

DEHUMIDIFICATION UNIT SCHEDULE		
MARK	-	DH-1
MANUFACTURER	-	QUEST
MODEL	-	155 DUAL
POUNDS PER DAY WATER REMOVAL	LBS.	161.2
INLET AIR TEMPERATURE	F	80.0
INLET RELATIVE HUMIDITY	%	60
SUPPLY AIR QUANTITY	CFM	360
EXT. STATIC PRESSURE	IN. W.C.	0.20
ELECTRICAL	V/ø/HZ	120/1/60
FLA	AMPS	8.0
FILTER	-	2" MERV 11
WEIGHT	LBS.	140
DIMENSIONS (HXWXL)	IN.xIN.xIN.	22x20x38
NOTES:	-	①②③④

- KEYED NOTES:**
- PROVIDE WITH WALL SENSOR AND CONTROLS. PROVIDE WITH FACTORY SUPPLIED HUMIDITY SENSOR. PROVIDE WITH AUXILIARY DRAIN PAN WHICH EXTENDS 6" BEYOND PERIMETER OF UNIT ALL AROUND. INCLUDE FLOAT SWITCH TO SHUT DOWN UPON PRESENCE OF WATER.
 - PROVIDE WITH INTEGRAL POWER CORD.
 - A SPARE SET OF FILTERS SHALL BE DELIVERED TO THE DIRECTOR OF CONSTRUCTION SERVICES UPON COMPLETION OF THE PROJECT.
 - PROVIDE HANGING BRACKETS FOR SUSPENDED INSTALLATION. REFER TO MECHANICAL DETAILS FOR MORE INFORMATION.

GRAVITY VENT SCHEDULE		
MARK	-	GV-1
MANUFACTURER	-	GREENHECK
MODEL NUMBER	-	FGR
THROAT DIMENSIONS (LXW)	IN.xIN.	18x14
SIZE (LxWxH)	IN.xIN.xIN.	36x24x14
AIR QUANTITY	CFM	1,390
STATIC PRESSURE DROP	IN. H2O	0.087
SERVICE	-	STATION EXHAUST

- GENERAL NOTES:**
- PROVIDE WITH FACTORY SUPPLIED ROOF CURB TO MATCH SLOPE OF ROOF AND RATING OF GRAVITY VENT.
 - PROVIDE WITH BIRD SCREEN AND BACK DRAFT DAMPER.
 - SHALL BE RATED TO MEET PROJECT WIND LOAD REQUIREMENTS.

DX MINI-SPLIT SYSTEM A/C SCHEDULE					
AIR HANDLING UNIT DATA					
MARK	-	AH-1-2	AH-1-3	AH-1-4	AH-1-5
MANUFACTURER	-	MITSUBISHI	MITSUBISHI	MITSUBISHI	MITSUBISHI
AREA SERVED	-	TELECOM	CARDIO	TRAINING RM	ELEV. MACHINE
MODEL NUMBER	-	PKA-A12	PKA-A18	PLA-A18	PKA-A12
MAX. RATED TOTAL COOLING CAPACITY	BTUH	12,000	18,000	18,000	12,000
MAX. SENSIBLE COOLING CAPACITY	BTUH	9,720	12,240	15,300	9,720
MOTOR SIZE	W	30	30	50	30
S.E.E.R.	BTUH/W	20.8	18.5	24.6	20.8
FILTER TYPE	-	WASHABLE	WASHABLE	WASHABLE	WASHABLE
WEIGHT	LBS.	29	29	45	29
CONDENSING UNIT DATA					
MARK	-	MCU-1-2	MCU-1-3	MCU-1-4	MCU-1-5
MANUFACTURER	-	MITSUBISHI	MITSUBISHI	MITSUBISHI	MITSUBISHI
MODEL NUMBER	-	PUY-A12N	PUY-A18N	PUY-A18N	PUY-A12N
OUTDOOR TEMPERATURE	F	95	95	95	95
ELECTRICAL CHARACTERISTICS	V/ø/HZ	208/1/60	208/1/60	208/1/60	208/1/60
MINIMUM CIRCUIT AMPACITY	AMPS	11	11	11	11
MAX. OVERCURRENT PROTECTION	AMPS	15	15	15	15
NOTES	-	①	①	①	①

- KEYED NOTE:**
- PROVIDE PROGRAMMABLE THERMOSTAT, MODEL PAR-32MAA.

