

AIR DISTRIBUTION DEVICE SCHEDULE							
MARK	GROUP	TYPE/PATTERN	BORDER/MOUNT	CONSTRUCTION	MANUF.	MODEL	NOTES
A	SUPPLY AIR	24" x 24" 360 DEGREE HORIZONTAL	CEILING (SURFACE MOUNT)	STEEL WHITE	TITUS	T3SQ-4	FURNISH WITH OPPOSED BLADE BALANCING DAMPER AND FRONT BLADES PARALLEL TO THE LONG DIMENSION. NECK SIZE PER PLANS
A1		DOUBLE DEFLECTION	SIDEWALL (SURFACE MOUNT)	STEEL PRIMED WHITE	TITUS	300RL	SIZE PER PLANS. FURNISH WITH OPPOSED BLADE BALANCING DAMPER AND FRONT BLADES PARALLEL TO THE LONG DIMENSION.
A2		HORIZONTAL & VERTICAL	LAY-IN CEILING (SEE NOTE 4)	STEEL, PAINTED WHITE W/ BLACK PATTERN	TITUS	FL-15	PROVIDE WITH DIFFUSER PATTERN CONTROLLER. ALL ARE TO BE 4 FT. IN LENGTH, 1 SLOT, AND SUPPLIED WITH 10" INLET AND 1.5" SLOT WIDTH
A3		12" x 12" 360 DEGREE HORIZONTAL	CEILING (SURFACE MOUNT)	STEEL, PAINTED WHITE	TITUS	OMNI	FURNISH WITH OPPOSED BLADE BALANCING DAMPER. NECK SIZE PER PLANS
B	RETURN AIR REGISTERS	24" x 24" CEILING MOUNTED (DUCTED)	LAY-IN CEILING (SEE NOTE 3)	ALUMINUM, PAINTED WHITE	TITUS	PAR	NECK SIZE PER PLANS
B1		SIDEWALL RETURN GRILLE	SURFACE MOUNT	STEEL PAINTED WHITE	TITUS	25RL	SIZE PER PLANS. CONSTRUCTION WITH 1/2" BLADES SPACING AND 30 DEG. DEFLECTION. (INSTALL INVERTED)

NOTES:

- PROVIDE MAKE AND MODEL SPECIFIED OR ENGINEER APPROVED SUBSTITUTE.
- COORDINATE AIR DEVICE. COLOR SELECTION WITH ARCHITECT.
- ALL 12"x12" AND 24"x24" CEILING MOUNTED SUPPLY AND RETURNS IN GYP OR PLASTER CEILINGS SHALL BE INSTALLED WITH A LAY-IN PLASTER FRAME EQUAL TO TITUS MODEL TRM.
- ALL ADJUSTABLE LINEAR SUPPLY AIR DEVICES IN GYP OR PLASTER CEILING SHALL BE INSTALLED WITH A LAY-IN PLASTER FRAME EQUAL TO TITUS MODEL PF-TBD.

ELECTRIC AIR CURTAIN SCHEDULE												
MARK	MFR	MODEL	AIRFLOW RATE - HIGH (CFM)	MOTOR (#/HP)	DOOR WIDTH (INCHES)	HEATING CAPACITY (BTU/HR)	ELECTRICAL				WEIGHT (LBS.)	REMARKS
							INPUT KW	VOLT/PH/Hz	MCA	MOCP		
HAC-1	MARS	LPV272-1E	1800	1@1/6	72	32,423	9.5	208/3/60	26	35	56	1, 2
HAC-2	MARS	LPV272-1E	1800	1@1/6	72	32,423	9.5	208/3/60	26	35	56	1, 2

REMARKS:

- PROVIDE WITH CONTROL PACKAGE INCLUDING FACTORY INSTALLED THERMOSTAT, DOOR SWITCH, TIME DELAY AND MOUNTING BRACKETS.
- CONTRACTOR TO PROVIDE A SEPARATE DISCONNECT SWITCH.

FAN SCHEDULE								
MARK	MFR	MODEL	CFM	S.P. (IN W.G.)	ELECTRICAL		OPER WT (LBS)	REMARKS
					H.P.	VOLT/PH/Hz		
EF-1	GREENHECK	G-095-VG	670	0.50	1/4	120/1/60	22	1,2,3

REMARKS:

- PROVIDE FACTORY INSTALLED DISCONNECT SWITCH.
- EXHAUST FAN TO BE CONTROLLED BY TIME CLOCK.
- PROVIDE GRAVITY BACKDRAFT DAMPER.

ELECTRIC UNIT HEATER SCHEDULE							
MARK	MFR	MODEL	HEATING CAPACITY (BTU/HR)	ELECTRICAL			REMARKS
				INPUT KW	AMPS	VOLT/PH/Hz	
UH-2,3,4	QMARK	CRA1512-JF	5,120	1.50	12.50	120/1	1,2

REMARKS:

- PROVIDE SELF-CONTAINED THERMOSTAT AND INTEGRAL DISCONNECT SWITCH.
- HEATER SHALL BE MOUNTED RECESSED IN WALL.

