

FAN COIL UNIT SCHEDULE																									
Unit Tag	Area Served	CFM	O.A. Min.	ESP	Fan Motor			Cooling Performance						Heating Performance						Vibration Isolation		Model	Remarks		
					Watts	Volts	Phase	EAT	LAT	MBH Total	MBH Sens.	GPM	EWT	Max. Water PD (ft.)	Max. Air PD (in.)	EAT	LAT	MBH	GPM	EWT	Max. Water PD (ft.)			Max. Air PD (in.)	Type
FC-A-1	Resource Room	519	100	0.05	145	115	1	80/67	59/58	14.0	11.6	1.9	45	10	Note 2	60	148	49.2	1.9	180	10	Note 2	none	Trane Unitrane 06	1-13
FC-A-2	Teacher Team Rm.	160	30	0.05	60	115	1	80/67	57/56	5.2	4.0	0.9	45	10	Note 2	60	145	14.8	0.9	180	10	Note 2	none	Trane Unitrane 02	1-13

- Equals by Carrier and McQuay. Coils selected on a 0.0 fouling factor. If dampers are shown or called for they shall be Arrow "pin-lock" (or approved equal) w/ opposed action blades, PD=0.38" at 1000 fpm, leakage = .5% at 2" static pressure. Control valve max. PD = 12'. Control valve to seat against 100' of pressure unless noted otherwise. Provide AHU emergency shut down switch. Contractor shall verify service clearances for all substitutions.
- Manufacturers fan data includes wet coil, clean filter, and unit casing. ESP in this schedule includes all other pressure drops.
- 2-way control valve. See detail 5/M-5.
- Wall mounted thermostat.
- Factory mounted disconnect switch.
- Note not used.
- Piping connections to unit: (2-pipe system) 1 1/4" condensate piping w/ trap, dts/r piping. Unit has a dual temperature coil that does cooling and heating. See plans for sizes.
- Fibrous media filter. Filter to be mounted internal to unit.
- Driftwood grey finish.
- 3-position switch: 2 speeds + off. Switch to be unit mounted for vertical units and wall mounted for horizontal units.
- Double deflection grilles.
- Cooling performance based on 12 degree temperature rise in water.
- Outside air connection is at top of unit.

BOILER SCHEDULE													
Unit Tag	Capacity (MBH)		Burner Data					Working Pressure PSI	Type	Model	Remarks		
	Gross	Net (Water)	Oil GPH	Gas MBH	HP	Volts	Phase						
B-1	1029	895	8.8	n/a	1/2	120	1	30	Cast-Iron	Peerless OLC-07	1		

- Equals by Weil Mclain and H.B. Smith.

AIR COOLED CHILLER SCHEDULE																							
Unit Tag	Capacity (Tons)	Evaporator					Amb. Temp. (F)	Compressor				Condenser Fan			Vibration Isolation		Starter Type	Model	Remarks				
		EWT (F)	LWT (F)	GPM	PD (ft)	Foul. Factor		Qty.	RLA (ea.)	LRA (ea.)	Volts	Phase	Qty.	FLA (ea.)	Volts	Phase				Type	Deflection		
C-1	55.2	53	44	156	20	.00025	95	4	25.4	142	460	3	6	1.8	460	3	none	-	x-line	Trane CGAE-C60	1		

- Equals by Carrier and McQuay.

