREE AREA VELOCITY (FPM)	CFM	PRESSURE DROP (IN)	REMARKS
L-14	EF-3	EXHAUST	GREENHECK	EAC-401	48x16	ALUMINUM	EXTRUDED	MILL	4"	1.1	910	1000	0.15	1,2

REMARKS:

- PROVIDE WITH METAL BIRDSCREEN. COORDINATE FINISH WITH ARCHITECT.
- PROVIDE LOUVERS AS A COMBINATION LOUVER/DAMPER TYPE WITH 120V ACTUATOR.

DUCTLESS SPLIT SYSTEM SCHEDULE													
MARK	MANUFACTURER	INDOOR UNIT MODEL	OUTDOOR UNIT MODEL	AIRFLOW (CFM)	COOLING (MBH)	HEATING (MBH)	VOLTS	PHASE	FLA	MCA	MOCP	REMARKS	
DSS-2A/2B	LG	LSN900HEVS	LSU900HEVS	350	-	9	10.9	240	1	7.00	10	15	1,2,3,4
DSS-3A/3B	LG	LSN900HEVS	LSU900HEVS	350	-	9	10.9	240	1	7.00	10	15	1,2,3,4

REMARKS:

- INDOOR UNIT IS POWERED FROM OUTDOOR UNIT.
- E.C. TO PROVIDE ELECTRICAL DISCONNECTS.
- ALL INDOOR UNITS SHALL BE FURNISHED FROM FACTORY WITH CONTROL RELAY / TRANSFORMER KITS AND 24 VOLT 7 DAY DIGITAL PROGRAMMABLE THERMOSTATS.
- ALL OUTDOOR UNITS SHALL BE FURNISHED FROM FACTORY WITH HARD START KITS AND LOW AMBIENT CONTROLS.

GRILLES, REGISTERS & DIFFUSERS SCHEDULE										
MARK	MANUFACTURER	MODEL	USE	MOUNTING	MATERIAL	FINISH	THROW	LOCATION	FACE SIZE	REMARKS
A	PRICE	630D	EARA	DUCT	ALUMINUM	WHITE	--	DUCT	SEE PLANS	1
B	PRICE	620D	SA	WALL	ALUMINUM	WHITE	--	DUCT	SEE PLANS	1,2
C	PRICE	ARC0	SA	DUCT	ALUMINUM	WHITE	RADIAL	DUCT	SEE PLANS	1
D	PRICE	ATGH	TA	DOOR	ALUMINUM	WHITE	--	DOOR	SEE PLANS	1

ABBREVIATIONS:
 RA RETURN AIR
 SA SUPPLY AIR
 EA EXHAUST AIR
 UCN UNLESS OTHERWISE NOTED

LEGEND

REMARKS:

- SEE CALL OUTS ON PLANS FOR NECK SIZE AND CFM.
- SUPPLY REGISTERS IN SIDEWALL OF ROUND DUCT SHALL BE MOUNTED 30 DEG DOWN FROM HORIZONTAL. SEE DETAIL.

FAN SCHEDULE												
MARK	ASSOCIATED LOUVER	MANUFACTURER	MODEL	TYPE	CFM	ESP	MOTOR HP	VOLTAGE	PHASE	FLA	MOCP	REMARKS
EF-8	-	GREENHECK	SP-A110	CEILING	70	0.35	--	120	1	0.6	15.0	1,2,3,4
EF-9	-	GREENHECK	SP-A110	CEILING	70	0.35	--	120	1	0.6	15.0	1,2,3,4

REMARKS:

- PROVIDE WITH SOLID STATE SPEED CONTROLLER, PRE-WIRED AND FACTORY MOUNTED TO FAN.
- FAN TO BE SWITCHED WITH LIGHTS.
- PROVIDE INTEGRAL BACKDRAFT DAMPER IN OUTLET COLLAR.
- PROVIDE ROUND DUCT CONNECTOR.

UNIT HEATER SCHEDULE (ELECTRIC)												
MARK	MANUFACTURER	SERIES	MODEL	TYPE	LOCATION	VOLTS	PHASE	KW	AMPS	MOCP	WEIGHT (LBS.)	REMARKS
EW-3	REDD-	AFA	AFA730D	WALL	TOILET 114	277	1	3	10.8	15	30	1
EW-4	REDD-	AFA	AFA730D	WALL	TOILET 113	277	1	3	10.8	15	30	1

REMARKS:

- UNIT HEATER SHALL INCLUDE: UNIT MOUNTED LOW VOLTAGE THERMOSTAT (45°-90°), POWER DISCONNECT SWITCH, SURFACE MOUNTING BOX.



Wichita, KS • 316.684.9600

PHASE 8 INDOOR FACILITY AND STADIUM IMPROVEMENTS
STRYKER SPORTS
 WICHITA, KANSAS

Paul R. Burtlett
 11/23/21

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MECHANICAL SCHEDULES	
PROJECT NO.	1701010567
DATE	11-24-2021
SCALE	AS NOTED
DESIGNED	DRAWN
RLB	JAC
CHECKED	RLB
ISSUED FOR CONSTRUCTION	11-24-21
NO.	REVISION
DATE	
SHEET NO.	
SM4.1	



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