

MECHANICAL EQUIPMENT SCHEDULE										
MARK	DESCRIPTION	HP	ASE	KVA	VOLTAGE/HP	FUSE	COMBOSTARTER/AT LOAD	SAFETY SWITCH/AT LOAD		NOTES
AC-1	DUCTLESS SPLIT SYSTEM	N/A	0.4	208/1	15A	N/A	N/A	N/A	30A 2P SW	2.3
AC-2	DUCTLESS SPLIT SYSTEM	N/A	0.1	208/1	15A	N/A	N/A	N/A	30A 2P SW	2.3,12
AC-3	DUCTLESS SPLIT SYSTEM	N/A	0.1	208/1	15A	N/A	N/A	N/A	30A 2P SW	2.3,12
AC-4	DUCTLESS SPLIT SYSTEM	N/A	0.1	208/1	15A	N/A	N/A	N/A	30A 2P SW	2.3,12
ACCU1	CONDENSING UNIT	N/A	3.4	208/1	20A	N/A	N/A	N/A	30A 2P SW 3R	1.3,12
ACCU2	CONDENSING UNIT	N/A	3.4	208/1	20A	N/A	N/A	N/A	30A 2P SW 3R	1.3,12
ACCU3	CONDENSING UNIT	N/A	3.4	208/1	20A	N/A	N/A	N/A	30A 2P SW 3R	1.3,12
ACCU4	CONDENSING UNIT	N/A	3.4	208/1	20A	N/A	N/A	N/A	30A 2P SW 3R	1.3,12
ACCU5	CONDENSING UNIT	N/A	3.4	208/1	20A	N/A	N/A	N/A	30A 2P SW 3R	1.3,12
AHU-1 (RET.)	AIR HANDLER	5.0	N/A	480/3	N/A	N/A	N/A	N/A	VFD	2.6,11,12
AHU-1 (SUP.)	AIR HANDLER	15.0	N/A	480/3	N/A	N/A	N/A	N/A	VFD	2.6,11,12
AHU-2 (RET.)	AIR HANDLER	7.5	N/A	480/3	N/A	N/A	N/A	N/A	VFD	2.6,11,12
AHU-2 (SUP.)	AIR HANDLER	7.5	N/A	480/3	N/A	N/A	N/A	N/A	VFD	2.6,11,12
AHU-3 (RET.)	AIR HANDLER	7.5	N/A	480/3	N/A	N/A	N/A	N/A	VFD	2.6,11,12
AHU-3 (SUP.)	AIR HANDLER	7.5	N/A	480/3	N/A	N/A	N/A	N/A	VFD	2.6,11,12
AHU-4 (RET.)	AIR HANDLER	10.0	N/A	480/3	N/A	N/A	N/A	N/A	VFD	2.6,11,12
AHU-4 (SUP.)	AIR HANDLER	25.0	N/A	480/3	N/A	N/A	N/A	N/A	VFD	2.6,11,12
AHU-5 (RET.)	AIR HANDLER	5.0	N/A	480/3	N/A	N/A	N/A	N/A	VFD	2.6,11,12
AHU-5 (SUP.)	AIR HANDLER	15.0	N/A	480/3	N/A	N/A	N/A	N/A	VFD	2.6,11,12
AHU-6 (RET.)	AIR HANDLER	10.0	N/A	480/3	N/A	N/A	N/A	N/A	VFD	2.6,11,12
AHU-6 (SUP.)	AIR HANDLER	25.0	N/A	480/3	N/A	N/A	N/A	N/A	VFD	2.6,11,12
B-1	BOILER	N/A	3.6	208/3	20A	N/A	N/A	N/A	30A 2P SW	2.3
B-2	BOILER	N/A	3.6	208/3	20A	N/A	N/A	N/A	30A 2P SW	2.3
CH-1	CHILLER	N/A	265.6	480/3	500 A	N/A	N/A	N/A	600A 3P SW 3R	1.3
CIRC-1	WATER HEATER CIRCULATING PUMP	FRAC	N/A	120/1	N/A	N/A	N/A	N/A	MANUAL	2.5
CJH-1	CABINET UNIT HEATER	1/15	N/A	120/1	N/A	N/A	N/A	N/A	MANUAL	2.5
CJH-2	CABINET UNIT HEATER	1/15	N/A	120/1	N/A	N/A	N/A	N/A	MANUAL	2.5
CJH-3	CABINET UNIT HEATER	1/15	N/A	120/1	N/A	N/A	N/A	N/A	MANUAL	2.5
CJH-4	CABINET UNIT HEATER	1/15	N/A	120/1	N/A	N/A	N/A	N/A	MANUAL	2.5
CJH-5	CABINET UNIT HEATER	1/15	N/A	120/1	N/A	N/A	N/A	N/A	MANUAL	2.5
