AIR CONDITIONING EQUIPMENT SCHEDULE

MARK	MANUF.	MODEL NO.	BLOWER CFM	BLOWER ESP	BLOWER TSP	RPM	HP/BHP	MIN. O.A.	HTG. INPUT	HTG. OUTPUT	HTG. ENT/LVG	STAGES	COOLING TH	COOLING SH	EAT	LAT	COMPRESSOR KW	COMPRESSOR LRA EA.	COND. FAN NO.	COND. FAN HP	MAX FUSE AMPS	POWER VOLTAGE	WEIGHT LBS.	NOTES
RTU-A-1	YORK	D3CE090	2280	1.0		1027	1.5/1.26	480	-	-	-	-	86.3	61.1	78.6/65.1	57.3/56.1	8.3	64	2	1/2	21.1/25	480/3	1350	1 2 3
RTU-A-2	YORK	D3CE150	4080	1.0		998	3.0/2.3	1000	-	-	-	-	143.0	95.9	79.7/67.2	58.0/56.4	13.3	70	2	3/4	31.4/40	480/3	1650	1 2 3
RTU-A-3	YORK	D3CE150	4080	1.0		998	3.0/2.3	1000	-	-	-	-	143.0	95.9	79.7/67.5	58.0/56.4	13.3	70	2	3/4	31.4/40	480/3	1650	1 2 3
RTU-A-4	YORK	D3CE090	2280	1.0		1027	1.5/1.26	480	-	-	-	-	86.3	61.4	78.6/65.1	57.3/56.1	8.3	64	2	1/2	21.1/25	480/3	1350	1 2 3
RTU-A-5	YORK	D3CE090	2280	1.0		1027	1.5/1.26	480	-	-	-	-	86.3	61.4	78.4/65.1	57.3/56.1	8.3	64	2	1/2	21.1/25	480/3	1350	1 2 3
RTU-A-6	YORK	D3CE150	4080	1.0		998	3/2.5	1000	-	-	-	-	143.0	95.9	79.7/67.2	58.0/56.4	13.3	70	2	3/4	31.1/40	480/3	1650	1 2 3
RTU-A-7	YORK	D3CE150	4080	1.0		998	3/2.3	1000	-	-	-	-	143.0	95.9	79.7/67.2	58.0/56.4	13.3	70	2	3/4	31.1/40	480/3	1650	1 2 3
RTU-A-8	YORK	D3CE090	2280	1.0		1027	1.5/1.26	480	-	-	-	-	86.3	61.4	78.6/65.1	57.3/56.1	8.3	64	2	1/2	21.1/25	480/3	1350	1 2 3
RTU-A-9	YORK	D3CE120	2950	1.0		980	3.0/2.2	560	-	-	-	-	121	89.4	77.5/65.6	56.9/55.2	10.5	62	2	1/2	29.0/35	480/3	1500	1 2 3
RTU-B-1	YORK	D3CE060	2160	1.0		1159	2/1.5	240	-	-	-	-	81.9	46.7	76.5/64.5	58.9/55.0	5.0	62	3	1/2	16.4/20	480/3	850	1 2 3
RTU-B-2	YORK	D3CE060	2160	1.0		1159	2/1.5	240	-	-	-	-	81.8	37.0	79.6/64.4	57.7/55.1	5.0	62	3	1/2	16.4/20	480/3	850	1 2 3
RTU-B-3	YORK	D3CE090	2250	1.0		1021	2/1.24	540	-	-	-	-	91.7	58.3	82.1/66.2	58.1/57.6	8.5	64	3	1/2	21.1/25	480/3	1350	1 2 3
RTU-B-4	YORK	D3CE090	2350	1.0		1042	2/1.5	220	-	-	-	-	91.7	58.4	81.5/65.9	54.4/53.5	8.5	64	3	1/2	21.1/25	480/3	1350	1 2 3
RTU-C-1	YORK	YCP-43	5965/4115	1.5/1.0	5.0/1.64	2130/2180	5.0/6.1 3/2.8	1750	-	-	-	-	-	-	-	-	-	-	-	-	-	480/3	7400	3 5 6
RTU-C-2	YORK	D6CG036	940	1.0		1037	1.5/-	300	50	40	58.6/96.0	1	38.1	26.0	84.0/66.6	58.4/56.5	3.35	34	1	1/2	13.4/20	480/3	800	2 3 5
RTU-C-3	YORK	D6CG036	950	1.0		1039	1.5/-	300	50	40	55.5/94.5	1	38.2	26.0	83.7/66.7	58.3/56.5	3.35	34	1	1/2	13.4/20	480/3	900	2 3 5
RTU-C-4	YORK	D6CG036	1000	1.0		1046	1.5/0.7	300	50	40	56.9/93.8	1	38.4	27.5	83.5/66.0	58.5/56.2	3.35	34	1	1/2	13.4/20	480/3	800	2 3 5
RTU-C-5	YORK	D6CG090	3045	1.0		1220	2/2.08	470	163	130	61.9/100.9	2	87.5	85.0	85.0/68.3	60.1/58.7	8.84	64	2	1/2	21.9/25	480/3	1450	2 3 5
RTU-C-6	YORK	D6CG060	1500	1.0		1062	1.5/0.7	300	75	60	60.3/97.2	1	49.3	40.7	83.8/67.5	58.7/56.7	4.22	49.5	1	1/2	12.6/15	480/3	850	2 3 5
RTU-D-1	YORK	~~D6CG060~~ DCG 1?? (Revised 12-3-99)	2250	1.0		1051	2/1.5	740	163.0	130.0	50.3/104	2	91.4	65.5	84.1/69.6	59.1/57.8	8.61	64	2	1/2	21.9/25	480/3	1430	2 3 5
RTU-D-2	YORK	D3CG090	2250	1.0		1051	2/1.5	845	163.0	130.0	47.0/101	2	91.6	64.0	86.0/70.0	58.6/58.0	8.62	64	2	1/2	21.9/25	480/3	1430	2 3 5
RTU-D-3	YORK	D3CG120	3420	1.0		943	2/1.80	870	204.0	163.0	56.3/100	2	121.0	90.8	86.0/69.6	61.4/59.2	10.76	62	2	1/2	29/35	480/3	1500	2 3 5
RTU-D-4	YORK	D3CG120	3800	1.0		998	3/2.18	1360	204.0	163.0	48.2/88.0	2	126	88.3	84.4/70.1	62.6/60.5	10.88	70	2	3/4	29/40	480/3	1500	2 3 5
RTU-D-5	YORK	D3CG120	3800	1.0		998	3/2.18	1360	204.0	163.0	48.2/88.0	2	126	88.3	84.4/70.1	62.6/60.5	10.88	70	2	3/4	29/35	480/3	1500	2 3 5
RTU-D-6	YORK	D3CG090	2565	1.0		1117	2/1.55	775	163.0	130.0	52.5/99.4	2	94.4	69.3	85.4/69.8	60.3/58.7	8.7	64	2	1/2	21.9/25	480/3	1430	2 3 5
RTU-D-7	YORK	D3CG120	3360	1.0		963	3/1.63	645	204.0	163.0	55.0/102.4	2	121	97.0	85.0/69.7	60.7/58.5	10.78	64	2	1/2	29/35	480/3	1500	2 3 5
RTU-D-8	YORK	D1CG072	1900	1.0		1129	1.5/-	600	100.0	79.0	52.0/90.5	1	69.2	49.9	85.6/70.2	61.3/58.6	6.39	62	1	1/2	17.6/25	480/3	900	2 3 5
RTU-D-9	YORK	D1CG072	2080	1.0		1117	1.5/-	600	100.0	79.0	52.5/88.0	1	69.2	50.9	80.7/69.6	57.9/56.4	6.24	62	1	1/2	17.5/25	480/3	900	2 3 5
RTU-D-10	YORK	D6CG048	1200	0.8		1015	1.5/-	450	75.0	60.0	46.5/93.7	1	48.6	32.6	82.1/69.0	58.9/58.0	4.17	34	1	1/2	12.8/15	480/3	800	2 3 5
RTU-D-11	YORK	D3CG090	2250	1.0		1091	2/1.29	600	163.0	130.0	55.0/108.3	2	91.1	62.2	84.8/69.6	59.0/57.5	8.60	64	2	1/2	21.9/25	480/3	1430	2 3 5
RTU-D-12	YORK	D2CG165	6000	1.0		1030	5/4.21	3000	300	240	40.0/77.0	2	185	130	84.5/69.8	61.3/60.1	17.75	148/73	2	1	42.7/50	480/3	2500	2 3 5
RTU-D-13	YORK	D2CG180	4000	0.75		867	5/2.46	1360	300	240	52.5/101	2	171	121	81.5/67.5	56.4/55.7	16.93	148/77	2	1	42.7/50	480/3	2500	2 3 5
RTU-D-14	YORK	D2CG180	4000	0.75		867	5/2.46	1360	300	240	52.5/101	2	171	121	81.5/67.5	56.4/55.7	16.93	148/73	2	1	42.7/50	480/3	2500	2 3 5
RTU-E-1	YORK	D4CG150	4090	1		1033	3/2.50	830	204	163	52.9/89.6	2	142	106	83.0/67.4	58.5/56.3	13.48	70	2	3/4	32.3/45	480/3	1900	2 3 5
RTU-E-2	YORK	D3CG102	2940	0.75		1131	3/1.72	830	163	130	51.3/92.2	2	111	78.6	84.3/69.3	59.5/57.8	8.53	64	2	3/4	29.6/35	480/3	1500	2 3 5
EDT-#??	York	DC8024	1080	60 MBH Gas Heat																		98/2		
[illegible]	York	DC8036	1440	55 MBH Gas Heat (Revised 12-3-99)																		98/2		
EDT-[illegible]	York	DCG048	1645	75 MBH Gas Heat																		98/2		