UNIT VENTILATOR SCHEDULE																									
Unit Tag	Area Served	CFM	O.A. Min.	ESP	Fan Motor			Cooling Performance						Heating Performance						Vibration Isolation		Model	Remarks		
					HP	Volts	Phase	EAT	LAT	MBH Total	MBH Sens.	GPM	EWT	Max. Water PD (ft.)	Max. Air PD (in.)	EAT	LAT	MBH	GPM	EWT	Max. Water PD (ft.)			Max. Air PD (in.)	Type
UV-A-1	Classroom	1000	190	0.05	1/6	115	1	80/67	59/57	31.7	23.0	5.3	45	10	Note 2	60	145	92.6	5.3	180	10	Note 2	none	Trane HUVB100	1-13
UV-A-2	Classroom	1000	190	0.05	1/6	115	1	80/67	59/57	31.7	23.0	5.3	45	10	Note 2	60	145	92.6	5.3	180	10	Note 2	none	Trane HUVB100	1-13
UV-A-3	Science Classroom	1000	190	0.05	1/6	115	1	80/67	58/57	31.0	24.5	5.2	45	10	Note 2	60	160	108.6	5.2	180	10	Note 2	none	Trane HUVB100	1, 2, 4-14
UV-A-4	Classroom	1000	190	0.05	1/6	115	1	80/67	59/57	31.7	23.0	5.3	45	10	Note 2	60	145	92.6	5.3	180	10	Note 2	none	Trane HUVB100	1, 2, 4-14
UV-A-5	Computer Lab	1250	250	0.05	1/4	115	1	80/67	60/58	35.7	27.2	5.9	45	10	Note 2	60	144	113.7	5.9	180	10	Note 2	none	Trane HUVB125	1, 2, 4-14
UV-A-6	Classroom	1000	190	0.05	1/6	115	1	80/67	59/57	31.7	23.0	5.3	45	10	Note 2	60	145	92.6	5.3	180	10	Note 2	none	Trane HUVB100	1-13
UV-A-7	Classroom	1000	190	0.05	1/6	115	1	80/67	59/57	31.7	23.0	5.3	45	10	Note 2	60	145	92.6	5.3	180	10	Note 2	none	Trane HUVB100	1-13
UV-A-8	Classroom	1000	190	0.05	1/6	115	1	80/67	58/57	31.0	24.5	5.2	45	10	Note 2	60	160	108.6	5.2	180	10	Note 2	none	Trane HUVB100	1-13
UV-A-9	Classroom	1000	190	0.05	1/6	115	1	80/67	59/57	31.7	23.0	5.3	45	10	Note 2	60	145	92.6	5.3	180	10	Note 2	none	Trane HUVB100	1-13
UV-A-10	Classroom	1000	190	0.05	1/6	115	1	80/67	61/60	24.2	21.2	4.0	45	10	Note 2	60	153	101.2	4.0	180	10	Note 2	none	Trane HUVB100	1-13
UV-A-11	Classroom	1000	190	0.05	1/6	115	1	80/67	59/57	31.7	23.0	5.3	45	10	Note 2	60	145	92.6	5.3	180	10	Note 2	none	Trane HUVB100	1, 2, 4-14
UV-A-12	Classroom	1000	190	0.05	1/6	115	1	80/67	61/60	24.2	21.2	4.0	45	10	Note 2	60	153	101.2	4.0	180	10	Note 2	none	Trane HUVB100	1, 2, 4-14
UV-A-13	Classroom	1000	190	0.05	1/6	115	1	80/67	59/57	31.7	23.0	5.3	45	10	Note 2	60	145	92.6	5.3	180	10	Note 2	none	Trane HUVB100	1, 2, 4-14
UV-A-14	Classroom	1000	190	0.05	1/6	115	1	80/67	61/60	24.2	21.2	4.0	45	10	Note 2	60	153	101.2	4.0	180	10	Note 2	none	Trane HUVB100	1, 2, 4-14
UV-A-15	Classroom	1000	190	0.05	1/6	115	1	80/67	59/57	31.7	23.0	5.3	45	10	Note 2	60	145	92.6	5.3	180	10	Note 2	none	Trane HUVB100	1, 2, 4-14
UV-A-16	Classroom	1000	190	0.05	1/6	115	1	80/67	61/60	24.2	21.2	4.0	45	10	Note 2	60	153	101.2	4.0	180	10	Note 2	none	Trane HUVB100	1-13
UV-A-17	Classroom	1000	190	0.05	1/6	115	1	80/67	59/57	31.7	23.0	5.3	45	10	Note 2	60	145	92.6	5.3	180	10	Note 2	none	Trane HUVB100	1-13
UV-A-18	Music / Art	1000	190	0.05	1/6	115	1	80/67	58/57	31.0	24.5	5.2	45	10	Note 2	60	160	108.6	5.2	180	10	Note 2	none	Trane HUVB100	1, 2, 4-14
UV-B-1	Kitchen	2000	-	0.05	1/3	115	1	80/67	56/55	75.7	53.9	12.6	45	10	Note 2	60	154	202.9	12.6	180	10	Note 2	none	Trane HUVB200	1, 2, 4-14