CJH-6	CABINET UNIT HEATER	1/15	N/A	120/1	N/A	N/A	N/A	N/A	MANUAL	2.5
EF-1	EXHAUST FAN	1/6	N/A	120/1	10 A	NEMA 00 30A 2P 3R	N/A	N/A	30A 2P SW	1.4
EF-2	EXHAUST FAN	1/8	N/A	120/1	10 A	NEMA 00 30A 2P 3R	N/A	N/A	30A 2P SW	1.4
EF-3	EXHAUST FAN	1/8	N/A	120/1	10 A	NEMA 00 30A 2P 3R	N/A	N/A	30A 2P SW	1.4
EF-4	EXHAUST FAN	1/8	N/A	120/1	10 A	NEMA 00 30A 2P 3R	N/A	N/A	30A 2P SW	1.4
EF-5	EXHAUST FAN	1/4	N/A	120/1	10 A	NEMA 00 30A 2P 3R	N/A	N/A	30A 2P SW	1.4
EF-6	EXHAUST FAN	1/8	N/A	120/1	10 A	NEMA 00 30A 2P 3R	N/A	N/A	30A 2P SW	1.4
EF-7	EXHAUST FAN	1/8	N/A	120/1	10 A	NEMA 00 30A 2P 3R	N/A	N/A	30A 2P SW	1.4
EF-8	EXHAUST FAN	1/8	N/A	120/1	10 A	NEMA 00 30A 2P 3R	N/A	N/A	30A 2P SW	1.4
EF-9	EXHAUST FAN	FRAC	N/A	120/1	N/A	N/A	N/A	N/A	MANUAL	2.5
EF-10	EXHAUST FAN	FRAC	N/A	120/1	N/A	N/A	N/A	N/A	MANUAL	2.5
EF-11	EXHAUST FAN	1/6	N/A	120/1	10 A	NEMA 00 30A 2P 3R	N/A	N/A	30A 2P SW	1.4
EF-12	EXHAUST FAN	FRAC	N/A	120/1	10 A	NEMA 00 30A 2P SW	N/A	N/A	30A 2P SW	1.4
EF-13	EXHAUST FAN	1/8	N/A	120/1	10 A	NEMA 00 30A 2P 3R	N/A	N/A	30A 2P SW	1.4
EF-14	EXHAUST FAN	1/4	N/A	120/1	10 A	NEMA 00 30A 2P 3R	N/A	N/A	30A 2P SW	1.4
EF-15	EXHAUST FAN	1/8	N/A	120/1	10 A	NEMA 00 30A 2P 3R	N/A	N/A	30A 2P SW	1.4
EF-16	EXHAUST FAN	1/8	N/A	120/1	10 A	NEMA 00 30A 2P 3R	N/A	N/A	30A 2P SW	1.4
EHU-1	ELECTRIC UNIT HEATER	N/A	5.0	208/3	20A	N/A	N/A	N/A	30A 3P SW	2.3
FPB-A001	FAN POWERED BOX	1/3	N/A	277/1	10 A	N/A	N/A	N/A	30A 2P SW	2.3
FPB-A005	FAN POWERED BOX	1/3	N/A	277/1	10 A	N/A	N/A	N/A	30A 2P SW	2.3
FPB-A011	FAN POWERED BOX	1/3	N/A	277/1	10 A	N/A	N/A	N/A	30A 2P SW	2.3
FPB-A012	FAN POWERED BOX	1/3	N/A	277/1	10 A	N/A	N/A	N/A	30A 2P SW	2.3
FPB-A013	FAN POWERED BOX	1/3	N/A	277/1	10 A	N/A	N/A	N/A	30A 2P SW	2.3
FPB-A014	FAN POWERED BOX	1/3	N/A	277/1	10 A	N/A	N/A	N/A	30A 2P SW	2.3
FPB-A016	FAN POWERED BOX	1/3	N/A	277/1	10 A	N/A	N/A	N/A	30A 2P SW	2.3
FPB-A108	FAN POWERED BOX	1/3	N/A	277/1	10 A	N/A	N/A	N/A	30A 2P SW	2.3
FPB-A112	FAN POWERED BOX	1/3	N/A	277/1	10 A	N/A	N/A	N/A	30A 2P SW	2.3
FPB-A117	FAN POWERED BOX	1/3	N/A	277/1	10 A	N/A	N/A	N/A	30A 2P SW	2.3
FPB-A119	FAN POWERED BOX	1/2	N/A	277/1	10 A	N/A	N/A	N/A	30A 2P SW	2.3
FPB-A202	FAN POWERED BOX	3/4	N/A	277/1	15 A	N/A	N/A	N/A	30A 2P SW	2.3
FPB-A303	FAN POWERED BOX	1/3	N/A	277/1	10 A	N/A	N/A	N/A	30A 2P SW	2.3
