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HVAC ACCESSORIES

1. MOTOR DAMPER	5. INTAKE HOOD	9. ACCESS DOOR	13. FACE/BYPASS DAMPER	17. DUCT FLANGES	21. ECON POWERED EXHAUST
2. ECONOMIZER	6. VIBRATION ISOLATION	10. FLEX CONNECTIONS	14. CONDENSATE PUMP	18. BASE RAIL	22. ECON BAROMETRIC RELIEF
3. ROOF CURB	7. FLAT FILTER	11. MOUNTING COLLAR	15. MOTOR GUARD	19. HUMIDIFIER	23. HEAT RECLAIM COIL
4. SMOKE DETECTOR	8. FILTER/MIXING BOX	12. HOT GAS BYPASS	16. GREASE TRAP	20. CO2 SENSORS	

HVAC CONDENSING UNIT SCHEDULE

MARK	CU-1	CU-2	CU-3	CU-4
DESCRIPTION	CONDENSING UNIT	CONDENSING UNIT	CONDENSING UNIT	CONDENSING UNIT
AREA SERVED	ACU-1	ACU-2	ACU-3	ACU-4
MFR	CARRIER	CARRIER	CARRIER	CARRIER
MODEL	24ANA736	24ANA736	24ANA748	36BNC018-3
VOLTS	208	208	208	208
PHASE	1	1	1	1
WEIGHT	302	302	322	62
EMERG				
CLG MBH	34	38	48	11
CLG SENS	28	32	42	11
ACCESS				
FLA	17.2	17.2	24	7.4
MCA	30	30	40	9.8
OCP				15

HVAC SYSTEM EQUIPMENT SCHEDULE

MARK	ACU-1	ACU-2	ACU-3	ACU-4
DESCRIPTION	AIR COND. UNIT	AIR COND. UNIT	AIR COND. UNIT	AIR COND. UNIT
AREA SERVED	LOUNGE/CONFERENCE	LOBBY	TELLERS/OFFICES	IT CLOSET
MFR	58MVB080-20	58MVB080-20	58MVB080-20	40BNC018-3
MODEL				
VOLTS	120	120	120	
PHASE	1	1	1	1
WEIGHT	204	204	204	28
EMERG				
CFM	1250	1470	1790	530
ESP (IN)	0.5	0.5	0.5	0.25
OACFM	150	176	179	0
BHP				
HP				
RPM				
CLG MBH	34	38	48	11
CLG SENS	28	32	42	11
CLG GPM	0	0	0	0
CW LWT				
HTG MBH	32	29	40	1
HTG GPM	0	0	0	0
HW LWT				
HW LWT				
GAS HTG IN	80	80	80	
GAS HTG OUT	75	75	75	
HTG KW				
ACCESS				
FLA				
MCA	13.8	13.8	13.8	
OCP	20	20	20	

HVAC MISCELLANEOUS EQUIPMENT SCHEDULE

MARK	BBH-1	BBH-2	BBH-3	BBH-4	BBH-5	BBH-6	BBH-7	BBH-8	ECH-1	UH-1
DESCRIPTION	BASEBOARD HTR	BASEBOARD HTR	BASEBOARD HTR	BASEBOARD HTR	BASEBOARD HTR	BASEBOARD HTR	BASEBOARD HTR	BASEBOARD HTR	ELEC CAB HTR	UNIT HEATER
AREA SERVED	WAITING	WAITING	WAITING	OFFICE 111	OFFICE 112	OFFICE 112	LOBBY	TELLER	VESTIBULE	TRASH 121
MFR	BERKO	BERKO	BERKO	BERKO	BERKO	BERKO	BERKO	BERKO	BERKO	BERKO
MODEL	CSLASB	CSLASB	CSLASB	CSLAS4	CSLAS4	CSLAS4	CSLAS4	CSLASB	OFF3007	HUHA320
VOLTS	208	208	208	208	208	208	208	208	208	208
PHASE	1	1	1	1	1	1	1	1	1	1
WEIGHT										
EMERG										
CFM										
ESP (IN)										
OACFM										
BHP										
HP										
RPM										
CLG MBH										
CLG SENS										
CLG GPM										
CW LWT										
HTG MBH										
HTG GPM										
HW LWT										
HW LWT										
GAS HTG IN										
GAS HTG OUT										
HTG KW	2	2	2	2.5	1	1	2.5	1.5	3	3
ACCESS										
FLA	9.6	9.6	9.6	12	4.8	4.8	12	7.2	10.8	14.5
MCA										
OCP	20	20	20	20	15	15	20	20	20	25

