



UNIT NO.	LOCATION	SERVICE	FAN DATA					MOTOR DATA			REFRIGERANT COIL DATA					ELECTRIC HEATING SECTION				REMARKS				
			TOTAL C.F.M.	O.A. C.F.M.	EXT. S.P.	MAX. B.H.P.	MAX. R.P.M.	H.P.	VOLTS	PH. HZ.	R.P.M.	SENS. CAP. M.B.H.	TOTAL CAP. M.B.H.	AIR ENT. D.B.	W.B.	SUCTION TEMP.	AMB. TEMP.	TOTAL CAP. M.B.H.	TOTAL KW (MIN.)		STAGES	E.A.T.	ELECTRIC	
AHU-1,6,7	SEE DRAWINGS	SEE DRAWINGS	550	50	0.50	-	-	1/8	208	1	60	-	11.7	18.0	-	-	-	95	-	3.0	1	-	208/1/60	WILLIAMS LH-06, HORIZONTAL ARRANGEMENT, CONCEALED, TYPE B @ STD. ARI CONDITIONS
AHU-2	SEE DRAWINGS	SEE DRAWINGS	575	50	0.50	-	-	1/8	208	1	60	-	11.7	18.0	-	-	-	95	-	3.0	1	-	208/1/60	WILLIAMS LH-06, HORIZONTAL ARRANGEMENT, CONCEALED, TYPE B @ STD. ARI CONDITIONS
AHU-3	SEE DRAWINGS	SEE DRAWINGS	800	-	0.50	-	-	1/4	208	1	60	-	16.8	24.0	-	-	-	95	-	3.0	1	-	208/1/60	WILLIAMS LH-08, HORIZONTAL ARRANGEMENT, EXPOSED, TYPE D @ STD. ARI CONDITIONS
AHU-4	SEE DRAWINGS	SEE DRAWINGS	600	60	0.50	-	-	1/8	208	1	60	-	11.7	18.0	-	-	-	95	-	3.0	1	-	208/1/60	WILLIAMS LH-06, HORIZONTAL ARRANGEMENT, CONCEALED, TYPE B @ STD. ARI CONDITIONS
AHU-5	SEE DRAWINGS	SEE DRAWINGS	1550	140	1.20	-	-	1/3	208	1	60	-	36.0	48.0	-	-	-	95	-	9.0	1	-	208/1/60	WILLIAMS HH-15, HORIZONTAL ARRANGEMENT, SEMI-RECESSED, TYPE F @ STD. ARI CONDITIONS
AHU-8	SEE DRAWINGS	SEE DRAWINGS	2500	180	1.20	-	-	1/2	208	1	60	-	51.0	72.0	-	-	-	95	-	10.0	1	-	208/1/60	WILLIAMS HH-22, HORIZONTAL ARRANGEMENT, CONCEALED, TYPE B @ STD. ARI CONDITIONS
AHU-9,10,11,12	SEE DRAWINGS	SEE DRAWINGS	660	660	0.50	-	-	1/3	208	1	60	-	25.3	49.0	-	-	-	95	-	5.0	1	-	208/1/60	ADDISON HCA051, VERTICAL ARRANGEMENT, OR APPROVED EQUAL
AHU-13	SEE DRAWINGS	SEE DRAWINGS	550	60	0.50	-	-	1/8	208	1	60	-	11.7	18.0	-	-	-	95	-	3.0	1	-	208/1/60	WILLIAMS LH-06, HORIZONTAL ARRANGEMENT, CONCEALED, TYPE B @ STD. ARI CONDITIONS

1. ALL AIR HANDLING UNITS SHALL HAVE SINGLE POINT CONNECTION.

MARK	SERVICE	LOCATION	BTUH OUTPUT	EVAP. TEMP.	AMBIENT TEMP.	ELECTRIC SERVICE	MCA	MAX. FUSE	NO. CKTS. COMPRESSORS	REMARKS
CU-1,6,7	AHU-1,6,7	SEE DRAWINGS	18.0	-	95 F	208/1/60	11.0	15.0	1	TRANE TT8018C100A OR EQUAL
CU-2	AHU-2	SEE DRAWINGS	18.0	-	95 F	208/1/60	11.0	15.0	1	TRANE TT8018C100A OR EQUAL
CU-3	AHU-3	SEE DRAWINGS	24.0	-	95 F	208/1/60	15.0	25.0	1	TRANE TT8024C100A OR EQUAL
CU-4	AHU-4	SEE DRAWINGS	18.0	-	95 F	208/1/60	11.0	15.0	1	TRANE TT8018C100A OR EQUAL
CU-5	AHU-5	SEE DRAWINGS	48.0	-	95 F	208/1/60	30.0	40.0	1	TRANE TT8048C100A OR EQUAL
CU-8	AHU-8	SEE DRAWINGS	77.0	-	95 F	208/3/60	30.0	40.0	1	TRANE TTA072C300A OR EQUAL
CU-9,10,11,12	AHU-9,10,11,12	SEE DRAWINGS	49.0	-	95 F	208/1/60	31.0	50.0	1	ADDISON MODEL HCA051 OR APPROVED EQUAL
CU-13	AHU-13	SEE DRAWINGS	18.0	-	95 F	208/1/60	11.0	15.0	1	TRANE TT8018C100A OR EQUAL

- LIQUID & SUCTION LINES SHALL BE SIZED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS WITH CONSIDERATION FOR ALL ACCESSORIES, LENGTH OF RUN, TURNS, AND ELEVATION CHANGES TO INSURE PROPER OPERATION AND CAPACITY. PROVIDE SUCTION LINE ACCUMULATIONS FOR AHU THAT REFRIG. LINES THAT EXCEED 60 FT.
- CONTRACTOR TO PROVIDE HOT GAS BYPASS FOR UNITS "CU-9,10,11,12".