NOTES:
1. HOT WATER COIL IN RETURN AIR DUCT REFER TO COIL SCHEDULE.
2. 2" THROW AWAY FILTERS IN UNIT 9.3 FT. AREA. MAXIMUM VELOCITY 350FPM.
3. SUPPLY FAN AND CONTROLS ON EMERGENCY POWER FEED. REFRIGERATION SECTION ON SEPARATE POWER FEED ON NORMAL POWER.
4. REFER TO UNIT ELEVATION FOR CASING SECTIONS AND CU-C1/A & B FOR REMOTE CONDENSING UNIT DATA.
5. GAS HEAT.
6. AIRFOIL SUPPLY AND RETURN FAN, 30% PRE-FILTER, 95% FINAL BSG FILTER, DIFFUSER SECTION, SOUND ATTENUATOR, DA COIL, MOTOR SPEED CONTROLLERS WITH MOTOR PROTECTION, BY-PASS SWITCH & DISCONNECT FOR SUPPLY & RETURN FANS. DISCHARGE SOUND POWER SUPPLY AT UNIT DISCHARGE 81,83,82,78,28,17.0,63 TO 8000HZ. RETURN CONNECTION SOUND POWER 89,82,71,67,65,61,56. REFER TO CC-1 FOR COIL COOLING CAPACITY.