* ALL HEATERS SHALL BE WHITE

HVAC VENTILATION SCHEDULE

ROOM	ROOM NAME	SYS	ZONE	AREA	GLNGHT	AIR CHGS	OA CHGS	PEOPLE DES	PEOPLE RED	OA PER	OA SQFT	REQ SUP	ACT SUP	REQ OA	ACT OA	ACT RET	ACT EXH	CRIT OA	PRESSURE	
101	VESTIBULE	3		100	0	0	0	0	0	0	0.06	70	110	7	11	110	0	0.05	E	
102	WAITING	3		291	0	0	0	2	2	5	0.06	340	550	34	55	550	0	0.04	E	
103	OFFICE	1		138	0	0	0	1	1	5	0.06	125	130	15	16	130	0	0.1	E	
105	STORAGE	2		44	0	0	0	0	0	0	0.12	17	20	2	2	20	0	0.25	E	
107	OFFICE	1		249	0	0	0	1	1	5	0.06	217	230	26	28	230	0	0.08	E	
108	CONFERENCE	1		206	0	0	0	6	6	5	0.06	233	250	28	30	250	0	0.16	E	
109	OFFICE	2		121	0	0	0	1	1	5	0.06	92	100	11	12	100	0	0.12	E	
110	LOBBY/PASSAGE	2		1130	0	0	0	6	6	5	0.06	375	1020	117	122	1020	0	0.09	E	
111	OFFICE	3		118	0	0	0	1	1	5	0.06	180	230	18	26	230	0	0.04	E	
112	OFFICE	3		120	0	0	0	1	1	5	0.06	180	230	18	29	230	0	0.04	E	
113	MEN	1		92	0	0	0	0	0	0	0	58	60	7	7	0	80	0	N	
116	WOMEN	1		84	0	0	0	0	0	0	0	58	60	7	7	0	80	0	N	
117	TELLERS	3		432	0	0	0	5	5	5	0.06	340	550	34	55	550	0	0.09	E	
119	LOUNGE	1		159	0	0	0	4	4	5	0.06	383	410	46	49	410	0	0.07	E	
120	UTILITY	1		21	0	0	0	0	0	0	0.06	17	20	2	2	0	80	0.05	N	
122	SAFE	1		54	0	0	0	0	0	0	0	0.12	25	30	4	4	30	0	0.2	E
123	MECHANICAL	1		111	0	0	0	0	0	0	0	0.12	58	60	7	7	60	0	0.21	E
124	WORKROOM	2		308	0	0	0	2	2	5	0.06	317	330	38	40	330	0	0.08	E	
125	IT CLOSET	4		41	0	0	0	0	0	0	0	0	0	0	0	0	530	0	0	E

HVAC / ELECTRICAL COORDINATION SCHEDULE

ABBREVIATIONS	CONTRACTOR TYPE	MOTOR CONTROL TYPE	CONTROL TYPE
DC LOCAL DISCONNECT	EC ELECTRICAL CONTRACTOR	CS COMBINATION STARTER	TC TIMECLOCK
MC MOTOR CONTROL (POWER)	EX EXISTING	MCC MOTOR CONTROL CENTER	CPT CONTROL POWER TRANSFORMER
SD DUCT SMOKE DETECTOR	FC FIRE PROTECTION CONTRACTOR	MG MAGNETIC STARTER OR CONTACT	BAS BUILDING AUTOMATION SYSTEM
CN CONTROLS	GC GENERAL CONTRACTOR	MS MANUAL STARTER	LOW LOW VOLTAGE CONTROLS
TS TOGGLE SWITCH	HC HVAC CONTRACTOR	VFD VARIABLE FREQUENCY DRIVE	LINE LINE VOLTAGE CONTROLS
C/B H.A.C.R. CIRCUIT BREAKER AT SOURCE PANELBOARD	MFR MANUFACTURER	WSR MANUAL STARTER W/CONTROL RELAY	RLINE REVERSE ACTING LINE VOLTAGE STAT
FUSE FUSE AT LOCAL DISCONNECT (VERIFY FIELD RATING)	PC PLUMBING CONTRACTOR	OV OVERCURRENT PROTECTION	MAN MANUAL
FLA OPERATING FULL LOAD AMPS	OR OWNER OR OTHERS		FA FIRE ALARM
MCA MINIMUM CIRCUIT AMPACITY			CO CARBON MONOXIDE SENSOR
CP CORD AND PLUG CONNECTION			INT INTEGRAL TO EQUIPMENT

