

**VAV BOX SCHEDULE**

TAG	SERVICES	INLET SIZE	CFM	OUTLET SIZE	MAX. RAD.	MAX. COOLING	MIN. COOLING	MBH	GPM	MAX. WPD	EWT	LVT	EAT	LAT	ROWS	R/INCUIT SIZE
VA-V1	Multiturpose B106	10	851	1300	14"X12"	28	0.50"	48.1	3.9	2.2	180	155	55	90	2	1"
VA-V2	Multiturpose B105	12	1301	1800	17"X14"	30	0.50"	69.0	4.5	2.8	180	150	55	90	2	1"
VA-V3	Office B104	5	201	295	10"X8"	37	0.15"	12.3	0.8	0.3	180	150	55	90	2	1/2"
VA-V4	Office B113	4	151	209	10"X8"	37	0.15"	12.3	0.8	0.3	180	150	55	90	2	1/2"
VA-V5	Workplace B114	8	501	850	11"X10"	28	0.40"	32.1	3.2	2.3	180	160	55	90	2	3/4"
VA-V7	Dental B111	6	326	500	10"X8"	35	0.45"	18.9	1.3	0.3	180	150	55	90	2	3/4"
<b>BID ALTERNATE No. 1</b>																
VA-V9	Existing Classroom	10	851	1300	14"X12"	28	0.50"	48.1	3.9	2.2	180	155	55	90	2	1"
VA-V10	Existing Classroom	10	851	1300	14"X12"	28	0.50"	48.1	3.9	2.2	180	155	55	90	2	1"
VA-V11	Existing Classroom	10	851	1300	14"X12"	28	0.50"	48.1	3.9	2.2	180	155	55	90	2	1"
VA-V12	Existing Classroom	10	851	1300	14"X12"	28	0.50"	48.1	3.9	2.2	180	155	55	90	2	1"
VA-V13	Existing Classroom	10	851	1300	14"X12"	28	0.50"	48.1	3.9	2.2	180	155	55	90	2	1"
VA-V14	Existing Classroom	10	851	1300	14"X12"	28	0.50"	48.1	3.9	2.2	180	155	55	90	2	1"
VA-V15	Existing Classroom	10	851	1300	14"X12"	28	0.50"	48.1	3.9	2.2	180	155	55	90	2	1"
VA-V16	Existing Classroom	10	851	1300	14"X12"	28	0.50"	48.1	3.9	2.2	180	155	55	90	2	1"
VA-V17	Existing Classroom	10	851	1300	14"X12"	28	0.50"	48.1	3.9	2.2	180	155	55	90	2	1"
VA-V18	Existing Classroom	10	851	1300	14"X12"	28	0.50"	48.1	3.9	2.2	180	155	55	90	2	1"
VA-V19	Existing Classroom	10	851	1300	14"X12"	28	0.50"	48.1	3.9	2.2	180	155	55	90	2	1"
VA-V20	Existing Classroom	10	851	1300	14"X12"	28	0.50"	48.1	3.9	2.2	180	155	55	90	2	1"
VA-V21	Existing Classroom	10	851	1300	14"X12"	28	0.50"	48.1	3.9	2.2	180	155	55	90	2	1"
VA-V22	Existing Classroom	10	851	1300	14"X12"	28	0.50"	48.1	3.9	2.2	180	155	55	90	2	1"
VA-V23	Existing Classroom	10	851	1300	14"X12"	28	0.50"	48.1	3.9	2.2	180	155	55	90	2	1"
VA-V24	Existing Classroom	10	851	1300	14"X12"	28	0.50"	48.1	3.9	2.2	180	155	55	90	2	1"
VA-V25	Existing Classroom	10	851	1300	14"X12"	28	0.50"	48.1	3.9	2.2	180	155	55	90	2	1"
VA-V26	Existing Classroom	10	851	1300	14"X12"	28	0.50"	48.1	3.9	2.2	180	155	55	90	2	1"
VA-V27	Existing Classroom	10	851	1300	14"X12"	28	0.50"	48.1	3.9	2.2	180	155	55	90	2	1"
VA-V28	Existing Classroom	10	851	1300	14"X12"	28	0.50"	48.1	3.9	2.2	180	155	55	90	2	1"
VA-V29	Existing Classroom	10	851	1300	14"X12"	28	0.50"	48.1	3.9	2.2	180	155	55	90	2	1"
VA-V30	Existing Classroom	10	851	1300	14"X12"	28	0.50"	48.1	3.9	2.2	180	155	55	90	2	1"
VA-V31	Existing Classroom	10	851	1300	14"X12"	28	0.50"	48.1	3.9	2.2	180	155	55	90	2	1"
VA-V32	Existing Classroom	10	851	1300	14"X12"	28	0.50"	48.1	3.9	2.2	180	155	55	90	2	1"
VA-V33	Existing Classroom	10	851	1300	14"X12"	28	0.50"	48.1	3.9	2.2	180	155	55	90	2	1"
VA-V34	Existing Classroom	10	851	1300	14"X12"	28	0.50"	48.1	3.9	2.2	180	155	55	90	2	1"
VA-V35	Existing Classroom	10	851	1300	14"X12"	28	0.50"	48.1	3.9	2.2	180	155	55	90	2	1"
VA-V36	Existing Classroom	10	851	1300	14"X12"	28	0.50"	48.1	3.9	2.2	180	155	55	90	2	1"
VA-V37	Existing Classroom	10	851	1300	14"X12"	28	0.50"	48.1	3.9	2.2	180	155	55	90	2	1"
VA-V38	Existing Classroom	10	851	1300	14"X12"	28	0.50"	48.1	3.9	2.2	180	155	55	90	2	1"
VA-V39	Existing Classroom	10	851	1300	14"X12"	28	0.50"	48.1	3.9	2.2	180	155	55	90	2	1"
VA-V40	Existing Classroom	10	851	1300	14"X12"	28	0.50"	48.1	3.9	2.2	180	155	55	90	2	1"
VA-V41	Existing Classroom	10	851	1300	14"X12"	28	0.50"	48.1	3.9	2.2	180	155	55	90	2	1"