SMOKE EXHAUST FAN SCHEDULE

PLAN MARK	MANUFACTURER & MODEL	LOCATION & SERVICE	AIR QTY CFM	APD IN. WC	SPEED RPM	DRIVE TYPE	MOTOR HP	MOTOR VOLT/PH	CURB MODEL	ROOF OPN'G SIZE	NOTES
SEF-A1	GREEN HECK RBU-3X36-50	BLK "A" - SMOKE EXH.	17,000	0.5	900	BELT	5	480/3	GPI W/GPE	40x40	1 2 3 4
SEF-A2	GREEN HECK RBU-3X36-50	BLK "A" - SMOKE EXH.	17,000	0.5	900	BELT	5	480/3	GPI W/GPE	40x40	1 2 3 4
SEF-A3	GREEN HECK RBU-3X36-50	BLK "A" - SMOKE EXH.	17,000	0.5	900	BELT	5	480/3	GPI W/GPE	40x40	1 2 3 4
SEF-A4	GREEN HECK RBU-3X36-50	BLK "A" - SMOKE EXH.	17,000	0.5	900	BELT	5	480/3	GPI W/GPE	40x40	1 2 3 4
SEF-A5	GREEN HECK RBU-3X24-10	BLK "A" - SMOKE EXH.	4300	0.5	1244	BELT	1	480/3	GPI W/GPE	28x28	1 2 3 4
SEF-B1	GREEN HECK RBU-2X24-10	BLK "B" - SMOKE EXH.	5,800	0.5	1300	BELT	1	480/3	GPI W/GPE	28x28	1 2 3 5
SEF-B2	GREEN HECK RBU-2X36-24	BLK "B" - SMOKE EXH.	13,000	0.5	1020	BELT	3	480/3	GPI W/GPE	28x28	1 2 3 5
SEF-B3	GREEN HECK RBU-2X24-10	BLK "B" - SMOKE EXH.	5,800	0.5	1390	BELT	1	480/3	GPI W/GPE	28x28	1 2 3 5
SEF-C1	GREEN HECK CUBE-140	BLK "C" - SMOKE EXH.	1230	0.5	1000	BELT	1/4	120/1	GPI W/GPE	19x19	1 2 3
SEF-C2	GREEN HECK CUBE-130	BLK "C" - SMOKE EXH.	850	0.5	1020	BELT	1/4	120/1	GPI W/GPE	15x15	1 2 3

1. REFER TO FAN DETAILS
2. FAN ON EMERGENCY POWER
3. CURB PROVIDED WITH ACCESS DOOR TO DAMPERS
4. UNIT WEIGHT 450 LBS.
5. UNIT WEIGHT 260 LBS.

CONDENSING UNIT SCHEDULE

PLAN MARK	MANUFACTURER & MODEL	LOCATION & SERVICE	TOTAL COOLING MBH	SAT. SUCT. TEMP.	COMP-RESSOR	AMBIENT AIR TEMP.	REFRIG.	ELECT. DATA SUPPLY FUSE	ELECT. DATA VOLTS / PH	COND. FANS NO.	COND. FANS HP	WEIGHT LBS.	NOTES
CU-A1	YORK HCE-150	BLK A MECH. RM. AHU-A-1	151.0	50°	1	95°	R-22	28.1/35	480/3	3	1/2	800	1 2
CU-A2	YORK HCE-150	BLK A MECH. RM. AHU-A-2	140.0	40°	-	95°	R-22	28.1/35	480/3	2	1/2	800	1 2
CU-C-1A	YORK HCE-120	BLK C MECH. RM. RTU-C-1	119.0	40°	1	95°	R-22	25.2/30	480/3	2	1/2	800	1 2
CU-C-1B	YORK HCE-120	BLK C MECH. RM. RTU-C-1	119.0	40°	1	95°	R-22	25.2/30	480/3	2	1/2	800	1 2

1. UNIT PROVIDED WITH APR CONTROL FOR REFRIGERANT MODULATION—SEE SPECIFICATIONS AND PIPING DETAIL.
2. MOUNT UNIT ON PRE-FABRICATED CURB AND NEOPRENE VIBRATION ISOLATION PADS.