FAN SCHEDULE							
MARK	-	EF-1-1	EF-1-2	EF-2-1	EF-3A / EF-3B	HEF-1	KHSF-1
MANUFACTURER	-	GREENHECK	GREENHECK	GREENHECK	GREENHECK	GREENHECK	GREENHECK
MODEL NUMBER	-	SQ-100-A	SQ-97-VG	CSP-7	SBF-3136	K-CUBE-141-5	SQ-120-A
SERVICE	-	WARM ZONE	PUBLIC SR	BUNK	PARATUS BAY	HOOD E/A	HOOD MUA
AIR QUANTITY	CFM	950	1,200	1,270	15,315	1,400	1,400
EXT. STATIC PRESSURE	IN. H2O	0.95	0.88	0.75	0.75	1.00	0.90
FAN TYPE	-	BACKWARD INCLINED	BACKWARD INCLINED	FORWARD CURVED	PROPELLER	BACKWARD INCLINED	BACKWARD INCLINED
DRIVE TYPE	-	DIRECT	DIRECT	DIRECT	BELT	BELT	DIRECT
MAXIMUM GENERATED NOISE	SONES	50 dBA (RAD)	50 dBA (RAD)	2.0	42.0	11.9	6.4 dBA (RAD)
MAXIMUM FAN SPEED	RPM	1,687	1,551	1,004	1,117	1,328	1,694
MOTOR SIZE	-	1/4 HP	1/4 HP	213 W	5 HP	1/2 HP	1/2 HP
CONTROLS	-	INTERLOCK W/ AH-1-1	INTERLOCK W/ AH-1-1	INTERLOCK W/ AH-1-1X	①	INTERLOCK W/ KITCHEN HOOD ON	INTERLOCK W/ KITCHEN HOOD ABOVE CEILING
LOCATION	-	MECH. RM 214	MECH. RM 215	MECH. RM 215	APPARATUS BAY WALL	HOOD ON ROOF	ABOVE CEILING
ELECTRICAL CHARACTERISTICS	V/ø/HZ	115/1/60	115/1/60	115/1/60	208/3/60	115/1/60	115/1/60
NOTES	-	①②③④	①②③④	①②③④	②⑤	③⑦⑧⑨⑩	①②③④⑥⑦⑧

- KEYED NOTES:**
- PROVIDE FLEXIBLE CONNECTORS AT ALL DUCT CONNECTIONS TO FAN.
 - PROVIDE FAN WITH GRAVITY BACKDRAFT DAMPER. REFER TO STANDARD MECHANICAL DETAILS FOR FURTHER DETAILS.
 - PROVIDE WITH FACTORY MOUNTED DISCONNECT SWITCH.
 - PROVIDE FAN WITH SPEED CONTROLLER. MOUNT SPEED CONTROLLER IN 2X4 METALLIC BOX ADJACENT TO FAN IN CEILING. TEST AND BALANCE. CONTRACTORS SHALL ADJUST FAN PERFORMANCE THROUGH USE OF SPEED CONTROLLER.
 - PROVIDE DISCONNECT SWITCH ADJACENT TO ACCESS DOOR. REFER TO MECHANICAL DETAILS FOR FAN INSTALLATION.
 - PROVIDE FACTORY SUPPLIED INSULATED HOUSING.
 - INTERLOCK SUPPLY AND EXHAUST FANS TO RUN WITH HOOD SWITCH. INTERLOCK CONTROLS SO THAT WHEN FIRE SUPPRESSION SYSTEM ALARMS, EXHAUST FAN SHALL CONTINUE TO RUN, BUT SUPPLY FAN SHALL TURN OFF. REFER TO FIRE SUPPRESSION SYSTEM FOR EXACT SEQUENCE OF OPERATION REQUIREMENTS. PROVIDE TESTING AND CERTIFICATION IN ACCORDANCE WITH NFPA 96, AND UL LISTING.
 - PROVIDE EXHAUST FAN, CURB, STRAPPING, & ANCHORING ASSEMBLY PER MANUFACTURER'S REQUIREMENTS, TO MEET THE PROJECT WIND LOAD RATING. ADHERE TO ALL MANUFACTURER'S SPECIFICATIONS FOR ROOF TYPE WHEN MOUNTING ROOF CURB. PROVIDE WITH FACTORY SUPPLIED ROOF CURB TO MATCH SLOPE OF ROOF AND RATING. EXHAUST FAN SHALL BE UL LISTED FOR GREASE AND HIGH TEMP APPLICATIONS.
 - EXHAUST FAN COMPONENTS SHALL BE BOLTED TOGETHER (NOT RIVETED) FOR EASE OF MOTOR MAINTENANCE. FAN SHALL BE HINGED TO ROOF CURB.
 - INTERLOCK HOOD SUPPLY/ EXHAUST FANS WITH KITCHEN HOOD TEMPERATURE SENSOR. IN ACCORDANCE WITH 2017 FBC-MECHANICAL, SECTION 507.1.1, FANS SHALL AUTOMATICALLY START WITHIN 15 MINUTES OF THE APPLIANCE BEING SERVED BY THE HOOD TURNING ON.
 - INTERLOCK FAN WITH SOURCE CAPTURE VEHICLE EXHAUST SYSTEM (BY OTHERS).