MARK	DESCRIPTION	VOLTS	PHASE	EMERG	BHP	HP	HTG KW	WATTS	FLA	MCA	OCP	DC FURN	DC INST	DC MIRE	MC TYPE	MC FURN	MC INST	MC MIRE	ON TYPE	ON FURN	ON INST	ON MIRE	SD QUAN
ACU-1	AIR COND. UNIT	120	1							13.8	20	EC	EC	EC	MG	MFR	MFR	MFR	LOW	HC	HC	HC	1
ACU-2	AIR COND. UNIT	120	1							13.8	20	EC	EC	EC	MG	MFR	MFR	MFR	LOW	HC	HC	HC	1
ACU-3	AIR COND. UNIT	120	1							13.8	20	EC	EC	EC	MG	MFR	MFR	MFR	LOW	HC	HC	HC	1
ACU-4	AIR COND. UNIT	*	*							*	*	EC	EC	EC	MG	MFR	MFR	MFR	LOW	HC	HC	HC	0
BBH-1	BASEBOARD HTR	208	1				2	9.6		20	MFR	MFR	MFR	MFR	MG	MFR	MFR	MFR	INT	MFR	MFR	MFR	0
BBH-2	BASEBOARD HTR	208	1				2	9.6		20	MFR	MFR	MFR	MFR	MG	MFR	MFR	MFR	INT	MFR	MFR	MFR	0
BBH-3	BASEBOARD HTR	208	1				2	9.6		20	MFR	MFR	MFR	MFR	MG	MFR	MFR	MFR	INT	MFR	MFR	MFR	0
BBH-4	BASEBOARD HTR	208	1				2.5	12		20	MFR	MFR	MFR	MFR	MG	MFR	MFR	MFR	INT	MFR	MFR	MFR	0
BBH-5	BASEBOARD HTR	208	1				1	4.8		15	MFR	MFR	MFR	MFR	MG	MFR	MFR	MFR	INT	MFR	MFR	MFR	0
BBH-6	BASEBOARD HTR	208	1				1	4.8		15	MFR	MFR	MFR	MFR	MG	MFR	MFR	MFR	INT	MFR	MFR	MFR	0
BBH-7	BASEBOARD HTR	208	1				2.5	12		20	MFR	MFR	MFR	MFR	MG	MFR	MFR	MFR	INT	MFR	MFR	MFR	0
BBH-8	BASEBOARD HTR	208	1				1.5	7.2		20	MFR	MFR	MFR	MFR	MG	MFR	MFR	MFR	INT	MFR	MFR	MFR	0
CU-1	CONDENSING UNIT	208	1							17.2	30	EC	EC	EC	MG	MFR	MFR	MFR	LOW	HC	HC	HC	0
CU-2	CONDENSING UNIT	208	1							17.2	30	EC	EC	EC	MG	MFR	MFR	MFR	LOW	HC	HC	HC	0
CU-3	CONDENSING UNIT	208	1							24	40	EC	EC	EC	MG	MFR	MFR	MFR	LOW	HC	HC	HC	0
CU-4	CONDENSING UNIT	208	1						7.4	9.8	15	EC	EC	EC	MG	MFR	MFR	MFR	LOW	HC	HC	HC	0
ECH-1	ELEC CAB HTR	208	1				3	10.8		20	MFR	MFR	MFR	MFR	MG	MFR	MFR	MFR	LOW	HC	HC	HC	0
EF-1	EXHAUST FAN	120	1					50		20	MFR	MFR	MFR	MFR	MG	EC	EC	EC	MAN	EC	EC	EC	0
EF-2	EXHAUST FAN	120	1					50		20	MFR	MFR	MFR	MFR	MG	EC	EC	EC	MAN	EC	EC	EC	0
EF-3	EXHAUST FAN	120	1					50		20	MFR	MFR	MFR	MFR	MG	EC	EC	EC	MAN	EC	EC	EC	0
UH-1	UNIT HEATER	208	1				3		14.5	25	EC	EC	EC	MG	MFR	MFR	MFR	MFR	INT	MAN	EC	EC	0

* INDOOR UNIT IS POWERED BY THE OUTDOOR UNIT.

HVAC EXHAUST FAN SCHEDULE