**PACKAGED ROOF TOP UNIT (HVAC) SCHEDULE**

GENERAL	ITEM NO.	DESCRIPTION	AMOUNT	UNIT
MODEL (Note 1)	LC220HBN	COMMUNITY CENTER		
VOLTS/PHAZ	460/3/60			
BEER	10.5			
MCA W/SP	30%			
MIN. COOL AREA, sf	—			
MIN. AREA, sf	—			
DRIVE	BELT			
ESP. in. w.c.	1.5			
MAX HP/MOTOR HP	1.600			
ERTY AIR DRWB	90/167			
THRU/TH	70/8			
TONS	9.9			
MIN. COOL AREA, sf	9.99			
COIL FACE VELOCITY	253			
AMBIENT DBL. DEG.F	86			
MIN. COOL AREA, sf	—			
MIN. COOL AREA, sf	—			
MIN. STAGES OF COOLING	4			
MIN. STAGES OF COOLING	4			
TYPE	W/SP			
MAX. EFFICIENCY	75%			
WINTER ENTERING OA, db F	-10			
WINTER LEAVING OA, db F	40			
WINTER LEAVING OA, db F	40			
SUMMER ENTERING OA, db F	95			
SUMMER ENTERING RA, db F	75			
SUMMER LEAVING RA, db F	55			
EXHAUST FAN HP	2 MOTORS, 5 HP EACH			
EXHAUST FAN HP	2 MOTORS, 5 HP EACH			
VOLTS/PHAZ	460/3/60			
OVERALL HEIGHT	11'-7"			
CHUB HEIGHT	6'-0"			
OVERALL HEIGHT	1'-6"			
CREATING HEIGHT (LBS)	300			