- Equals by Carrier and American Air Filter. Coils selected on a 0.0 fouling factor. Coils selected on a 0.0 fouling factor. Vibration isolators to be seismic rated if seismic ratings are called for in plans and specs. Non-seismic isolators shall be external to unit. If dampers are shown or called for they shall be Arrow "pin-lock" (or approved equal) w/ opposed action blades, PD=0.38" at 1000 fpm, leakage = .5% at 2" static pressure. Control valve max. PD = 12'. Control valve to seat against 100' of pressure unless noted otherwise. Provide AHU emergency shut down switch. Contractor shall verify service clearances for all substitutions.
- Manufacturers fan data includes wet coil, clean filter, and unit casing. ESP in this schedule includes all other pressure drops.
- 3-way control valve. See detail 5/M-5.
- Wall mounted thermostat.
- Factory mounted disconnect switch.
- Cooling mode: face and by-pass damper control (control valve fully open); Heating mode: 2-way control valve (unless 3-way called for in schedule).
- Piping connections to unit: (2-pipe system) 1 1/4" condensate piping w/ trap, dts/r piping. Unit has a dual temperature coil that does cooling and heating. See plans for sizes.
- Fibrous media filter. Filter to be mounted internal to unit.
- Driftwood grey finish.
- 3-position switch: 2 speeds + off. Switch to be unit mounted for vertical units and wall mounted for horizontal units.
- Double deflection grilles.
- Cooling performance based on 12 degree temperature rise in water.
- Outside air connection is at top of unit.
- 2-way control valve. See detail 5/M-5.

AIR HANDLING UNIT SCHEDULE																					
UNIT NO	SERVES	CFM	EXT SP (IN)	FAN MOTOR			COOLING COIL DATA						HEATING CAPACITY				MIN O.A.	MODEL	REMARKS		
				HP	VOLT	PHASE	EAT FDB/FWB	MBH TOTAL	MBH SENSIBLE	GPM	MAX WATER PD (FT)	EWT (F)	MAX AIR PD (N)	MBH TOTAL	EWT (F)	GPM				MAX PD (FT)	MAX AIR PD (N)
AH-A-1	INTERIOR ADMIN.	1200	.55	1	460	3	80/67	44.9	31.8	9.0	7.0	45	.50	90.0	180	9.0	7.0	.50	240	TRANE BCVB036	1-4
AH-A-2	EXTERIOR ADMIN.	1000	.55	1	460	3	80/67	25.7	21.6	4.3	7.0	45	.75	43.0	180	4.3	7.0	.75	100	TRANE BCVB024	1-4
AH-A-3	MEDIA CENTER	2400	.60	1 1/2	460	3	80/67	75.6	57.6	15.1	7.0	45	.52	151.0	180	15.1	7.0	.52	460	TRANE BCVB072	1-4
AH-A-4	INT. MEDIA ROOMS	600	.40	1/2	460	3	80/67	15.9	13.2	2.6	7.0	45	.64	26.0	180	2.6	7.0	.64	120	TRANE BCHB018	1-4
AH-B-1	CAFETERIA	3000	.55	3	460	3	80/67	96.0	73.0	19.2	7.0	45	.47	192.0	180	19.2	7.0	.47	600	TRANE BCHB090	1-4

- Equals by Carrier and McQuay. Coils selected on a 0.0 fouling factor. If dampers are shown or called for they shall be Arrow "pin-lock" (or approved equal) w/ opposed action blades, PD=0.38" at 1000 fpm, leakage = .5% at 2" static pressure. Control valve max. PD = 12'. Control valve to seat against 100' of pressure unless noted otherwise. Provide AHU emergency shut down switch. Contractor shall verify service clearances for all substitutions.
- Manufacturers fan data includes wet coil, clean filter, and unit casing. ESP in this schedule includes all other pressure drops.
- 2-way control valve. See detail 5/M-5.
- Wall mounted thermostat.
- Piping connections to unit: (2-pipe system) 1 1/4" condensate piping w/ trap, dts/r piping. Unit has a dual temperature coil that does cooling and heating. See plans for sizes.
- Fibrous media filter. Filter to be mounted internal to unit.
- Cooling performance based on 12 degree temperature rise in water.