SMOKE SYSTEM SUPPLY FAN SCHEDULE

PLAN MARK	MANUFACTURER & MODEL	LOCATION & SERVICE	AIR QTY CFM	APD IN. WC	SPEED RPM	DRIVE TYPE	MOTOR HP (WATTS)	MOTOR VOLTS / PH	CURB MODEL	ROOF OPN'G SIZE	NOTES
SF-A1	GREENHECK RBS-2X30-10	BLK "A" - SUPPLY AIR	5800	0.5	970	BELT	1	480/3	GPN WGPE	33x33	1 2 3 4
SF-A2	GREENHECK RBS-2X30-10	BLK "A" - SUPPLY AIR	5800	0.5	970	BELT	1	480/3	GPN WGPE	33x33	1 2 3 4
SF-A3	GREENHECK RBS-2X30-10	BLK "A" - SUPPLY AIR	5800	0.5	970	BELT	1	480/3	GPN WGPE	33x33	1 2 3 4
SF-A4	GREENHECK RBS-2X30-10	BLK "A" - SUPPLY AIR	5800	0.5	970	BELT	1	480/3	GPN WGPE	33x33	1 2 3 4
SF-A5	GREENHECK RBS-2X30-10	BLK "A" - SUPPLY AIR	5800	0.5	970	BELT	1	480/3	GPN WGPE	33x33	1 2 3 4
SF-A6	GREENHECK RBS-2X30-10	BLK "A" - SUPPLY AIR	5800	0.5	970	BELT	1	480/3	GPN WGPE	33x33	1 2 3 4
SF-A7	GREENHECK RBS-2X30-10	BLK "A" - SUPPLY AIR	5800	0.5	970	BELT	1	480/3	GPN WGPE	33x33	1 2 3 4
SF-A8	GREENHECK RBS-2X30-10	BLK "A" - SUPPLY AIR	5800	0.5	970	BELT	1	480/3	GPN WGPE	33x33	1 2 3 4
SF-B1	GREENHECK RBS-2X30-10	BLK "B" - SUPPLY AIR	5000	0.5	930	BELT	1	480/3	GPN WGPE		1 2 3 4
SF-B2	GREENHECK RBS-2X30-10	BLK "B" - SUPPLY AIR	5000	0.5	930	BELT	1	480/3	GPN WGPE		1 2 3 4
SF-B3	GREENHECK RBS-2X30-10	BLK "B" - SUPPLY AIR	5000	0.5	930	BELT	1	480/3	GPN WGPE		1 2 3 4
SF-B4	GREENHECK RBS-2X30-10	BLK "B" - SUPPLY AIR	5000	0.5	930	BELT	1	480/3	GPN WGPE		1 2 3 4