**REGISTER - GRILLES - DIFFUSERS SCHEDULE**

TAG	PRICE INFO	MODEL NO.	TYPE	NECK SIZE	FACE SIZE	CFM RANGE	MAX TOTAL REGISTER DROP	MAX. LEVEL
S1	SCD	6" DIA	SO. CEILING SUPPLY DIFFUSER	6" DIA	24" X 24"	0 - 150	0.07	16
S2	SCD	8" DIA	SO. CEILING SUPPLY DIFFUSER	8" DIA	24" X 24"	151 - 275	0.07	19
S3	SCD	10" DIA	SO. CEILING SUPPLY DIFFUSER	10" DIA	24" X 24"	276 - 440	0.07	23
S4	LVI	48" X 17 1/2"	LINEAR VANE DIFFUSER	48" X 17 1/2"	48" X 17 1/2"	400 - 500	0.10	18
E1	530	STL. RET. GRILLE, 3/4" SPACCS, 30 DEG VANES	6" X 6"	10" X 10"	0 - 170	0.05	23	
E2	530	STL. RET. GRILLE, 3/4" SPACCS, 30 DEG VANES	12" X 12"	14" X 14"	171 - 440	0.05	27	
E3	530	STL. RET. GRILLE, 3/4" SPACCS, 30 DEG VANES	15" X 15"	20" X 14"	441 - 670	0.05	27	
E4	510	STL. RET. GRILLE, 3/4" SPACCS, 0 DEG VANES	22" X 22"	24" X 24"	675 - 1400	0.05	22	

**REGISTER - GRILLES - DIFFUSERS SCHEDULE (CONTINUED)**

TAG	RUN/VAL	MOUNTING	PIPE BTU/FT	AWT	GPM	EAT	ELEMENT	PANEL LENGTH	LENGTH
F-1	RSE-5	17.1/2"	3/4"	2400	170	NOTE 1	65	STEEL	4.8" X 14.4"
F-2	RSE-5	17.1/2"	3/4"	1073	170	NOTE 1	65	STEEL	1.8" X 14.4"

**CONDENSER SCHEDULE (BID ALT. NO. 3)**

LOCATION	MECHANICAL RM	CONDENSER
CONDENSER	CONDENSER	CONDENSER

**PACKAGED ROOF TOP UNIT (HVAC) SCHEDULE (CONTINUED)**

GENERAL	ITEM NO.	DESCRIPTION	AMOUNT	UNIT
MODEL (Note 1)	LC220HBN	COMMUNITY CENTER		
VOLTS/PHAZ	460/3/60			
BEER	10.5			
MCA W/SP	30%			
MIN. COOL AREA, sf	—			
MIN. AREA, sf	—			
DRIVE	BELT			
ESP. in. w.c.	1.5			
MAX HP/MOTOR HP	1.600			
ERTY AIR DRWB	90/167			
THRU/TH	70/8			
TONS	9.9			
MIN. COOL AREA, sf	9.99			
COIL FACE VELOCITY	253			
AMBIENT DBL. DEG.F	86			
MIN. COOL AREA, sf	—			
MIN. COOL AREA, sf	—			
MIN. STAGES OF COOLING	4			
MIN. STAGES OF COOLING	4			
TYPE	W/SP			
MAX. EFFICIENCY	75%			
WINTER ENTERING OA, db F	-10			
WINTER LEAVING OA, db F	40			
WINTER LEAVING OA, db F	40			
SUMMER ENTERING OA, db F	95			
SUMMER ENTERING RA, db F	75			
SUMMER LEAVING RA, db F	55			
EXHAUST FAN HP	2 MOTORS, 5 HP EACH			
EXHAUST FAN HP	2 MOTORS, 5 HP EACH			
VOLTS/PHAZ	460/3/60			
OVERALL HEIGHT	11'-7"			
CHUB HEIGHT	6'-0"			
OVERALL HEIGHT	1'-6"			
CREATING HEIGHT (LBS)	300			

**PACKAGED ROOF TOP UNIT (HVAC) SCHEDULE (CONTINUED)**

GENERAL	ITEM NO.	DESCRIPTION	AMOUNT	UNIT
MODEL (Note 1)	LC220HBN	COMMUNITY CENTER		
VOLTS/PHAZ	460/3/60			
BEER	10.5			
MCA W/SP	30%			
MIN. COOL AREA, sf	—			
MIN. AREA, sf	—			
DRIVE	BELT			
ESP. in. w.c.	1.5			
MAX HP/MOTOR HP	1.600			
ERTY AIR DRWB	90/167			
THRU/TH	70/8			
TONS	9.9			
MIN. COOL AREA, sf	9.99			
COIL FACE VELOCITY	253			
AMBIENT DBL. DEG.F	86			
MIN. COOL AREA, sf	—			
MIN. COOL AREA, sf	—			
MIN. STAGES OF COOL				