LANDLORD PROVIDED & INSTALLED RTU SCHEDULE (LENNOX)

TAG NAME	RTU-1	RTU-2	RTU-3	RTU-4	RTU-5
UNIT MODEL	KGA092	KGA092	KGA092	KGA060	KGA060
UNIT SIZE	7.5	7.5	7.5	5.0	5.0
VOLTAGE	208/60/3	208/60/3	208/60/3	208/60/3	208/60/3
DUCT CONFIGURATION	DOWNFLOW	DOWNFLOW	DOWNFLOW	DOWNFLOW	DOWNFLOW
MAX UNIT OPERATING WEIGHT	1,276	1,276	1,276	890	890
COOLING PERFORMANCE					
ELEVATION	62	62	62	62	62
DESIGN AIRFLOW	3,000	3,000	3,000	2,000	2,000
AMBIENT TEMP	96.0	96.0	96.0	96.0	96.0
COOLING ENTERING DB	74.0	75.7	74.3	73.4	76.2
COOLING ENTERING WB	63.4	64.5	63.6	63.0	64.9
COOLING LEAVING UNIT DB	55.7	56.6	55.8	55.1	56.5
COOLING LEAVING UNIT WB	53.6	54.7	53.8	53.0	54.8
GROSS TOTAL CAPACITY	88.0	89.4	88.3	59.5	61.4
GROSS SENSIBLE CAPACITY	62.3	64.6	62.7	41.3	44.1
SEER/EER AT ARI	13.0	13.0	13.0	14.0	14.0
SUPPLY FAN					
DESIGN ESP	0.5	0.5	0.5	0.5	0.5
TOTAL STATIC PRESSURE	0.8	0.8	0.8	0.6	0.6
HEATING PERFORMANCE					
HEATING EAT	58.1	49.3	56.2	60.9	46.7
HEATING LAT	90.2	81.3	88.3	85.0	86.5
INPUT HEATING CAPACITY	130.0	130.0	130.0	65.0	108.0
OUTPUT HEATING CAPACITY	104.0	104.0	104.0	52.0	86.0
HEATING AMBIENT	-3.0	-3.0	-3.0	-3.0	-3.0
ELECTRICAL DATA					
MCA	45.0	45.0	45.0	27.0	27.0
MOP	50	50	50	35	35

FACTORY INSTALLED OPTIONS:

- ECONOMIZER WITH DRY-BULB CONTROL.
- THERMAL EXPANSION VALVE.
- CRANKCASE HEATERS.
- NON-FUSED DISCONNECTS.
- UN-POWERED CONVENIENCE RECEPTACLE.
- HINGED ACCESS DOORS ON ALL SECTIONS OF THE UNITS.
- 10-YEAR HEAT EXCHANGER WARRANTY.
- 5-YEAR COMPRESSOR PARTS WARRANTY.
- BELT-DRIVE MOTOR OPTION WHERE APPLICABLE.
- 2" DEEP PLEATED MERV 8 RATED FILTERS
- EPOXY COATING FOR CONDENSER COILS.

FACTORY PROVIDED, FIELD INSTALLED OPTIONS:

- POWER EXHAUST.
- THE EQUIPMENT MANUFACTURER SHALL PROVIDE 14", PITCHED, WIND RATED ROOF CURBS.

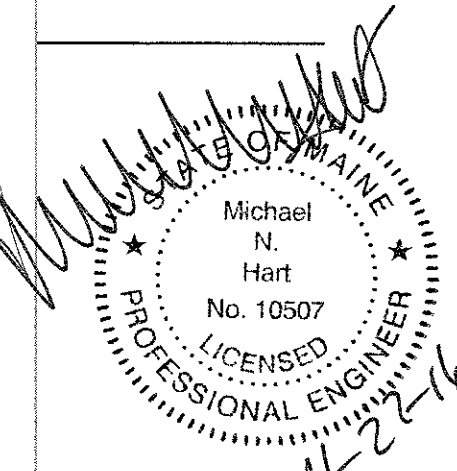
CONTRACTOR PROVIDED AND INSTALLED ITEMS:

- CONTRACTOR IS RESPONSIBLE FOR CLEAN HVAC COILS AT THE END OF CONSTRUCTION. PROVISIONS SHOULD BE TAKEN TO KEEP COILS CLEAN, AND IF COILS GET DIRTY, THEN CONTRACTOR IS RESPONSIBLE FOR CLEANING THEM.
- CONTRACTOR SHALL PROVIDE THREE SETS OF 2" DEEP PLEATED MERV 8 RATED FILTERS (SUCH AS FARR 30/30 FILTERS). THE CONTRACTOR SHALL REPLACE FILTERS JUST PRIOR TO AIR-BALANCE, AFTER ANY HEAVY SANDING, AND ONCE AGAIN AFTER FINAL STORE CLEANING IS COMPLETE.
- CONTRACTOR TO PROGRAM HVAC EQUIPMENT THERMOSTAT, INITIAL OPERATION HOURS AND TEMPERATURE SET POINTS. ADJUST OPERATIONAL HOURS WHEN OBTAINED BY GENERAL CONTRACTOR.
- PROVIDE IDENTIFICATION ON ALL HVAC EQUIPMENT. PROVIDE STENCIL WITH A MINIMUM OF 4" HIGH BLACK SPRAY PAINTED LETTERS INDICATING TENANT'S NAME, HVAC UNIT NUMBER AND SPACE NUMBER. VERIFY ADDITIONAL REQUIREMENTS WITH LANDLORD.

OWNER:
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State of Registration: MAINE
Firm Registration No. N/A
EEA Project No. 20166538
DRAWN BY: ARC
CHECKED BY: BKK



west elm
Downtown Portland
164 Middle Street
Portland, ME 04101
PROJECT #006-160335.00

ISSUED / REVISED	DATE
PRELIMINARY SET	09/08/16
LL COORDINATION SET	11/08/16
LL/PERMIT SET	11/21/16

HVAC SCHEDULES

M-002