1. REFER TO FAN DETAILS
2. FAN ON EMERGENCY POWER
3. CURB PROVIDED WITH ACCESS DOOR TO DAMPERS.
4. UNIT WEIGHT 330 LBS.

EXHAUST FAN SCHEDULE

PLAN MARK	MANUFACTURER & MODEL	LOCATION & SERVICE	AIR QTY CFM	APD IN. WC	SPEED RPM	DRIVE TYPE	MOTOR HP	MOTOR VOLTS / PH	ROOF OPN'G	CONTROL
EF-A1	GREENHECK GB-90	BLOCK "A" PIPE CHASE	300	0.5	1200	BELT	1/4	120/1	13x13	1 2
EF-A2	GREENHECK GB-90	BLOCK "A" PIPE CHASE	300	0.5	1200	BELT	1/4	120/1	13x13	1 2
EF-A3	GREENHECK GB-100	BLOCK "A" SHOWERS	850	0.5	1350	BELT	1/4	120/1	15x15	1
EF-A4	GREENHECK GB-90	BLOCK "A" PIPE CHASE	300	0.5	1200	BELT	1/4	120/1	13x13	1 2
EF-A5	GREENHECK GB-90	BLOCK "A" PIPE CHASE	300	0.5	1200	BELT	1/4	120/1	13x13	1 2
EF-A6	GREENHECK GB-90	BLOCK "A" PIPE CHASE	300	0.5	1200	BELT	1/4	120/1	13x13	1 2
EF-A7	GREENHECK GB-90	BLOCK "A" PIPE CHASE	300	0.5	1200	BELT	1/4	120/1	13x13	1 2
EF-A8	GREENHECK GB-100	BLOCK "A" SHOWERS	850	0.5	1350	BELT	1/4	120/1	15x15	1
EF-A9	GREENHECK GB-90	BLOCK "A" PIPE CHASE	300	0.5	1200	BELT	1/4	120/1	13x13	1 2
EF-A10	GREENHECK GB-90	BLOCK "A" PIPE CHASE	300	0.5	1200	BELT	1/4	120/1	13x13	1 2
EF-A11	GREENHECK GB-70	BLOCK "A" W/W TOILET	150	0.5	810	BELT	1/4	120/1	13x13	1
EF-B1	GREENHECK GB-70	BLOCK "B" PIPE CHASE	100	0.5	1170	BELT	1/4	120/1	13x13	1 2
EF-B2	GREENHECK GB-70	BLOCK "B" SHOWERS	100	0.375	990	BELT	1/4	120/1	13x13	1
EF-B3	GREENHECK GB-70	BLOCK "B" SHOWERS	100	0.375	990	BELT	1/4	120/1	13x13	1
EF-B4	GREENHECK GB-80	BLOCK "B" SHOWERS	400	0.5	1280	BELT	1/4	120/1	15x15	1 2
EF-B5	GREENHECK GB-70	BLOCK "B" SHOWERS	100	0.375	990	BELT	1/4	120/1	13x13	1
EF-B6	GREENHECK GB-70	BLOCK "B" SHOWERS	100	0.375	990	BELT	1/4	120/1	13x13	1
EF-B7	GREENHECK GB-70	BLOCK "B" SHOWERS	100	0.375	990	BELT	1/4	120/1	13x13	1
EF-B8	GREENHECK GB-70	BLOCK "B" SHOWERS	100	0.375	990	BELT	1/4	120/1	13x13	1
EF-B9	GREENHECK GB-70	BLOCK "B" PIPE CHASE	100	0.5	1170	BELT	1/4	120/1	13x13	1 2
EF-B10	GREENHECK GB-70	BLOCK "B" TOILETS	100	0.375	1000	BELT	1/4	120/1	13x13	1
EF-C1	GREENHECK GB-70	BLOCK "C" TOILET C161	200	0.5	1410	BELT	1/4	120/1	13x13	1
EF-C2	GREENHECK GB-100	BLOCK "C" QUARANTINE	780	0.5	1200	BELT	1/4	120/1	15x15	1
EF-C3	GREENHECK GB-80	BLOCK "C" TOILETS	310	0.5	1000	BELT	1/4	120/1	13x13	1
EF-C4	GREENHECK GB-70	BLOCK "C" BATH	225	0.5	1470	BELT	1/4	120/1	13x13	1
EF-C5	GREENHECK GB-70	BLOCK "C" CELLS	220	0.5	1470	BELT	1/4	120/1	13x13	1
EF-C6	GREENHECK GB-160	BLOCK "C" SHOWERS	1430	0.375	750	BELT	1/4	120/1	19x19	1
EF-D1	GREENHECK GB-120	D191, D192, D193, D194	1150	0.5	----	BELT	1/4	120/1	15x15	1
EF-D2	GREENHECK GB-70	D186 SEARCH	85	0.5	----	BELT	1/4	120/1	13x13	1
EF-D3	GREENHECK GB-70	D111, D113	150	0.5	----	BELT	1/4	120/1	13x13	1
EF-D4	GREENHECK GB-80	D103, D104	220	0.5	----	BELT	1/4	120/1	13x13	1
EF-D5	GREENHECK GB-90	D140, D141, D142	560	0.5	----	BELT	1/4	120/1	13x13	1
EF-D6	GREENHECK GB-90	D117 HAIRCARE	300	0.375	----	BELT	1/4	120/1	13x13	1
EF-D7	GREENHECK GB-120	D128 DISH WASHING	1200	0.5	----	BELT	1/4	120/1	15x15	1
EF-D8	GREENHECK GB-70	D150,D151 TOILETS	140	0.5	----	BELT	1/4	120/1	13x13	1
EF-D9	GREENHECK GB-90	D108 SEARCH/SHOWER	210	0.5	----	BELT	1/4	120/1	13x13	1
EF-D10	GREENHECK CUBE 300HP	KITCHEN HOOD	6500	1.5	885	BELT	5/3.0	480/3	32.5x32.5	
EF-D11	GREENHECK CUBE 200HP	KITCHEN HOOD	4000	1.5	1380	BELT	3/2.1	480/3	20.5x20.5	
EF-E1	GREENHECK GB-90	E104, E105 TOILETS	300	0.5	----	BELT	1/4	120/1	13x13	1
EF-E2	GREENHECK GB-70		160	0.5	----	BELT	1/4	120/1	13x13	1
EF-E3	BROAN-RANGE HOOD	E115 KITCHEN	160	0.5	----	DIRECT	1/4	120/1	13x12	
EF-F1	GREENHECK GB-160	F107 SHOP	2200	0.375	----	BELT	1/4	120/1	19x19	1
EF-F2	GREENHECK BCF-108	F102, F103, F104	210	0.5	1385	BELT	1/4	120/1	13x13	1
EF-G1	GREENHECK SP-7	G103 TOILET	85	0.375	850	DIRECT	FRAC	120/1	SPEED CONT. OR WALL SWITCH SC-4	

1. MANUAL MOTOR STARTER AND DISCONNECT SWITCH IN NEMA 3R ENCLOSURE MOUNTED ON FAN—FAN AUTO RESTART ON RESTORATION OF POWER FOLLOWING A POWER FAILURE.
2. COMBINATION MOTOR STARTER/DISCONNECT IN NEMA 3R ENCLOSURE WITH AUXILIARY CONTACTS FOR FAN AUTO RESTART FROM BAS SYSTEM PROGRAM RESTART AND OCCUPIED/UNOCCUPIED SCHEDULE.
3. UNIT [illegible] IN FAN CURB.

VARIABLE VOLUME TERMINAL WITH REHEAT SCHEDULE

PLAN MARK	MANUFACTURER & MODEL	LOCATION	AIR MAX. CFM	AIR MIN. CFM	AIR MAX. APD IN. WC	REHEAT COIL MIN. TH MBH	GPM	EAT °F	LAT °F	EWT °F	WPD FT. HD.	MAX. NC [1]	INLET SIZE IN. DIA	NOTES
VRH-C1	E.H. PRICE SDV-8	DAY C158	350	180	0.2	12.2	1.0	57.0	120	180	5.0	22	8"Ø	
VRH-C2	E.H. PRICE SDV-12	DORM C157	870	400	0.2	27.2	2.0	57.0	120	180	5.0	20	12"Ø	
VRH-C3	E.H. PRICE SDV-9	STAFF C159	330	250	0.2	15.6	1.0	57.0	115	180	5.0	20	9"Ø	
VRH-C4	E.H. PRICE SDV-7	SCRUB C156	235	0	0.2	-	-	-	-	-	-	20	7"Ø	
VRH-C5	E.H. PRICE SDV-8	QUAR. C154	330	330	0.2	11.6	1.0	57.0	90	180	5.0	20	8"Ø	
VRH-C6	E.H. PRICE SDV-8	ANTE C155	270	270	0.2	8.2	0.5	57.0	85	180	5.0	20	8"Ø	
VRH-C7	E.H. PRICE SDV-8	QUAR. C153	330	330	0.2	11.6	1.0	57.0	90	180	5.0	20	8"Ø	
VRH-C8	E.H. PRICE SDV-12	WK. C138	795	350	0.2	16.3	1.0	57.0	100	180	5.0	22	12"Ø	
VRH-C9	E.H. PRICE SDV-9	SUPV. C135	435	200	0.2	13.6	1.0	57.0	120	180	5.0	20	9"Ø	
VRH-C10	E.H. PRICE SDV-10	MED. C131	631	450	0.2	20.9	2.0	57.0	120	180	5.0	20	10"Ø	
VRH-C11	E.H. PRICE SDV-9	EXAM C147	440	250	0.2	17.0	1.0	57.0	120	180	5.0	20	9"Ø	
VRH-C12	E.H. PRICE SDV-10	NURSE C140	645	300	0.2	17.1	1.0	57.0	110	180	5.0	22	10"Ø	

