

COMPUTER ROOM AIR CONDITIONING UNIT SCHEDULE

AIR HANDLING UNIT No.	LOCATION	SERVICE	SUPPLY FAN				DX EVAPORATOR COIL					REHEAT		HUMIDIFIER		ELECTRICAL DATA			UNIT DIMENSIONS			CONDENSING UNIT No.	LOCATION	SERVICE	CONDENSING UNIT				UNIT DIMENSIONS				MANUF. MODEL #	REMARKS							
			CFM	EXT. SP (IN. W.G.)	QTY	MOTOR HP	RPM	TOTAL	SENSIBLE	ENT. AIR DBWB (°F)	LVG. AIR DBWB (°F)	FACE VELOCITY (FPM)	CAPACITY BTUH	ELECTRIC STAGES	CAPACITY (LBHR)	ELEC (KW)	VOLTS	PHASE	HZ	LENGTH (IN)	WIDTH (IN)				HEIGHT (IN)	CONDENSING UNIT No.	COMPRESSORS		D.B. TEMP (°F)	CONDENSER FANS		ELECTRICAL DATA			LENGTH (IN)	WIDTH (IN)	HEIGHT (IN)	WEIGHT (LBS)			
																											NO.	TYPE		NO.	HP EA.	VOLTS							PHASE	HZ	
AC-1	BASEMENT WEST	EQUIP. ROOM	1000	0.3	1	1/2	-	31.8	26.2	72/60	51.4/51.3	277	NA	-	-	NA	NA	460	3	60	58"	30"	24"	ACCU-1	LOW ROOF	AC-1	31.8	HERM	1	95	1	0.2	460	3	60	40"	18"	24.5"	240	LIEBERT MMDRE W/ PPHOSTA	1, 2

- NOTE:
1. PROVIDE WITH LITTLE GIANT CONDENSATE PUMP MODEL VOMA-20, READY FOR HARD WIRED CONNECTION.
2. PROVIDE WITH LOW AMBIENT COOLING KIT TO -30°F

TERMINAL BOX SCHEDULE

DESIGNATION	BOX TYPE	BOX SIZE (INLET SIZE)	DUCT SIZE	AIRFLOW RANGE (CFM)		REHEAT COIL (HOT WATER)						MINIMUM STATIC PRESSURE, ΔPS (IN W.G.)	DISCHARGE SOUND LEVEL AT MAX CFM & ΔPS*3" (NC)	RADIATED SOUND LEVEL AT MAX CFM & ΔPS*3" (NC)	TYPE OF CONTROLS	MANUF. MODEL #	REMARKS	
				MIN.	MAX.	AIR		WATER										
						EDB (°F)	LOB (°F)	ROWS	GPM	EWT (°F)	LWT (°F)							MAX. PD (FT.)
VAV / CAV-1	SINGLE DUCT	6"	12x8	70	400	55	85	SEE PLANS	SEE PLANS	180	VARIES	1	0.18	31	23	DDC	PRICE SDVQ-5000	INCLUDES HOSPITAL GRADE SILENCER
VAV / CAV-2	SINGLE DUCT	8"	12x10	135	700	55	85	SEE PLANS	SEE PLANS	180	VARIES	1	0.11	33	22	DDC	PRICE SDVQ-5000	INCLUDES HOSPITAL GRADE SILENCER
VAV / CAV-3	SINGLE DUCT	14"	20x17.5	440	2300	55	85	SEE PLANS	SEE PLANS	180	VARIES	1	0.34	15	22	DDC	PRICE SDVQ-5000	INCLUDES HOSPITAL GRADE SILENCER
VAV / CAV-4	SINGLE DUCT	16"	24x18	570	3000	55	85	SEE PLANS	SEE PLANS	180	VARIES	1	0.51	38	20	DDC	PRICE SDVQ-5000	INCLUDES HOSPITAL GRADE SILENCER

- NOTES:
1. PROVIDE (1) ROW COIL FOR ALL VARIABLE VOLUME UNITS AND (2) ROW COILS FOR ALL CONSTANT VOLUME UNITS UNLESS OTHERWISE NOTED.
2. FOR VAV SUPPLY BOXES SERVING OR'S PROVIDE PACKLESS SILENCERS.

