

AIR DEVICE SCHEDULE																												
TAG	TYPE				BORDER	THROW				MATERIAL		ACCESSORY					REMARKS											
	DIFFUSER	REGISTER	GRILLE	DIFFUSER LINEAR		1-WAY	2-WAY	3-WAY	4-WAY	STEEL	ALUMINUM	PLASTIC	DAMPER	EQUAL. GRID	FIRE DAMPER													
	MODEL NO.	FACE	NECK	SYMBOL KEY - FIRST LETTER: S-SUPPLY R-RETURN E-EXHAUST SECOND LETTER: D-DIFFUSER R-REGISTER G-GRILLE																								
SD-1																				ARN51024x24L	24"x24"	10"φ	3	4	5	6	8	
SD-2																				ARN50812x12L	12"x12"	8"φ	3	4	5	6	7	8
SD-3																				ARN50612x12L	12"x12"	6"φ	3	4	5	6	7	8
SD-4																				ARN51024x24L	24"x24"	12"φ	3	4	5	6	8	
RR-1																				5IFB5524x24L	24"x24"	16"φ	3	4	6	8		
RR-2																				5155HS	12"x12"	8"φ	3	4	6	7	8	
RR-3																				5155HL	24"x24"	8"φ	3	4	6	8		
ER-1																				ARN50612x12L	12"x12"	6"φ	3	4	5	6	7	8

- ① BASED ON NAILOR
- ② UNLESS SHOWN OTHERWISE ON DWGS.
- ③ VERIFY ARRANGEMENT WITH CEILING TYPE (LAY-IN, SURFACE MOUNT, ETC.)
- ④ FURNISH SQUARE TO ROUND NECK TRANSITION PIECE WHERE REQUIRED.
- ⑤ DAMPERS TO BE RADIAL OPPOSED BLADE
- ⑥ AIR DEVICE TO BE STANDARD OFF-WHITE FINISH
- ⑦ PROVIDE WITH NAILOR MODEL #DFA12x12 D/W FRAME
- ⑧ EQUAL UNITS BY CARNES SERIES 4300-4, HART AND COOLEY SERIES FFD, AND ANEMOSTAT SERIES FREGO ARE ACCEPTABLE. NO SUBSTITUTIONS PERMITTED ON CORPORATE OWNED STORES.

MECHANICAL EQUIPMENT SCHEDULE																
UNIT NO.	MFR. MODEL NO.	CFM	O.A. CFM	EXT. S.P.	COOLING DATA		MOTOR			HEATING DATA			FILTERS	MCA	MOCP	REMARKS
					TOTAL COOLING MBH	SENSIBLE COOLING MBH	WATTS	HP	R.P.M.	VOLTS	PHASE	STAGES				
AHU-1	LENNOX G51MP-60D-135/CH33-60D-2F	2025	525	0.5'	62.6	47.7	--	--	120	2	132	123	2"	①	20	
AHU-2	LENNOX G51MP-60D-135/CH33-60D-2F	2025	525	0.5'	62.6	47.7	--	--	120	2	132	123	2"	①	20	
AHU-3	LENNOX G51MP-60D-135/CH33-60D-2F	2025	525	0.5'	62.6	47.7	--	--	120	2	132	123	2"	①	20	

◇ BLOWER MOTOR DRAWS LESS THAN 12 AMPS.

REMOTE CONDENSER SCHEDULE						
UNIT NO.	MFR. MODEL NO.	COOLING DATA		MOTOR		REMARKS
		COOLING CAPACITY MBH	EFF. SEER	VOLTS	PHASE	
CU-1	LENNOX TSA060S4N42Y	63.5	13.0	208	3	21.3 35
CU-2	LENNOX TSA060S4N42Y	63.5	13.0	208	3	21.3 35
CU-3	LENNOX TSA060S4N42Y	63.5	13.0	208	3	21.3 35

OUTSIDE AIR REQUIREMENT SCHEDULE							
ROOM NAME / NO.	ASHRAE OUTSIDE AIR REQUIREMENTS					SYSTEM MARK	ACT OA CFM / UNIT
	OCCUPANT CLASS	SQ. FT.	OCCUPANT LOAD	CFM PER OCCUPANT	OA CFM REQD.		
DINING	DINING ROOMS	785	46	20	920	AHU-1&2	1050
KITCHEN	KITCHEN (COOKING)	835	6	15	90	AHU-3	525
				TOTAL:	1010		1575
TOILET (WOMEN)	TOILET	55	1	† 75	75	EF-4	150
TOILET (MEN)	TOILET	66	1	† 75	75		
				TOTAL:	150		150

* OCCUPANCY IS BASED OFF OF ACTUAL OCCUPIED NUMBERS AS INDICATED ON ARCHITECTURAL DRAWINGS.
 ** CFM / SQ. FT.
 † EXHAUST

AIR BALANCE SCHEDULE					
MARK	SUPPLY AIR	RETURN AIR	OUTSIDE AIR	EXHAUST AIR	RESULTING PRESSURE
AHU-1	2025	1500	525	0	+525
AHU-2	2025	1500	525	0	+525
AHU-3	2025	1500	525	0	+525
EF-1	----	----	---	-300	-300
EF-2	----	----	---	-300	-300
EF-3	----	----	---	-150	-150
EF-4	----	----	---	-300	-300
EF-5	----	----	---	-500	-500
TOTALS	6075	4500	1575	-1550	+25

