MECHANICAL - FCU SCHEDULE

MARK	MANUFACTURER	MODEL	NOMINAL TONS	SUPPLY CFM	VOLTAGE	PHASE	MCA	COOLING MBH	ACCESSORIES	WEIGHT
HP-1	MITSUBISHI ELECTRIC	PUZ-A12NKA7	1	–	208	1.0	11	12,000	1,5	93 LBS
FCU-1	MITSUBISHI ELECTRIC	PKA-A12HA7	1	425	208	1.0	1	12,000	1,2,3,4	29 LBS

HVAC FCU ACCESSORIES
1. K-NUMBER KIT INCLUDES EVAP, CONDENSER, CONDENSATE PUMP, 50' LINESET
2. 1 1/4 CONDENSATE LINE CONNECTION. ROUTE TO HUB DRAIN
4. ROUTE REFRIGERANT LINES PER PLANS AND MANUFACTURES RECOMENDATIONS
5. PROVIDE LOW AMBIENT KIT WB-PA2 (2-3 TON) K-0013856
6. NO SUBSTITUTIONS ALLOWED UNIT PROVIDED BY KROGER, INSTALLED BY H.C.

FAN SCHEDULE

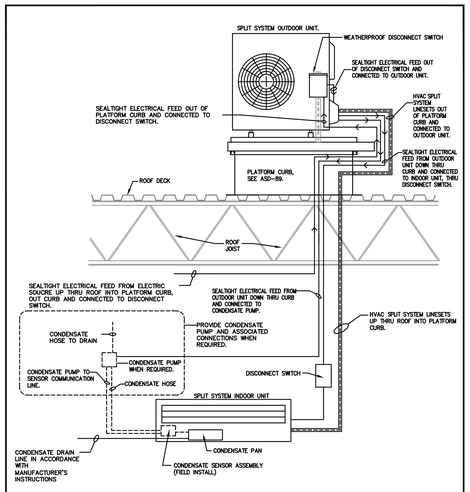
MARK	MANUFACTURER	MODEL	AREA SERVED	CFM	E.S.P. (IN W.G.)	SONES	MOTOR HP	MOTOR VOLTS	MOTOR PHASE	MOTOR FLA
EF-L	CAPTIVEAIR	DR12HFA	CUSTOMER RESTROOM	600	0.125	10.5	0.18	115	1	3.8
EF-N	CAPTIVEAIR	DR12HFA	ASSOCIATE RESTROOM	400	0.125	6.9	0.18	115	1	3.8

NOTES:
1. SUPPLIED WITH AN INLINE ADAPTER FOR DUCT MOUNTING AND SOLID STATE SPEED CONTROL.
2. EXHAUST FAN DISCONNECTS PROVIDED BY KROGER, THROUGH FAN SUPPLIER.
3. PROVIDE GRAVITY BACKDRAFT DAMPER TO MOUNT IN EXISTING CURB.

AIR DEVICE SCHEDULE

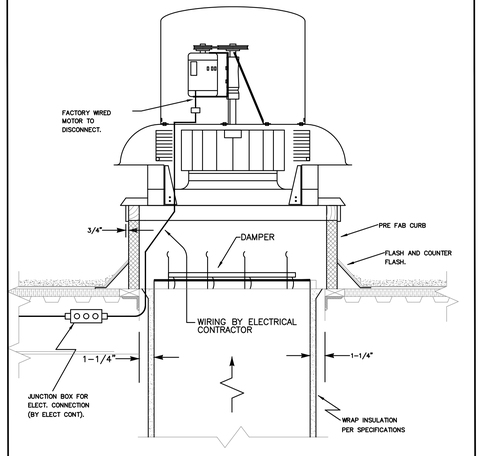
MARK	MANUFACTURER	DIMENSIONS	DESCRIPTION	NOMINAL CFM	N.C.	MODEL NO.	BASED ON / REMARKS
S-1	ACUTHERM	24' X 24" 8" ROUND	VAV DIFFUSER	150	< 15	TF-HC	1,2

NOTES:
1. LAY-IN MOUNTING
2. NO SUBSTITUTIONS ALLOWED



NOTES:
1. REFER TO ASD-89 FOR PLATFORM CURB INSTALLATION AND ADDITIONAL INFORMATION.
2. SPLIT SYSTEM'S MANUFACTURERS AND MODELS VARY, REFERENCE MANUFACTURER'S INSTALLATION GUIDE FOR ADDITIONAL INFORMATION.

HVAC SPLIT SYSTEM DIAGRAM	DATE : 10/11/12
	DRAWN : ZAW
MASTER SPECIFICATION DETAIL	HSD-11



TYPICAL OF NON-GREASE LADEN EXHAUST SYSTEMS

(RR) EXHAUST FAN	DATE : 11/15/17
	DRAWN : ZAW
MASTER SPECIFICATION DETAIL	HSD-12A

CAPSTONE
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COMMONWEALTH OF VIRGINIA
JOHN S. PARKER
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PROFESSIONAL ENGINEER
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A REMODEL FOR:
KROGER R-215
7480 LEE HIGHWAY
FAIRLAWN, VA
PROJECT

6-1-2020
DATE CONSTRUCTION SET

HVAC SCHEDULES AND DETAILS
SHEET TITLE

REVISIONS

MARK	DATE	DESCRIPTION

PROJECT NO: 20049
CAD DWG FILE: 20049-M6.1.dwg
DRAWN BY: WR
CHK'D BY: JRS/JP

M6.1
SHEET NO.

6/1/2020 11:45:06 AM