

**AIR HANDLER SCHEDULE**

AH #	MANUFACTURER	MODEL	SUPPLY FAN							RETURN FAN		ELECTRICAL			COOLING COIL							HEATING COIL					WEIGHT	NOTES					
			CFM	OSA	ESP	RPM	BHP	HP	TYPE	HP	TYPE	CIRCUIT #1 V/ø/MCA/MOP	CIRCUIT #2 V/ø/MCA/MOP	CIRCUIT #3 V/ø/MCA/MOP	EDB	EWB	LDB	FV	SENS	TOTAL	EWT	LWT	GPM	PD-FT	EAT	LAT			TOTAL	EWT	LWT	GPM	PD-FT
01	YORK	XTO-9696	25,000	16,250	2.5	831	20.21	25	PLUG	10	PLUG	460/3/48/80	460/3/20/30	120/1/20	99.3	65.6	51	504	1,165.0	1,167.0	42	57	160	4.3	43	88	1,202.0	180	140	62	0.7	12,900	2,3,4,5,7,8,9,10,11,12,13,15
02	YORK	XTO-9696	25,000	16,250	2.5	831	20.21	25	PLUG	10	PLUG	460/3/48/80	460/3/20/30	120/1/20	99.3	65.6	51	504	1,165.0	1,167.0	42	57	160	4.3	43	88	1,202.0	180	140	62	0.7	12,900	2,3,4,5,7,8,9,10,11,12,13,15
03	YORK	XTO-78138	30,000	9,150	2.5	938	30.03	40	PLUG	15	PLUG	460/3/74/125	460/3/29/50	120/1/20	87.9	63.1	53	450	982.0	1,014.0	42	57	138	4.9	60	86	1,229.0	180	140	63	1.5	14,400	2,3,4,6,7,8,9,10,11,12,13,14
04	YORK	XTO-69108	19,000	7,650	2.5	1409	16.08	20	PLUG	7.5	PLUG	460/3/39/60	460/3/15/25	120/1/20	89.0	64.4	55	496	640.0	671.0	42	57	99	4.8	55	83	814.0	180	140	42	0.9	9,900	2,3,4,6,7,8,9,10,11,12,13,14
05	YORK	XTO-69108	19,000	6,850	2.5	1407	16.01	25	PLUG	15	PLUG	460/3/48/80	460/3/29/50	120/1/20	89.9	63.8	55	496	663.0	673.0	42	57	84	3.9	57	84	797.0	180	140	41	5.5	10,100	2,3,4,6,7,8,9,10,11,12,13,14
06	YORK	XTO-5190	11,700	1,550	2.5	1592	5.44	15	PLUG	7.5	PLUG	460/3/29/50	460/3/15/25	120/1/20	85.6	62.9	55	508	345.0	347.0	42	58	43	1.3	60	98	453.0	180	140	24	0.4	7,276	2,3,4,6,7,8,9,10,11,12,13,14
07	DRY-O-TRON	RS-162	32,000	4,310	1.0			25	BI	25	FC	460/3/134/150	N/A	N/A	86.0	70.0			585.8	584.8	N/A	N/A	N/A	N/A			768.0	180	167	119	2.6	22,000	
08	YORK	XTO-63117	19,300	7,350	2.5	1821	13.46	20	PLUG	15	PLUG	460/3/39/60	460/3/29/50	120/1/20	57.1	63.5	56	504	592.6	606.0	42	58	75	3.3	60	99	780.0	180	140	40	1.0	10,083	2,3,4,6,7,8,9,10,11,12,13,14

NOTES: 1) CONSTANT VOLUME  
2) VARIABLE VOLUME WITH VFD  
3) 100% OSA MIXING BOX  
4) 4" FILTERS W/FILTER GAUGE  
5) SIDE DISCHARGE PLUG FAN  
6) TOP DISCHARGE AIRFOIL  
7) 2" DOUBLE WALL CONSTRUCTION, SOLID LINER AT FILTER AND COIL SECTIONS, PERF LINER AT MIXING BOX AND FAN SECTIONS.  
8) PREMIUM MOTOR.  
9) PROVIDE SERVICE ACCESS DOORS AND LIGHTED FAN SECTION WITH VIEW PORT.  
10) SLOPED STAINLESS STEEL CONDENSATE PAN.  
11) INTERNAL 2" SPRING FAN ISOLATION.  
12) PROVIDE 1-1/4" CONDENSATE DRAIN WITH DEEP SEAL P-TRAP.  
13) PROVIDE 1" CONDENSATE DRAIN WITH DEEP SEAL P-TRAP.  
14) BOTTOM RETURN, END OA INTAKE.  
15) TOP OA INTAKE, END RETURN.  
16) TOP RETURN, END OA INTAKE.