1. MAXIMUM DISCHARGE AND RADIATED SOUND AT 1-0 INLET S.P.

HOT WATER COIL SCHEDULE

PLAN MARK	LOCATION & SERVICE	MIN. TH MBH	AIR QTY CFM	APD IN. WC	EAT/LAT °F	WTR QTY GPM	WPD FT. HD.	EWT/LWT	FACE VEL. FPM	COIL SIZE	CONTROL VALVE	NOTES
HWC-A1	BLK "A" RTU-A-1	53.6	1800	0.11	75/107.6	3.5	6.0	180/150	514	28x18	2 WAY	
HWC-A2	BLK "A" RTU-A-2	104.8	3080	0.10	75/106.5	7.0	6.0	180/150	493	30x30	2 WAY	
HWC-A3	BLK "A" RTU-A-3	104.8	3080	0.10	75/106.5	7.0	6.0	180/150	493	30x30	2 WAY	
HWC-A4	BLK "A" RTU-A-4	53.6	1800	0.10	75/102.6	3.5	6.0	180/150	514	28x18	2 WAY	
HWC-A5	BLK "A" RTU-A-5	53.6	1800	0.10	75/102.6	3.5	6.0	180/150	514	28x18	2 WAY	
HWC-A6	BLK "A" RTU-A-6	104.8	2080	0.10	75/106.5	7.0	6.0	180/150	493	30x30	2 WAY	
HWC-A7	BLK "A" RTU-A-7	104.8	3080	0.10	75/102.6	7.0	6.0	180/150	493	30x30	2 WAY	
HWC-A8	BLK "A" RTU-A-8	53.6	1800	0.10	75/102.6	3.5	6.0	180/155	514	28x18	2 WAY	
HWC-A9	BLK "A" RTU-A-9	85.3	2600	0.10	75/85.0	6.0	6.0	180/150	500	35x32	2 WAY	
HWC-A10	BLK "A" AHU-A-1	109.7	4560	0.10	60.4/81.8	7.5	6.0	180/150	500	-	3 WAY	1
HWC-A11	BLK "A" AHU-A-2	109.7	4560	0.10	60.4/81.8	7.5	6.0	180/150	500	-	3 WAY	1
HWC-A12	BLK "A" CORR. A1148	25.7	1350	0.10	75.0/89.0	2.0	6.0	180/150	500	24x20	2 WAY	
HWC-B1	BLK "B" RTU-B-1	44.3	1820	0.10	75/99.4	3.0	6.0	180/150	490	27x21	2 WAY	
HWC-B2	BLK "B" RTU-B-2	44.3	1820	0.10	75/98.4	3.0	6.0	180/150	490	27x21	2 WAY	
HWC-B3	BLK "B" RTU-B-3	53.6	2250	0.10	58/80	3.5	6.0	180/150	514	30x21	2 WAY	
HWC-B4	BLK "B" RTU-B-4	34.4	2380	0.10	56.5/82	2.5	6.0	180/150	519	30x21	2 WAY	
HWC-B5	BLK "B" STOR. B228	17.8	750	0.10	60/82	1.3	6.0	180/150	500	18x12	2 WAY	
HWC-B6	BLK "B" MOR. B137	4.1	180	0.10	60/90	0.5	6.0	180/150	500	9x8	2 WAY	
HWC-B7	BLK "B" CONF. B132	7.1	330	0.10	60/80	0.5	6.0	180/150	440	12x9	2 WAY	
~~HWC-D1~~	~~BLK "D" CORR. D103~~	~~[illegible]~~										
HWC-D2	BLK "D" SEARCH D-108	14.0	370	0.10	60/95	1.0	6.0	180/150	320	12x8	2 WAY	
HWC-D3	BLK "D" OFF. D102	4.7	120	0.10	60/95	0.5	6.0	180/150	322	9x8	2 WAY	
~~HWC-D4~~	~~BLK "D" [illegible]~~											
HWC-D5	BLK "D" DALLY D1100	11.3	150	0.10	70/140	1.0	6.0	180/150	400	9x8	2 WAY	