DIFFUSER SCHEDULE

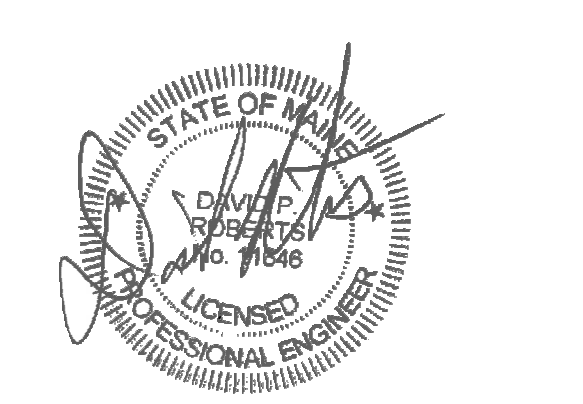
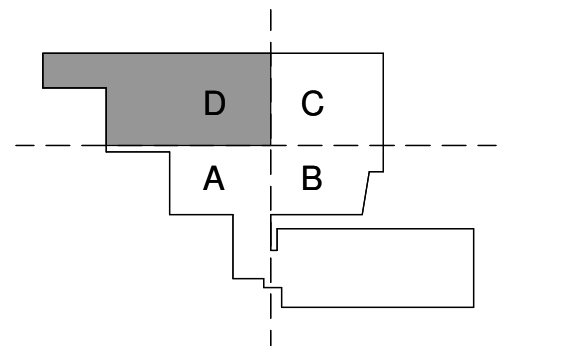
DESIGNATION	SERVICE	CFM RANGE	MAX NC	TYPE	NECK SIZE (IN./SIZE & NO. OF SLOTS)	NOMINAL OVERALL DIMENSION WxH (IN.)	MANUF. MODEL	REMARKS
CD-A	SUPPLY	0-280	23	CEILING	9x9	24x24	PRICE SMX	1, 2
CD-B	SUPPLY	281-520	28	CEILING	12x12	24x24	PRICE SMX	1, 2
CD-C	O.R. SUPPLY	SEE PLANS	15	CEILING			PRICE HORD SERIES OR SYSTEM	3
RG-A	O.R. RETURN	SEE PLANS	-	SIDEWALL	12x18	14x20	PRICE 730H	STAINLESS STEEL, 4
RG-B	O.R. RETURN	SEE PLANS	-	SIDEWALL	14x22	16x24	PRICE 730H	STAINLESS STEEL, 4
CR-A	RETURN	0-250	21	CEILING	9x9	24x24	PRICE S30FL/TBL	4
CR-B	RETURN	251-440	27	CEILING	12x12	24x24	PRICE S30FL/TBL	4
CR-C	RETURN	441-1,750	33	CEILING	22x22	24x24	PRICE S30FL/TBL	4

- NOTES:
1. SEE PLANS FOR AIRFLOW PATTERNS.
2. PROVIDE WITH FACTORY ATTACHED 3" HIGH SQUARE TO ROUND ADAPTERS. ADAPTERS TO FIT INSIDE DIFFUSER NECK.
3. PROVIDE W/ MANUFACTURER'S CEILING GRID SYSTEM. REFER TO SPECIFICATIONS - ADD ALTERNATE #3.
4. PROVIDE HARD DUCT CONNECTION. NO FLEX DUCT.

RETURN AIR CONTROL DAMPER & AIR FLOW STATION SCHEDULE

DESIGNATION	LOCATION	SERVICE	AUTOMATIC DAMPER VOLUME (CFM)		DAMPER TYPE	DAMPER SIZE	TYPE OF CONTROLS	DAMPER MANUF. MODEL #	AIR FLOW STATION MANUF. MODEL #	REMARKS
			RETURN AIR							
			MAXIMUM	MINIMUM						
RAD-1	CORRIDOR	HYBRID O.R. # 2	SEE PLANS	SEE PLANS	OPPOSED BLADE	20x16	DDC	TAMCO SERIES 1000	TAMCO EBTRON GTC116-PC	SEE NOTES
RAD-2	CORRIDOR	O.R. # 6	SEE PLANS	SEE PLANS	OPPOSED BLADE	20x14	DDC	TAMCO SERIES 1000	TAMCO EBTRON GTC116-PC	SEE NOTES

- NOTES:
1. DAMPER SHALL BE DUCT MOUNTED AND SIZED TO MATCH DUCT DIMENSIONS.
2. PROVIDE DAMPER WITH FLANGED CONSTRUCTION.



Revisions

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Title	

MECHANICAL SCHEDULES

Sheet
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