KITCHEN HOOD SCHEDULE		
GENERAL		
MARK	-	KH-1
MANUFACTURER	-	CAPTIVE AIRE
MODEL	-	5424 ND-2-PSP-F
EXHAUST AIRFLOW	CFM	1,400
DIMENSIONS (HXWXD)	IN.xIN.xIN.	24x49x54
WEIGHT	LB	766
ELECTRICAL CHARACTERISTICS	V/ø/HZ	120/1/60

- NOTES:**
- PROVIDE WITH FIRE SUPPRESSION SYSTEM, AUTOMATIC MECHANICALLY LINKED GAS SHUT-OFF VALVE, ALUMINUM GREASE FILTERS, INCANDESCENT LIGHTS, AND REMOTE S.S. FLUSH MOUNTED SWITCH BANK FOR CONTROL OF HOOD AND LIGHTS. HOOD CONSTRUCTED OF MINIMUM 18 GAUGE STAINLESS STEEL. SUPPLY AND EXHAUST. PROVIDE FACTORY PRE-FABRICATED S.S. CABINET HOUSE FIRE SUPPRESSION TANK. INSTALL S.S. CABINET ABOVE HOOD ADJACENT TO KITCHEN HOOD.
 - INTERLOCK SUPPLY AND EXHAUST FANS TO RUN WITH HOOD SWITCH. INTERLOCK CONTROLS SO THAT WHEN FIRE SUPPRESSION SYSTEM ALARMS, EXHAUST FAN SHALL CONTINUE TO RUN, BUT SUPPLY FAN SHALL TURN OFF. REFER TO FIRE SUPPRESSION SYSTEM FOR EXACT SEQUENCE OF OPERATION REQUIREMENTS. PROVIDE TESTING AND CERTIFICATION IN ACCORDANCE WITH NFPA 96, AND UL LISTING.
 - PROVIDE HOOD TEMPERATURE SENSOR AND INTERLOCK WITH HOOD SUPPLY/EXHAUST FANS. FANS SHALL AUTOMATICALLY START WITHIN 15 MINUTES AFTER THE APPLIANCE SERVED BY THE HOOD HAS BEEN TURNED ON, IN ACCORDANCE WITH 2017 FBC-MECHANICAL, SECTION 507.1.1.

ELECTRIC DUCT HEATER SCHEDULE			
MARK	-	EDH-1-1	EDH-1-2
MANUFACTURER	-	WARREN	WARREN
MODEL NUMBER	-	CBK	CBK
DUCT SIZE	IN.xIN.	③	③
AIRFLOW	CFM	360	585
HEATER SIZE/STAGES	K.W./STAGES	2.5/1	3.5/1
ELECTRICAL CHARACTERISTICS	V/ø/HZ	115/1/60	115/1/60
CONTROLS	-	-	-
NOTES	-	①②	①②

- KEYED NOTES:**
- ELECTRIC DUCT HEATER SHALL BE SUPPLIED WITH FACTORY FUSED DISCONNECT SWITCH (DOOR INTERLOCK TYPE), FLOW SWITCH, CONTROL BOX WITH INDICATOR LIGHTS, FUSED CONTROL VOLTAGE TRANSFORMER, AUTOMATIC AND MANUAL RESET THERMAL CUTOUPS AND SCR CONTROLS. PROVIDE WITH FACTORY INSULATED CONTROL PANEL.
 - REFER TO MECHANICAL CONTROLS FOR DUCT HEATER CONTROL SCHEMATICS AND LOGIC DIAGRAMS.
 - REFER TO FLOOR PLANS FOR LOCATIONS. COORDINATE WITH ACTUAL DUCT SIZE FOR DIMENSION OF ELECTRIC DUCT HEATER.

Order Plans

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FGA PROJECT NUMBER
19039

ISSUE DATE
05-25-20

REVISIONS
 △ DATE: _____
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SHEET NUMBER
M4.2