EVAPORATIVE COOLER SCHEDULE

DESIGNATION	EC 1A - EC 1C	EC 2A - EC 2B	EC 3A - EC 3B	EC 4A - EC 4C	EC 5A - EC 5B	EC 6A - EC 6B
CFM	2400	2600	2,800	3,200	3,700	3,900
E S P (IN WC)	0.5	●	●	●	●	●
FAN HP	1/2	●	●	●	3/4	3/4
FAN VOLTS/PHASE	115/1	●	●	●	●	●
PUMP WATTS	75	●	●	●	●	●
PUMP VOLTS/PHASE	115/1	●	●	●	●	●
MANUFACTURER	ARVIN	●	●	●	●	●
TYPE	DOWN DRAFT	●	●	●	●	●
MODEL NUMBER	ED430C	ED630C	●	●	●	●
LOCATION	ROOM 402/808	ROOM 609	ROOM 610	CLASSROOMS - SEE PLANS	ROOM 903/904	ROOM 804
OPER WT (LBS)	320	410	●	●	●	●
ACCESSORIES						

EXHAUST FAN SCHEDULE

DESIGNATION	EF 1	EF 2	EF 3A - EF 3E	EF 4A & EF 4B	EF 5	EF 6	EF 7	EF 8	EF 9A & EF 9B	EF 10
CFM	50	100	200	250	340	880	250	200	200	750
E S P (IN WC)	0.125	●	●	0.25	0.25	0.25	0.25	0.125	0.125	0.125
HP/WATTS	50W	50W	105W	130W	130W	1/4 HP	1/10 HP	105W	105W	1/8 HP
VOLTS/PHASE	115/1	●	●	●	●	●	●	●	●	●
RPM	1050	●	●	●	●	750	1,110	1,050	1,050	790
TIP SPEED/SONES	—/1.3	—/1.3	—/2.5	—/4.1	—/4.1	3,000/4.6	2,840/3.6	—/2.5	—/2.5	2,610/4.2
DRIVE	DIRECT	●	●	●	●	●	●	●	●	●
MOUNTING	CEILING	●	●	WALL	WALL	DUCT	ROOF	WALL	CEILING	ROOF
MANUFACTURER	PENN	●	●	●	●	●	●	●	●	●
TYPE	ZEPHYR	●	●	●	●	DOMEX	DOMEX	ZEPHYR	ZEPHYR	DOMEX
MODEL NUMBER	Z-6 RA	Z-6 RA	Z-8 RA	Z-10 TD	Z-10 TD	BT 45L	XR 94L	Z-8TD	Z-8RA	AT 24L
CONTROL	SW. W/LTS	I.L. W/MC-2	SW. W/LTS	I.L. W/HC-3	I.L. W/HC-4	I.L. W/AH-1	I.L. W/(E)RHP-1	I.L. W/HC-1	WALL SWITCH	③
LOCATION	BLDG. I - SOUND BOOTH	BLDG. I - PSYCH. & SPEECH	TOILET RMS	BLDG. I - CENTRAL & EAST CLASSRMS	BLDG. I - WEST CLASSROOM	LOBBY	TEACHERS LNGE.	BLDG. I - CORRIDOR	BLDG. I SOUND BOOTH	AUD. - LIGHT TROUGH
OPER WT (LBS)	20	20	25	40	40	70	280	25	25	40
ACCESSORIES	①	①	①	①	①	②	①	①	①	①

① LEKTROL LT-30 SPEED CONTROLLER.
② LEKTROL LT-50 SPEED CONTROLLER.
③ T'STAT SET FOR 100°.

FAN COIL SCHEDULE

DESIGNATION	FC 1
CFM	150
T S P (IN WC)	0.40
MIN OSA	50
HP	100
VOLTS/PHASE	120/1
MOTOR TYPE	—
SENSIBLE (MBH)	4.3
TOTAL (MBH)	5.1
P D (IN WC)	—
EADB/EAWB (°F)	87.0/67.2
EWT (°F)	45
BRANCH SIZE	1"
VALVE TYPE	3 - WAY
GPM/P.D. (FT)	3.5/13.8
CAPACITY (MBH)	6.8
STAGES	—
VOLTS/PHASE	1
KW	120/1
	2.0
QUANTITY/SIZE	8 1/2 x 18 3/4 x 1
TYPE	T/A
P D (IN WC)	0.2
MANUFACTURER	McQUAY
TYPE	TSH
MODEL NUMBER	03E
LOCATION	SOUND BOOTH
OPER WT (LBS)	80
ACCESSORIES	2-WAY ELEC. CONTROL VALVE, BOTTOM PLENUM, ECONOMY DRAIN PAN