GENERAL MECHANICAL NOTES:

- REFRIGERANT LINES TO BE FIELD ROUTE AND SHALL BE SIZED IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATION PROVIDING ALL REQUIRED REFRIGERANT SPECIALTIES (SUCTION ACCUMULATOR, TRAPS, FILTERS, ETC.) IF REQUIRED FOR PROPER OPERATION OF EQUIPMENT.
- ALL EXTERIOR LOUVERS SHALL BE PAINTED, COLOR SELECTION BY ARCHITECT.

MARK	SERVICE	TOTAL CFM	EXT. SP.	MIN. HP	ELECTRIC SERVICE	TYPE	DRIVE	RPM	REMARKS
EF-1,2	REFER DWGS.	60	0.25"	137W	120/1/60	CABINET	DIRECT	610	GREENHECK SP-7
EF-3,11	REFER DWGS.	180	0.50"	1/6	120/1/60	CENT.	BELT	1329	GREENHECK GB-70
EF-4,5,10	REFER DWGS.	720	0.50"	1/4	120/1/60	CENT.	BELT	1432	GREENHECK GB-100
EF-6	REFER DWGS.	540	0.50"	1/6	120/1/60	CENT.	BELT	1435	GREENHECK GB-80
EF-7	REFER DWGS.	300	0.50"	1/6	120/1/60	CENT.	BELT	1156	GREENHECK GB-80
EF-8	REFER DWGS.	480	0.50"	1/6	120/1/60	CENT.	BELT	1345	GREENHECK GB-80
EF-9	REFER DWGS.	600	0.50"	1/4	120/1/60	CENT.	BELT	1243	GREENHECK GB-90

1. EF-1,2 TO BE EQUIPPED WITH SPEED CONTROLLERS, LOCATE AT FAN.

UNIT NO.	LOCATION	CAPACITY		STAGES	MOTOR DATA		ELEC. DATA		TEMP. RISE DEGREE F	REMARKS
		K.W.	BTUH		C.F.M.	R.P.M.	VOLTS	PH. HZ.		
EUH-1,2	REFER DWGS.	3.5	11,950	1	400	1300	208	1	60	MARKEL MODEL 5100 SERIES, WALL MT., OR APPROVED EQUAL

MARK	SERVICE	BTUH OUTPUT	TOTAL CFM	O/A CFM	ELECTRIC SERVICE	HEATING		REMARKS
						BTUH	KW (MIN.)	
AC-1	AS SHOWN	9,000	260	20	208/1/60	11,700	3.0	GE ZONELINE AZ22E09D
AC-2	AS SHOWN	12,000	270	20	208/1/60	13,100	3.5	GE ZONELINE AZ22E12D

UNIT NO.	LOCATION	SERVICE	NECK SIZE	PD (IN W.C.)	REMARKS
RH-1	ROOF MOUNT	ELEVATOR RELIEF	28X28	0.10	COOK VR VENTILATOR, ACME SKYMASTER EV OR APPROVED EQUAL

MARK	MANUFACTURER	MODEL NO.	C.F.M.	SUPPLY	RETURN	EXHAUST	O.A.	REGISTER	GRILLE	DIFFUSER	DOOR GR	LOUVER	CEILING	WALL	NECK SIZE	FACE SIZE	MATERIAL	FINISH	O.B.D.	REMARKS
A	METALAIRE	5800 SERIES	SEE DWG.	●											6" DIA.	24X24	ALUMINUM	WHITE	NO	ADJUSTABLE
B	METALAIRE	5800 SERIES	SEE DWG.	●											8" DIA.	24X24	ALUMINUM	WHITE	YES	ADJUSTABLE
C	METALAIRE	5800 SERIES	SEE DWG.	●											10" DIA.	24X24	ALUMINUM	WHITE	NO	ADJUSTABLE
D	METALAIRE	5800 SERIES	SEE DWG.	●											12" DIA.	24X24	ALUMINUM	WHITE	NO	ADJUSTABLE
E	METALAIRE	RHF	SEE DWG.	●											24X24	24X24	ALUMINUM	WHITE	NO	
F	METALAIRE	RHF	SEE DWG.	●											12X12	12X12	ALUMINUM	WHITE	NO	
G	METALAIRE	L	SEE DWG.	●											12X16	12X6	ALUMINUM	WHITE	NO	
H	METALAIRE	L	SEE DWG.	●											36X18	36X18	ALUMINUM	WHITE	NO	
I	METALAIRE	L	SEE DWG.	●											6X6	6X6	ALUMINUM	WHITE	NO	