FAN SCHEDULE													
SYMBOL	SERVICE	CFM	SP (N)	RPM	DRIVE	HP (W)	VOLTS	PHASE	TYPE	MFG. & MODEL NO.	REMARKS		
MF-A-1	OUTSIDE AIR	1520	.45	1369	BELT	1/3	120	1	CENT. INLINE	GREENHECK BSQ-130-3	1		
MF-A-2	OUTSIDE AIR	3865	.50	872	BELT	1	460	3	CENT. INLINE	GREENHECK BSQ-200-10	1		
EF-A-1	PREP ROOM	150	.20	1033	DIRECT	(129)	120	1	CEILING MOUNTED	GREENHECK SP-9	1, 2, 4, 6		
EF-A-2	TOILET EXHAUST	60	.25	1352	DIRECT	(40)	120	1	CEILING MOUNTED	GREENHECK SP-6	1, 2, 3, 4		
EF-A-3	TOILET EXHAUST	80	.25	1500	DIRECT	(40)	120	1	CEILING MOUNTED	GREENHECK SP-6	1, 2, 3, 4		
EF-A-4	PREP ROOM	150	.20	1033	DIRECT	(129)	120	1	CEILING MOUNTED	GREENHECK SP-9	1, 2, 4, 6		
EF-A-5	PREP ROOM	150	.20	1033	DIRECT	(129)	120	1	CEILING MOUNTED	GREENHECK SP-9	1, 2, 4, 6		
EF-A-6	TOILET/ JANITOR MISC. EXHAUST	1320	.4	1298	BELT	1/4	120	1	ROOF MOUNTED	GREENHECK GB-120-4	1, 2		
EF-B-1	DISHWASH EXHAUST	1500	.50	1289	BELT	1/4	120	1	ROOF MOUNTED	GREENHECK GB-130-4	1		
EF-B-2	KITCHEN EXHAUST	7350	1.0	675	BELT	2	460	3	ROOF MOUNTED	GREENHECK CUBE-300-2	1		
EF-B-3	TOILET/ JANITOR EXHAUST	1240	.4	1679	BELT	1/4	120	1	ROOF MOUNTED	GREENHECK GB-100-4	1		
MF-B-1	KITCHEN MAKE-UP AIR	4775	1.5	946	BELT	3	460	3	CENT. INLINE	GREENHECK BSQ-240-30	1, 5		
VF-B-1	GYM VENTILATION	14000	.3	289	BELT	1.5	460	3	ROOF MOUNTED	GREENHECK GB-480-15	1, 2		
VF-B-2	BOILER VENTILATION	500	.3	1167	BELT	1/4	120	1	CENT. INLINE	GREENHECK BSQ-90-4	1		
VF-B-3	MECH. VENTILATION	850	.3	1631	BELT	1/4	120	1	CENT. INLINE	GREENHECK BSQ-90-4	1		

- EQUALS BY PENN & CARNES.
- PROVIDE BACKDRAFT DAMPER.
- INTERLOCK W/LIGHT SWITCH.
- PROVIDE SOLID STATE SPEED CONTROL.
- PROVIDE OPTIONAL FILTER SECTION.
- PROVIDE SEPARATE SWITCH

PUMP SCHEDULE													
Unit Tag	Service	GPM	Head (ft.)	RPM	Eff. (%)	HP	Volts	Phase	Type	Vibration Isolation		Model	Remarks
										Type	Deflection		
P-1	Chilled Water	156	50	1750	65	5	460	3	End Suction	A-1	1/4"	Taco FE2008	1
P-2	Hot Water	103	35	1750	63	2	460	3	Inline	A-2	1/4"	Taco 1641	1,2
P-3	Dual Temperature	78	60	1750	55	5	460	3	End Suction	A-1	1/4"	Taco FE2008	1,3
P-4	Dual Temperature												