GRILLE SCHEDULE

MARK	DUTY	DESCRIPTION
A	CEILING SUPPLY	BARBER-COLMAN PBLV PERFORATED FACE ROUND NECK DIFFUSER FOR STD. LAY-IN CEILING, WITH O.B.D., FLAT BLACK INTERIOR, AND NO. 7 BAKED OFF-WHITE ENAMEL FINISH.
B	CEILING SUPPLY	BARBER-COLMAN PSLV PERFORATED FACE RECTANGULAR NECK DIFFUSER FOR STD. LAY-IN CEILING, WITH O.B.D., FLAT BLACK INTERIOR, AND NO. 7 FINISH.
C	CEILING SUPPLY	BARBER-COLMAN SNTV LOUVERED FACE ROUND NECK DIFFUSER FOR LAY-IN CEILING, WITH O.B.D., FIXED PATTERN, AND NO. 7 FINISH.
D	CEILING SUPPLY	BARBER-COLMAN SFSV LOUVER FACE SQUARE NECK DIFFUSER FOR SURFACE MOUNTING, WITH O.B.D., FIXED PATTERN, AND NO. 7 FINISH.
E	CEILING SUPPLY	ANEMOSTAT MODEL C-2 CIRCULAR DIFFUSER W/LOUVRE DAMPER, EQUALIZING DEFLECTOR, AND LACQUER PRIME FINISH NO. 25.
F	CEILING SUPPLY	BARBER-COLMAN TGAV DIFFUSER WITH INTEGRAL CORE, 1/8" BARS ON 1/4" CENTERS, W/ 15 DEG. AIR PATTERN, O.B.D., MOUNTING METHOD NO. 2, AND NO. 7 FINISH.
G	WALL SUPPLY	BARBER-COLMAN GEAV DIFFUSER WITH INTEGRAL CORE, O.B.D., 5 DEG. UPWARD DEFLECTION AND NO. 7 FINISH.
H	CEILING RETURN OR EXHAUST	BARBER-COLMAN PELV PERFORATED FACE SQUARE OR RECTANGULAR NECK REGISTER FOR STD. LAY-IN CEILING, WITH O.B.D, FLAT BLACK INTERIOR, AND NO. 7 FINISH.
J	CEILING RETURN	BARBER-COLMAN GFAV REGISTER WITH REMOVABLE CORE, FOR EXPOSED DUCT MOUNTING, 1/4" FLANGE O.B.D., 5 DEG. UPWARD DEFLECTION, AND NO. 7 FINISH.
K	CEILING RETURN OR EXHAUST	BARBER-COLMAN GERV SQUARE NECK REGISTER WITH INTEGRAL CORE (WITHOUT INDENTS), FOR SURFACE MOUNTING AND NO. 7 FINISH.
L	WALL RETURN	BARBER-COLMAN GMRO REGISTER WITH HINGED CORE (W/O INDENTS) FILTER BRACKETS, AND NO. 7 FINISH.
M	WALL SUPPLY	BARBER - COLMAN GMAO DIFFUSER WITH REMOVABLE CORE, 5 DEG. DOWNWARD DEFLECTION AND NO.7 FINISH.
N	WALL SUPPLY	BARBER - COLMAN GEAJ DIFFUSER WITH INTEGRAL CORE, O.B.D, DEFLECTROL, 5° DEG. UPWARD DEFLECTION, AND NO. 7 FINISH.

WATER CHILLER SCHEDULE

DESIGNATION	WC 1
CAPACITY (TONS)	57.3
UNIT FLA	316
VOLTS/PHASE	208/3
EER	9.9
COMP. MOTOR QUANTITY	2
COMP. MOTOR RLA- (EACH)	121/153
COMP. MOTOR OPER. KW	82.9
CHILLER GPM/P.D. (FT.)	135/15.0
CHILLER EWT/LWT (°F)	55/45
CHILLER SCALE FACTOR	.0005
AMBIENT AIR (°F)	110
MANUFACTURER	McQUAY
TYPE	AIR COOLED
MODEL	ALR-0658
OPER. WT. (LBS.)	5,900
ACCESSORIES	100-82-66-30-0 STAGING.

PUMP SCHEDULE

DESIGNATION	P 1
HP	5
VOLTS/PHASE	208/3
RPM	1,750
GPM/TDH (FT)	135/65
EFFICIENCY (%)	65
MANUFACTURER	B&G
TYPE	SERIES 80
MODEL NUMBER	2 1/2 x 2 1/2 x 9 1/8
LOCATION / USE	MECH. YARD CW PUMP
OPER WT (LBS)	230
ACCESSORIES	MOUNTING STAND

FURNACE SCHEDULE

DESIGNATION	F 1A & F 1B	F 2A & F 2B	F 3
BLOWER CFM	1,100	1,100	2300
BLOWER E S P (IN WC)	0.5	●	●
BLOWER HP/AMPS	1/5 / 6.5	1.9 / —	1.9 / —
BLOWER VOLTS/PHASE	115/1	●	●
BLOWER RPM	1,100	—	—
BLOWER DRIVE	DIRECT	—	—
HEATING INPUT (MBH)	40.0	112.0	225.0
HEATING OUTPUT (MBH)	32.0	89.6	180.0
HEATING FUEL	NAT. GAS	●	●
FILTERS QUANTITY/SIZE	1) 16 x 25 x 1	—	—
FILTERS TYPE	T/A	—	—
FILTERS P D (IN WC)	0.3	—	—
MANUFACTURER	COMFORTMAKER	REZNOR	REZNOR
TYPE	UPFLOW	CRPV	CRPV
MODEL NUMBER	CGUA 040A	125	250
LOCATION	CLASSROOMS 501/506	STAGE/LOBBY	AUDITORIUM
OPER WT (LBS)	180	180	320
ACCESSORIES		①	①

① 2-STAGE GAS CONTROLS.