ALTERNATES  
1). TRANE  
2). TEMTROL  
3). GOVERNAIR

**CHILLER SCHEDULE**

CH #	MANUFACTURER	MODEL	NOMINAL TONS	CAPACITY TONS	EER	EVAPORATOR				ELECTRICAL	WEIGHT	NOTES
						EWT	LWT	GPM	PD-FT			
01	TRANE	RTAC	300	256	9.6	58	42	450	10.0	460/3/587/700	21,100	1,2,3,4,5,6,7
02	TRANE	RTAC	300	256	9.6	58	42	450	10.0	460/3/587/700	21,100	1,2,3,4,5,6,7

NOTES: 1) WYE DELTA STARTER  
2) DUAL ROTARY SCREW COMPRESSOR  
3) FLOW SWITCH  
4) FACTORY CHARGED WITH HFC-134A  
5) BUILDING AUTOMATION SYSTEM INTERFACE  
6) CHILLED WATER RESET  
7) 115F AMB

ALTERNATES  
1). YORK  
2). CARRIER

**FAN COIL SCHEDULE**

FC #	MANUFACTURER	MODEL	CFM	ESP IN. WG	COOLING COIL				HEATING COIL				ELECTRICAL	WT.	NOTES	
					EDB	EWB	SENS.	TOTAL	GPM	PD-FT	MBH	GPM				PD-FT
01	ENVIRO-TEC	CDH-12	1,200	0.3	80	64	21.4	27.2	3.4	1.8	26.2	2.5	2.6	277/1/0.5	130	1,2,3,4,5,6

NOTES: 1) STAINLESS STEEL DRAIN PAN.  
2) 1/2" OD 4 ROW COOLING ONLY COIL.  
3) 2" FILTERS.  
4) DOUBLE DEFLECTION DISCHARGE GRILLE.  
5) T-STAT  
6) PROVIDE LINE SIZE SHUT-OFF VALVE.

ALTERNATES  
1). YORK  
2). McQUAY  
3). TRANE

**BOILER SCHEDULE**

B #	MANUFACTURER	MODEL	INPUT MBH	OUTPUT MBH	ELECTRICAL	NOTES
01	RBI	2800	2,800.0	2,240.0	120/1/3.5	1,2,3,4,5,6,7,8,9
02	RBI	2800	2,800.0	2,240.0	120/1/3.5	1,2,3,4,5,6,7,8,9

NOTES: 1) OUTDOOR UNIT WITH FLUE CAP  
2) FLOW SWITCH  
3) LOW WATER CUT OFF  
4) TWO STAGE GAS VALVE  
5) FAILURE ALARM CONTACTS  
6) HOT SURFACE IGNITION  
7) STAINLESS STEEL BURNERS  
8) TEMPERATURE AND PRESSURE GAUGE  
9) PRESSURE RELIEF VALVE

ALTERNATE  
1). BRYAN  
2). AJAX  
3).

**REMOTE AIR COOLED CONDENSING UNIT SCHEDULE**

CU #	MANUFACTURER	MODEL	TOTAL CFM	OSA CFM	ESP IN. WG	MOTOR HP	COOLING			ELECTRICAL	APPROX. WT.	NOTES
							TOTAL	SENS	EDB/EWB/AMB			
01	DRY-O-TRON	CID119	--	--	--	(8)1.5	584.8	584.8	-/-/115	460/3/24.8/25	3129	

NOTES:

**ROOFTOP UNIT SCHEDULE**

RTU #	MANUFACTURER	RTU 48HJD	EER	TOTAL CFM	OSA CFM	ESP IN. WG	SUPPLY MOTOR HP	COOLING		AIR		HEATING		ELECTRICAL	APPROX. WT.	NOTES
								TOT	SEN	EDB/EWB/AMB	INPUT	OUTPUT	V/ø/MCA/MOCP			
01	CARRIER	014	9.6	5,250	2,535	0.65	5	189.82	167.94	76.4/62.3/112	62	720	460/3/39.3/50	1750	1-5	

