Reviewed for Code Compliance
Inspections Division
Approved with Conditions

Date: 07/12/13

PROGRESS P
NOT FOR CONST

HVAC UNIT SCHEDULE

TAG	Lennox / McQuay Model	Unit: Electrical: Voltage	Unit: Electrical: MCA (A)	Unit: Electrical: MROPD (A)	Unit: Efficiency: EER	Unit: Efficiency: IEER	Unit: Supply Fan: Airflow (CFM)	Unit: Supply Fan: ESP (inH$_2$O)	Unit: Supply Fan: TSP (inH$_2$O)	Unit: Supply Fan: Motor Size (HP)	Unit: Supply Fan: Efficiency	Cooling: EAT: EDB (°F)	Cooling: EAT: EWB (°F)	Cooling: LAT: LDB (°F)	Cooling: LAT: LWB (°F)	Cooling: Total Capacity	Cooling: Sensible Capacity	Cooling: Ambient: DB (°F)	Cooling: Compressor	Cooling: Compressor: Refrigerant	Gas Heating: Type	Gas Heating: Size	Gas Heating: Stages	Gas Heating: Total Capacity (Btu/hr)	Notes
HVAC-1	LGH060S4T	208/60/3	32	45	12.5	15.5	2000	0.75	0.95	1	2" Merv 7	80	67	57.5	56.6	63300	47475	95	2 Stages	R410A	Gas	65 MBH	On/Off	52000	1,2,4,5,6,9,10
HVAC-2	DPS007A	208/60/3	43.4	50	12.4	20.1	3000	0.75	1.21	4	2" Merv 7	80	67	57	56.9	95419	75312	95	Inverter Compressors	R410A	Gas	300 MBH	Modulating 10:1	240000	1,5,6,7,9
HVAC-3	LGH060S4T	208/60/3	31	45	12.5	15.5	2000	0.5	0.7	1	2" Merv 7	80	67	57.5	56.6	63300	47475	95	2 Stages	R410A	Gas	65 MBH	On/Off	52000	1,2,4,5,6,9,10
HVAC-4	LGH092H4M	208/60/3	45	50	12.5	14	3000	0.75	1.11	2	2" Merv 7	80	67	58.5	56.8	93000	67890	95	2 Stages	R410A	Gas	130MBH	H/Low/Off	104000	1,5,6,7,9,10
HVAC-5	DPS007A	208/60/3	34.6	45	12.4	20.1	3200	0.75	1.3	2.3	2" Merv 7	80	67	57.7	57.5	96227	78153	95	Inverter Compressors	R410A	Gas	300 MBH	Modulating 10:1	240000	1,5,6,7,9
HVAC-6	DPS007A	208/60/3	34.6	45	12.4	20.1	2750	0.75	1.18	2.3	2" Merv 7	80	67	56.2	56.1	94264	71716	95	Inverter Compressors	R410A	Gas	400 MBH	Modulating 10:1	320000	1,5,6,7,9
HVAC-7	DPS007A	208/60/3	38.4	50	12.4	20.1	4100	0.75	1.6	4	2" Merv 7	80	67	59.8	59.5	99067	90484	95	Inverter Compressors	R410A	Gas	80 MBH	Modulating 5:1	96000	1,5,6,7,9
HVAC-8	LGH060S4T	208/60/3	28	40	12.5	15.5	2000	0.5	0.7	1	2" Merv 7	80	67	58.7	57	63300	47475	95	2 Stages	R410A	Gas	65 MBH	On/Off	52000	1,2,3,5,6,8,10
HVAC-9	LGH120H4M	208/60/3	46	50	12	13.8	4000	0.75	1.34	3	2" Merv 7	80	67	60.5	57.4	124400	117100	95	2 Stages	R410A	Gas	188MBH	H/ Low/ Off	144000	1,2,3,5,6,8,10
HVAC-C1	KGA092434D	208/60/1	21	30	11.4	13	818	0.5	0.55	0.25	2" Merv 7	80	67	57.9	57.2	24468	19033	95	2 Stages	R410A	Gas	65 MBH	On/Off	52000	1,2,3,5,6,8
HVAC-C2	DPS003A	208/60/3	21.7	30	13.2	16.5	1100	0.75	1.18	4	2" Merv 7	80	67	56.4	56.4	36832	28344	95	Inverter Compressors	R410A	Gas	80MBH	Modulating 5:1	64000	1,2,3,5,6,7,8

Notes
1. Stainless steel heat exchanger
2. Enthalpy economizer
3. Barometric relief dampers
4. Power exhaust fan
5. Disconnect switch/GFCI outlet
6. Coil corrossion protection
7. Dehumidification control
8. Standard 14" roof curb
9. Horizontal duct curb
10. Multistage air volume

MAX UL CLASSIFIED SIZE
FSD60 DB, 60-110B, 37DB, 36DB, 35DB, 34DB

*A = 126" (3200)
FOR FSD36DB
*A = 120" (3048)
FOR FSD34DB, 35DB, 37DB, 60 DB, 60-110B

B* = 122" (3099)
FOR FSD36DB
B* = 98" (2489) FOR FSD60DB, 60-110B
B*= 96" (2438) FOR FSD34DB, 35DB, 37DB

14 GAGE (2) X DAMPER "A" DIMENSION X 5" (127) WIDE REINFORCING PLATE

ITEM. DESCRIPTION
1. ACTUATOR w/ END SWITCH (LOCATION MAY VARY). RUSKIN'S UL LISTED FIRE DAMPER, OR GREENHECK. ACTUATORS MAY BE FIELD INSTALLED IF PROPERLY LABELED. SEE ACTUATOR INSTALLATION INSTRUCTIONS FOR FIELD MOUNTING OF DAMPER ACTUATORS.
2. FIRESTAT OR SP100
3. AUXILIARY OPERATING JACK SHAFT
4. FIRE / SMOKE DAMPER
5. OVER CENTER LOCK
6. SLEEVE
7. CAULKING MATERIAL (MAY BE ON EITHER SIDE OF DAMPER FRAME
8. PFMA OR CONVENTIONAL MOUNTING ANGLES
9. S-JOINT/DUCT MATE, SLEEVE TO DUCT
10. RUSKIN MODEL NUMBERS LISTED. APPROVED EQUAL PRODUCTS FROM GREENHECK ARE ACCEPTABLE.
11. PROVIDE ACCESS DOORS AS REQUIRED.
12. PROVIDE SMOKE DETECTORS.

ACTUATOR ABOVE DAMPER

ACTUATOR BELOW DAMPER

FSD60 OUT OF WALL INSTALLATION

COMBINATION FD / SD INSTALLATION DETAIL

NTS

BENNETT ENGINEERING
MECHANICAL • ELECTRICAL
(207) 865-9475

REVISION SCHEDULE

DATE	REVISION DESCRIPTION	BY

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OPECHEE
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MECHANICAL SCHEDULES & DETAILS

PROJECT:
COMMERCIAL & MAPLE STREET MIXED USE DEVELOPMENT
PORTLAND ME.

DATE: 05-2013
SCALE: 1/8" = 1'-0"
DRAWN BY:
SHEET: M11