PACKAGE AIR CONDITIONING UNIT SCHEDULE

DESIGNATION	HC 1	HC 2	HC 3A & HC 3B	HC 4
NAMEPLATE AMPS	17.8	21.9	30.7	42.7
VOLTS/PHASE	208-230/1	208-230/3	208-230/3	208-230/3
SEER AT ARI	9.5	9.5/—	9.5/—	—/8.2
BLOWER CFM	1,000	1,400	2,000	2500
BLOWER TOTAL S P (IN WC)	0.3	●	●	●
BLOWER MIN OSA (CFM)	200	100	250	340
BLOWER HP	1/4	3/4	1	1 1/2
BLOWER DRIVE	DIRECT	DIRECT	BELT	BELT
COOLING SENSIBLE (MBH)	23.8	33.3	48.5	64.8
COOLING TOTAL (MBH)	26.3	37.2	53.4	75.0
COOLING EADB/EAWB (°F)	80/64	●	●	●
COOLING AMB AIR (°F)	105	●	●	●
HEATING INPUT (MBH)	40.0	60.0	100.0	140.0
HEATING OUTPUT (MBH)	32.0	45.0	75.0	116.8
HEATING FUEL	NAT. GAS	●	●	●
FILTERS QUANTITY/SIZE	1) 20 x 25 x 2	2) 20 x 16 x 2	2) 20 x 16 x 2	2) 16 x 20 x 2, 2) 20 x 20 x 2
FILTERS TYPE	FARR 30/30	●	●	●
FILTERS P D (IN WC)	0.3	●	●	●
MANUFACTURER	PAYNE	●	●	●
TYPE	GAS/ELEC.	●	●	●
MODEL NUMBER	S8SHJ030040	S8SJP042060	S8SJP060100	S7SDP090146
LOCATION	BLDG. I CORR.	PSYCH.-SPEECH	BLDG. I - CENTRAL & EAST CLASSRMS.	BLDG. I - WEST CLASSROOM
OPER WT (LBS)	650	700	800	1,240
ACCESSORIES		①	①	①

① ROOF CURB SHAPED TO MATCH ROOF SLOPE, FACTORY PLENUM, FACTORY MODULATING ECONOMIZER, BAROMETRIC RELIEF FOR ECONOMIZER.

AIR HANDLER SCHEDULE

DESIGNATION	AH 1	AH 2	AH 3
BLOWER CFM	3,100	3600	10,500
BLOWER TOTAL S P (IN WC)	2.5	2.5	2.5
BLOWER MIN OSA (CFM)	1,280	650	2,580
BLOWER HP/BRAKE HP	3/—	3/—	7 1/2/—
BLOWER VOLTS/PHASE	208/3	●	●
BLOWER FAN TYPE/CLASS	FC/—	●	AF/—
BLOWER ISOLATOR DEFLEC (IN)	2"	●	●
COOLING COIL SENSIBLE (MBH)	106.5	96.6	299.4
COOLING COIL TOTAL (MBH)	129.5	111.9	381.1
COOLING COIL SIZE (FT²)	5.5	7.4	21.2
COOLING COIL AIR P D (IN WC)	.74	.44	.50
COOLING COIL EADB/EAWB (°F)	89.2/68.2	82.9/65.2	84.6/66.2
COOLING COIL EWT (°F)	45	●	●
COOLING COIL BRANCH SIZE	2"	2"	3"
COOLING COIL VALVE TYPE	3-WAY	●	●
COOLING COIL GPM/P.D. (FT)	25.0/7.2	25.0/4.3	80.0/12.2
FILTERS QUANTITY/SIZE	6) 16x20x2	6)16x25x2	12)16x25x2
FILTERS TYPE	FARR 30/30	●	●
FILTERS P D (IN WC)	0.3	●	●
MANUFACTURER	McQUAY	●	●
TYPE	LSL	LSL	LSL
MODEL NUMBER	106C	108C	122 D
LOCATION	LOBBY	STAGE	AUDITORIUM
OPER WT (LBS)	840	1,090	2,550
ACCESSORIES			①

① PROVIDE W/ INTERNAL ISOLATION.

bfgc bigger frapwell ghezzi cartnal

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SCHEDULES

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