NOTES: 1) 2" PLEATED FILTERS  
2) DOWN FLOW WITH 14" ROOFCURB  
3) FIVE YEAR COMPRESSOR WARRANTY  
4) 24V TWO STAGE T-STAT.  
5) SMOKE DETECTORS IN THE SUPPLY AND THE RETURN

**ELECTRIC UNIT HEATER SCHEDULE**

EUH #	MANUFAC.	MODEL	KW	CFM	SERVICE	ELECTRICAL		WT.	NOTES
						VOLTS/ø/KW/AMPS			
01	REZNOR	EUH-3	3.0	450	FIRE RISER ROOM	460/3/3/5.5	36	1,2	
02	REZNOR	EUH-3	3.0	450	FIRE RISER ROOM	460/3/3/5.5	36	1,2	

NOTES: 1) 24V T-STAT  
2) WALL BRACKET

**VARIABLE FREQUENCY DRIVE SCHEDULE**

VFD #	MANUFACTURER	MODEL	HP	SERVICE	ELECTRICAL	NOTES
AH1	ABB	ACH 500	25	VAV	460/3	1, 2, 3, 4
AH2	ABB	ACH 500	25	VAV	460/3	1, 2, 3, 4
AH3	ABB	ACH 500	40	VAV	460/3	1, 2, 3, 4
AH4	ABB	ACH 500	20	VAV	460/3	1, 2, 3, 4
AH5	ABB	ACH 500	25	VAV	460/3	1, 2, 3, 4
AH6	ABB	ACH 500	15	VAV	460/3	1, 2, 3, 4
AH7	ABB	ACH 500	25	VAV	460/3	1, 2, 3, 4
AH8	ABB	ACH 500	20	VAV	460/3	1, 2, 3, 4
P1	ABB	ACH 500	20	PUMPING	460/3	1, 2, 3, 4
P2	ABB	ACH 500	20	PUMPING	460/3	1, 2, 3, 4
P5	ABB	ACH 500	7.5	PUMPING	460/3	1, 2, 3, 4
P6	ABB	ACH 500	7.5	PUMPING	460/3	1, 2, 3, 4

NOTES: 1) JOHNSON METASYS COMPATIBLE - N2 COMMUNICATION  
2) PLAIN ENGLISH ALARM AND PROGRAMMING  
3) DC LINE REACTORS  
4) NEMA ONE ENCLOSURE

ALTERNATES  
1). FUJI  
2). DANFOSS  
3).

**EXHAUST FAN SCHEDULE**

EF #	MANUFACTURER	MODEL	CFM	ESP IN. WG	SONES	TYPE	SERVICE	ELECTRICAL	WT.	NOTES
01	COOK	165	2,300	0.65		ROOF		120/1/0.5	150	1,3
02	COOK	135	1,100	0.65		ROOF		120/1/0.25	125	1,3
03	COOK	135	1,350	0.65		ROOF		120/1/0.25	125	1,3
04	COOK	70	300	0.25		ROOF		120/1/0.167	90	1,3
05	COOK	70	200	0.25		ROOF		120/1/0.167	90	1,3
06	COOK	120	950	0.65		ROOF		120/1/0.167	110	1,3
07	COOK	135	1,100	0.65		ROOF		120/1/0.25	125	1,3
08	COOK	135	1,100	0.65		ROOF		120/1/0.25	125	1,3
09	COOK	120	950	0.65		ROOF		120/1/0.167	110	1,3
10	COOK	150	2,400	0.50		ROOF		120/1/0.5	150	1,3

NOTES: 1) 14" ROOF CURB AND BACK DRAFT DAMPER  
2) UPBLAST FAN  
3) CONTINUOUS OPERATING  
4) CONNECT TO EMERGENCY PURGE

ALTERNATES  
1). PENN  
2). ACME  
3).

**PUMP SCHEDULE**

P #	MANUFACTURER	MODEL	GPM	FT HD	EFFIC.	SERVICE	IMP DIA	ELECTRICAL	TYPE	NOTES
01	BELL&GOSSETT	3E	450	90	76	CHS/R	10.5	460/3/20	ES	1,2,3,4,5
02	BELL&GOSSETT	3E	450	90	76	CHS/R	10.5	460/3/20	ES	1,2,3,4,5
03	BELL&GOSSETT	4AC	450	25	77	CHS/R	6	460/3/5	ES	1,2,3,4,5,6
04	BELL&GOSSETT	4AC	450	25	77	CHS/R	6	460/3/5	ES	1,2,3,4,5,6
05	BELL&GOSSETT	2E	160	90	65	HWS/R	9.75	460/3/7.5	ES	1,2,3,4,5,6
06	BELL&GOSSETT	2E	160	90	65	HWS/R	9.75	460/3/7.5	ES	1,2,3,4,5,6
07	BELL&GOSSETT	2.5x2.5x7	160	30	72	HWS/R	6	460/3/2	IL	1,2,3,4,5,6
08	BELL&GOSSETT	2.5x2.5x7	160	30	72	HWS/R	6	460/3/2	IL	1,2,3,4,5,6