EXHAUST HOOD SCHEDULE						
MARK	MODEL NUMBER	SIZE	EXHAUST OPENING	ROOF OPENING *	DUCT AT CURB *	REMARKS
H-1	AEROLATOR # ADH-3035	39.7"x30.5"x15"	8"x8"	11.25/11.25	10"x10"	① ② ③ ④ ⑤ ⑥
H-2	AEROLATOR BAGEL TOASTER HOOD	20"x30"x12"	6"x6"	11.25/11.25	10"x10"	① ② ③ ④ ⑤ ⑥
H-3	AEROLATOR DISHWASHER HOOD	36"x36"x36"	8"x8"	11.25/11.25	10"x10"	① ② ③ ④ ⑤ ⑥
H-4	AEROLATOR SOUP HOOD	31"x24"x24"	6"x6"	11.25/11.25	10"x10"	① ② ③ ④ ⑤ ⑥

- ① ALL DUCTWORK SHALL BE FABRICATED ACCORDING TO NFPA 96 & LOCAL CODES.
- ② FINAL BALANCING OF THE SYSTEM SHALL BE PERFORMED AS OUTLINED IN INSTRUCTION SHEET FURNISHED BY HOOD SUPPLIER.
- ③ EXHAUST AIR OPENINGS TO BE CUT IN FACTORY ALL HOODS TO BE UL CERTIFIED AND LABELED. TRANSITION TO DUCTWORK IN FIELD AS REQUIRED.
- ④ COORDINATE THE DELIVERY OF THIS PACKAGE WITH THE JOB SUPERVISOR. INSTALLATION BY HVAC CONTRACTOR.
- ⑤ OWNER SUPPLIED EXHAUST HOOD AND FAN PACKAGE. * VERIFY THESE DIMENSIONS WITH THE SUPPLIER.
- ⑥ PROVIDE TYPE 2 HOOD

EXHAUST FAN SCHEDULE														
UNIT NO.	MFR. MODEL NO.	TYPE	C.F.M.	S.P. IN. W.G.	WHEEL R.P.M.	MOTOR			SERVING	LOCATION	REMARKS			
						H.P.	RPM	VOLTS PHASE						
EF-1	JENCO FAN TXDI0255C	ROOF DIRECT DRIVE	300	0.875	1388	1/4	1750	120	1	KITCHEN EXHAUST HOOD H-1	ROOF	① ② ③ ④ ⑤		
EF-2	JENCO FAN TXDI0255C	ROOF DIRECT DRIVE	300	0.875	1388	1/4	1750	120	1	KITCHEN EXHAUST HOOD H-2	ROOF	① ② ③ ④ ⑤		
EF-3	JENCO FAN LPD 6	ROOF DIRECT DRIVE	150	0.375	2500	1/4	1750	120	1	RESTROOM EXHAUST	ROOF	① ② ③ ⑤ ⑥		
EF-4	JENCO FAN TXDI0255C	ROOF DIRECT DRIVE	300	0.875	1388	1/4	1750	120	1	KITCHEN EXHAUST HOOD H-3	ROOF	① ② ③ ⑤		
EF-5	JENCO FAN TXDI0255C	ROOF DIRECT DRIVE	500	0.875	1388	1/4	1750	120	1	KITCHEN EXHAUST HOOD H-4	ROOF	① ② ③ ⑤		

- ① FANS WILL BE SUPPLIED AS PART OF EXHAUST HOOD PACKAGE.
- ② PROVIDE WITH DISCONNECT SWITCH, BIRDSCREEN, AND BACKDRAFT DAMPER.
- ③ PROVIDE WITH SPEED CONTROL
- ④ INTERLOCK WITH AIR HANDLER UNITS.
- ⑤ PROVIDE WITH ROOF CURB.
- ⑥ CONTROLLED THROUGH LIGHT CIRCUIT

EXTERIOR LOUVER SCHEDULE									
ITEM	MFR.	TYPE	SIZE		OPERATION	SCREEN	MATERIAL		REMARKS
			WIDTH	X LENGTH			ALUM	GALV. STEEL	
IL-1	AIROLITE	K6776	48"	X 24"		X	X		① ②

① DRAINABLE LOUVER ② INSECT SCREEN

HVAC EQUIPMENT & MATERIAL PACKAGE

FOR QUOTATION ON THE FOLLOWING EQUIPMENT SEE SHEET SP6 FOR CONTACT INFORMATION.

EQUIPMENT PACKAGE:
 AHU-1, AHU-2, AHU-3, CU-1, CU-2, AND CU-3 AS PER SCHEDULE THIS SHEET. IF DESIGN CONDITIONS DIFFER FROM THOSE LISTED, CONTACT TIM MORTONS ACCOUNT COORDINATOR, LENNOX CO., NATIONAL ACCOUNTS PHONE: 1-800-367-6295 FOR APPROPRIATE EQUIPMENT.

ROOF CURB PACKAGE:
 INCLUDES CURBS FOR AHU-1, AHU-2, AHU-3, CU-1, CU-2, CU-3, EF-1 THROUGH EF-4 AND TWO SETS OF ROOF RAILS. ALL CURBS ARE INSULATED AND COMPLY WITH NFPA 96 REQUIREMENTS FOR HEIGHT.

AIR DEVICE PACKAGE:
 TO INCLUDE ALL DIFFUSERS, REGISTERS, GRILLES, AND SQUARE TO ROUND TRANSITIONS.

EQUIPMENT AND MATERIAL PACKAGES ARE IN STOCK AND SHOULD BE ORDERED IMMEDIATELY UPON RECEIPT OF HVAC CONTRACT TO AVOID CONSTRUCTION DELAY.

REVISIONS:

DATE ISSUED: 07-02-2008

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HVAC SCHEDULES

DRAWN BY: KRO CHECKED BY: JTP

SAI # 08138

DRAWING NUMBER: M2