Delete → Revised 12-3-99

1. AIR HANDLING UNIT MANUF. COIL SIZE

DX COOLING COIL SCHEDULE

PLAN MARK	SERVICE	TOTAL COOLING MBH	SENSIBLE COOLING MBH	AIR QTY CFM	FACE VEL. FPM	EAT DB °F	EAT WB °F	LAT DB °F	LAT WB °F	APD IN. WC	RST	NOTES
DC-A1	AHU-A1	150.6	107.4	4560	512	78.7	69.3	54.8	53.7	0.63	45	R-22
DC-A2	AHU-A2	150.6	107.4	4560	513	78.7	69.3	54.8	53.7	0.63	45	R-22
DC-C1	RTU-C1	222.4	164.7	5965	520	81.2	66.7	54.2	53.1	0.80	45	[1] R-22

1. DX COIL FACE OR ROWS EQUALLY SPLIT FOR 2 CONDENSING UNITS.

AIR HANDLING UNIT SCHEDULE

PLAN MARK	MANUFACTURER AND MODEL NUMBER	LOCATION & SERVICE	WHEEL NO	WHEEL SIZE	WHEEL TYPE	AIR QTY CFM	EXT S.P. IN. WC	TOTAL S.P. IN. WC	SPEED RPM	MOTOR HP/BHP	MOTOR VOLTS/PH	MIN. OA CFM	NOTES
AHU-A1	YORK AP-120	BLK A MECH RM.	1	15	FC	4560	1.5	2.8	1210	5/3.6	480/3	900	1
AHU-A2	YORK AP-120	BLK A MECH RM.	1	15	FC	4560	1.5	2.8	1210	5/3.6	480/3	900	1

1. FACTORY-MOUNTED COMBINATION MOTOR STARTER/DISCONNECT WITH AUXILIARY CONTACTS SHIPPED WITH UNIT.

VENTILATION FAN SCHEDULE

PLAN MARK	MANUFACTURER & MODEL	LOCATION & SERVICE	AIR QTY CFM	APD IN. WC	SPEED RPM	DRIVE TYPE	MOTOR HP (WATTS)	MOTOR VOLTS / PH	CURB MODEL	NOTES
VF-D1	GREENHECK RSC-2420-3	BLK "D" ELECT. RM.	2000	0.375	1120	BELT	1/3	120/1	GPN W/GPE	1 2 3 4
VF-D2	GREENHECK RSC-2424-3	BLK "D" MECH RM.	3500	0.375	1100	BELT	1/2	480/3	GPN W/GPE	1 2 3 4

1. PROVIDE MOTOR STARTER W/ DISCONNECT SWITCH AND AUXILIARY OUTLET.
2. CURB EXTENSION W/ MOTORIZED DAMPERS AND ACCESS DOOR. OPEN DAMPER WHEN FAN STARTS.
3. PROVIDE FILTERS IN ROOF INTAKES ALUMINUM WASHABLE.
4. START FAN FROM ROOM THERMOSTAT.

CONVECTOR SCHEDULE

PLAN MARK	MANUFACTURER & MODEL	LOCATION	ENCLOSURE TYPE	ENCLOSURE HT.	CAP. MBH	GPM	AWT °F	EAT °F	NOTES
C-A1	SHAW PERKINS MODEL I	BLOCK "A"	25	25	2.9	2.0	170	65	1 2 3
C-A2	SHAW PERKINS MODEL I	BLOCK "A"	105	25	11.9	2.0	170	65	1 2 3
C-A3	SHAW PERKINS MODEL I	BLOCK "A"	33	25	3.9	2.0	170	65	1 2 3
C-B1	SHAW PERKINS MODEL I	BLOCK "B"	99	25	11.4	1.0	170	65	1 2 3
C-B2	SHAW PERKINS MODEL I	BLOCK "B"	99	25	11.4	1.0	170	65	1 2 3
C-C1	SHAW PERKINS MODEL I	BLOCK "C"	99	25	11.4	1.0	170	65	1 2 3

1. PROVIDE BLANK ACCESS SECTIONS BETWEEN ACTIVE ELEMENTS TO CONCEAL VALVES AND CONNECT ADJACENT SECTIONS.
2. SELF-CONTAINED CONTROL VALVE IN ENCLOSURE. SEE PIPING DETAIL.
3. C-1/C-2,&C-3 ARE CONNECTED ELEMENT SECTIONS.

SYMBOLS

- CW — COLD WATER MAKE-UP
- CHS — CHILLED WATER SUPPLY
- CHR — CHILLED WATER RETURN
- D — CONDENSATE DRAIN
- DTS — DUAL TEMPERATURE SUPPLY
- DTR — DUAL TEMPERATURE RETURN
- HWS — HOT WATER SUPPLY
- HWR — HOT WATER RETURN
- VENT
- CHECK VALVE
- STRAINER
- BALL VALVE OR BUTTERFLY VALVE
- UNION
- SHUTOFF VALVE
- NORMALLY OPEN VALVE
- NORMALLY CLOSED VALVE
- GLOBE VALVE
- BALANCING VALVE (WITH FLOW SENSING)
- GAUGE COCK
- CONCENTRIC REDUCER
- ECCENTRIC REDUCER
- PRESSURE/TEMPERATURE TEST PLUG
- TWO WAY CONTROL VALVE
- PRESSURE REGULATING VALVE
- THREE-WAY CONTROL VALVE
- PRESSURE GAUGE
- MANUAL AIR VENT
- THERMOMETER
- SAFETY RELIEF VALVE
- DIRECTION OF FLOW
- FLOW MEASURING DEVICE LOCATION
- RA OR EA GRILL OR REGISTER
- SA GRILLE OR REGISTER OR DIFFUSER
- EQUIPMENT DESIGNATOR (FOR ALL EQUIPMENT)
- FLOW MEASURING DEVICE DESIGNATOR
- FLOOR DRAIN
- SECTION / SHEET SECTION DRAWN / SHEET SECTION TAKEN
- DETAIL NUMBER / SHEET DETAIL DRAWN
- KEY NOTES
- THERMOSTAT
- NIGHT SET BACK THERMOSTAT
- ROUND DUCT 8" & OVER
- ROUND DUCT 8" & LESS
- LINED DUCT
- REHEAT COIL
- COIL
- BALANCING DAMPER
- FIRE DAMPER
- SMOKE DAMPER
- MOTORIZED DAMPER
- FLEX DUCT CONNECTION
- DUCT RISE
- DUCT DROP
- SUPPLY AIR DUCT SECTION
- RETURN OR EXHAUST AIR DUCT SECTION
- ROUND DUCT
- FLAT OVAL DUCT
- ROUND DUCT 8" & LESS
- EXISTING PIPE OR DUCTWORK TO BE ABANDONED IN PLACE OR REMOVED AS REQUIRED BY KEYED NOTES