NOTES: 1) 1750 RPM MOTOR  
2) MECHANICAL SEALS  
3) BRONZE FITTED/ IRON BODY  
4) SUCTION DIFFUSER  
5) TRIPLE DUTY VALVE  
6) NON-OVERLOADING MOTOR

ES = END SUCTION  
IL = IN LINE

ALTERNATE  
1). TACO  
2). PACO  
3). METROPOLITAN

**MECHANICAL EQUIPMENT SCHEDULE**

TAG #	DESCRIPTION	NOTES
AS-1	AIR SEPERATOR, BELL AND GOSSET MODEL RL-6 WITHOUT STRAINER, 800 GPM AT 1 FOOT PRESSURE DROP.	
AS-2	AIR SEPERATOR, BELL AND GOSSET MODEL RL-5 WITHOUT STRAINER, 320 GPM AT 1 FOOT PRESSURE DROP.	
ET-1	EXPANSION TANK, BELL AND GOSSET MODEL # B-200	
ET-2	EXPANSION TANK, BELL AND GOSSET MODEL # B-200	

**AIR DISTRIBUTION SCHEDULE**

TAG	MANUFACTURER	MODEL	TYPE	MATERIAL	DESCRIPTION	NOTES
(A)	KRUEGER	1240	SUPPLY	STEEL	LOUVERED MODULAR CORE DIFFUSER	1,2,3,4
(B)	KRUEGER	S80H	RETURN	STEEL	BAR TYPE GRILLE	1,2,3
(C)	KRUEGER	S580H	EXHAUST	ALUMINUM	BAR TYPE GRILLE	1,2,3,4
(D)	KRUEGER	1900	SUPPLY	ALUMINUM	(3)1" SLOT DIFFUSER	1,2,3,6
(E)	KRUEGER	EGC15	RETURN	ALUMINUM	1/2"x1/2"x1" EGG CRATE	1,2,3
(F)	RUSKIN	EG100	RETURN	ALUMINUM	2"x2"x4" EGG CRATE W/FRAME	1,2,3
(G)	KRUEGER	DPL	SUPPLY	ALUMINUM	DUCT MOUNTED DRUM LOUVER	1,3,5
(H)	KRUEGER	5600A	TRANSFER	ALUMINUM	DOOR GRILLE, DBL FLAT FRAME	1,2,3

NOTES: 1) FACTORY PAINTED FINISH.  
2) PROVIDE FRAME COMPATIBLE WITH CEILING OR WALL TYPE.  
3) REFER TO DRAWINGS FOR NECK SIZE AND AIR QUANTITY.  
4) SQUARE TO ROUND ADAPTER  
5) ODD DAMPER  
6) FACTORY LINED PLENUM

ALTERNATES  
1). METAL-AIRE  
2). TITUS  
3).

**KITCHEN EXHAUST FAN SCHEDULE**

KEF #	MANUFACTURER	MODEL	CFM	ESP IN. WG	TYPE	DRIVE	SERVICE	ELECTRICAL	WT.	NOTES
01	COOK	195	2,000	2.25	UPBLAST	BELT	KH-01,02	460/3/1.5	150	1,2,3,6
02	COOK	180	1,750	2.25	UPBLAST	BELT	KH-03	460/3/1.5	150	1,2,4,6
03	COOK	225	3,000	2.25	UPBLAST	BELT	KH-04	460/3/2	300	1,2,5,6

NOTES: 1) GREASE TROUGH  
2) UL #762 LISTED  
3) INTERLOCK TO RUN WITH TF-01  
4) INTERLOCK TO RUN WITH TF-02.  
5) INTERLOCK TO RUN WITH TF-03.  
6) VENTILATED ROOF CURB.

ALTERNATES  
1). PENN  
2). ACME

**TRANSFER FAN SCHEDULE**

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