ABBREVIATIONS

- AAV AUTOMATIC AIR VENT
- AD ACCESS DOOR
- AFF ABOVE FINISHED FLOOR
- AHU AIR HANDLING UNIT
- AMB AMBIENT
- APD AIR PRESSURE DROP
- AT AIR TERMINAL
- AWT AVERAGE WATER TEMPERATURE
- ACC AUTOMATIC CONTROL CONTRACT
- B BOILER
- BP BY-PASS BOX
- CAP CAPACITY
- CC COOLING COIL
- CCU COMPRESSOR CONDENSING UNIT
- CFM CUBIC FEET PER MINUTE
- CH CHILLER
- CO CLEAN OUT
- CP CONDENSATE PUMP
- CT COOLING TOWER
- CU CONDENSING UNIT
- CUH CABINET UNIT HEATER
- CVR CONVECTOR
- DB DRY BULB
- DIA DIAMETER
- DN DOWN
- DX DIRECT EXPANSION
- EA EXHAUST AIR
- EAT ENTERING AIR TEMPERATURE
- EC ELECTRICAL CONTRACTOR
- EF EXHAUST FAN
- EFF EFFICIENCY
- ET EXPANSION TANK
- EWT ENTERING WATER TEMPERATURE
- EX EXISTING
- F FILTER
- FD FIRE DAMPER
- FC FLEXIBLE CONNECTION
- FCU FAN COIL UNIT
- FMD FLOW MEASURING DEVICE
- FPM FEET PER MINUTE
- FPS FEET PER SECOND
- FT FAN TERMINAL
- GC GENERAL CONTRACTOR
- GPM GALLONS PER MINUTE
- GRV GRAVITY ROOF VENTILATOR
- H HUMIDIFIER
- HC HEATING COIL
- HD HEAD
- HP HORSEPOWER
- HT HEIGHT
- HX HEAT EXCHANGER
- INC INCREMENTAL UNIT
- IND INDUCTION UNIT
- L LENGTH
- LAT LEAVING AIR TEMPERATURE
- LF LINEAR FEET
- LVR LOUVER
- LWT LEAVING WATER TEMPERATURE
- MD MOTOR DAMPER
- MAV MANUAL AIR VENT
- MAX MAXIMUM
- MBH BTU (1000'S)
- MC MECHANICAL CONTRACTOR
- MD MANUAL DAMPER
- MFR MANUFACTURER
- MIN MINIMUM
- P PUMP
- NIC NOT IN CONTRACT
- NTS NOT TO SCALE
- OA OUTSIDE AIR
- OAI OUTSIDE AIR INTAKE
- OV OUTLET VELOCITY
- PC PLUMBING CONTRACTOR
- PRESS PRESSURE
- PRV PRESSURE REDUCING VALVE
- PSIG POUNDS PER SQUARE INCH GA.
- RA RETURN AIR
- RF RETURN FAN
- RH REHEAT
- RPM REVOLUTIONS PER MINUTE
- RTU ROOF TOP UNIT
- RV RELIEF VALVE
- SD SMOKE DAMPER
- SA SUPPLY AIR
- SF SUPPLY FAN
- SC SENSIBLE COOLING
- SHT SHEET
- SP STATIC PRESSURE
- ST SOUND TRAP
- STM STEAM
- TEMP TEMPERATURE
- TH TOTAL HEAT
- TC TOTAL COOLING
- UH UNIT HEATER
- VAV VARIABLE AIR VOLUME
- VEL VELOCITY
- VTR VENT THROUGH ROOF
- WAC WINDOW AIR CONDITIONER
- WB WET BULB
- WC WATER COLUMN
- WSHP WATER SOURCE HEAT PUMP
- WPD WATER PRESSURE DROP
- W WATER

KEY PLAN

REVISIONS No. DATE DESCRIPTION

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A NEW
CORRECTIONAL FACILITY FOR WOMEN
WEST VIRGINIA REGIONAL JAIL AND CORRECTIONAL FACILITY AUTHORITY
LAKIN, WEST VIRGINIA

CONSTRUCTION DOCUMENTS

EQUIPMENT SCHEDULES AND LEGENDS

DRAWN TB | CHECKED GE | DATE OCTOBER 1, 1999 | COMM. NO. 9627

M4.01