FPB-A304	FAN POWERED BOX	1/3	N/A	277/1	10 A	N/A	N/A	N/A	30A 2P SW	2.3
FPB-A305	FAN POWERED BOX	1/3	N/A	277/1	10 A	N/A	N/A	N/A	30A 2P SW	2.3
FPB-A421	FAN POWERED BOX	1/3	N/A	277/1	10 A	N/A	N/A	N/A	30A 2P SW	2.3
FPB-A427	FAN POWERED BOX	1/3	N/A	277/1	10 A	N/A	N/A	N/A	30A 2P SW	2.3
FPB-A423	FAN POWERED BOX	1/3	N/A	277/1	10 A	N/A	N/A	N/A	30A 2P SW	2.3
FPB-A424	FAN POWERED BOX	1/3	N/A	277/1	10 A	N/A	N/A	N/A	30A 2P SW	2.3
FPB-A426	FAN POWERED BOX	1/4	N/A	277/1	10 A	N/A	N/A	N/A	30A 2P SW	2.3
FPB-A428	FAN POWERED BOX	1/3	N/A	277/1	10 A	N/A	N/A	N/A	30A 2P SW	2.3
FPB-A420	FAN POWERED BOX	1/3	N/A	277/1	10 A	N/A	N/A	N/A	30A 2P SW	2.3
FPB-B012	FAN POWERED BOX	1/3	N/A	277/1	10 A	N/A	N/A	N/A	30A 2P SW	2.3
FPB-B103A	FAN POWERED BOX	1/2	N/A	277/1	10 A	N/A	N/A	N/A	30A 2P SW	2.3
FPB-B103B	FAN POWERED BOX	1/2	N/A	277/1	10 A	N/A	N/A	N/A	30A 2P SW	2.3
FPB-B103C	FAN POWERED BOX	1/2	N/A	277/1	10 A	N/A	N/A	N/A	30A 2P SW	2.3
FPB-B104	FAN POWERED BOX	1/2	N/A	277/1	10 A	N/A	N/A	N/A	30A 2P SW	2.3
FPB-B112	FAN POWERED BOX	1/3	N/A	277/1	10 A	N/A	N/A	N/A	30A 2P SW	2.3
FPB-B113	FAN POWERED BOX	3/4	N/A	277/1	15 A	N/A	N/A	N/A	30A 2P SW	2.3
FPB-C002	FAN POWERED BOX	1/3	N/A	277/1	10 A	N/A	N/A	N/A	30A 2P SW	2.3
FPB-C003	FAN POWERED BOX	1/3	N/A	277/1	10 A	N/A	N/A	N/A	30A 2P SW	2.3
FPB-C005	FAN POWERED BOX	1/3	N/A	277/1	10 A	N/A	N/A	N/A	30A 2P SW	2.3
FPB-C010	FAN POWERED BOX	1/4	N/A	277/1	10 A	N/A	N/A	N/A	30A 2P SW	2.3
FPB-C102	FAN POWERED BOX	1/3	N/A	277/1	10 A	N/A	N/A	N/A	30A 2P SW	2.3
FPB-C103	FAN POWERED BOX	1/2	N/A	277/1	15 A	N/A	N/A	N/A	30A 2P SW	2.3
FPB-C104	FAN POWERED BOX	1/2	N/A	277/1	10 A	N/A	N/A	N/A	30A 2P SW	2.3
FPB-C106	FAN POWERED BOX	1/3	N/A	277/1	10 A	N/A	N/A	N/A	30A 2P SW	2.3
FPB-C112	FAN POWERED BOX	1/3	N/A	277/1	10 A	N/A	N/A	N/A	30A 2P SW	2.3
FPB-C116	FAN POWERED BOX	1/2	N/A	277/1	10 A	N/A	N/A	N/A	30A 2P SW	2.3
FPB-C117	FAN POWERED BOX	1/3	N/A	277/1	10 A	N/A	N/A	N/A	30A 2P SW	2.3
FPB-C118	FAN POWERED BOX	1/3	N/A	277/1	10 A	N/A	N/A	N/A	30A 2P SW	2.3
FPB-C120	FAN POWERED BOX	1/3	N/A	277/1	10 A	N/A	N/A	N/A	30A 2P SW	2.3
FPB-C202	FAN POWERED BOX	1/3	N/A	277/1	10 A	N/A	N/A	N/A	30A 2P SW	2.3
FPB-C203	FAN POWERED BOX	1/3	N/A	277/1	10 A	N/A	N/A	N/A	30A 2P SW	2.3
FPB-C212	FAN POWERED BOX	1/3	N/A	277/1	10 A	N/A	N/A	N/A	30A 2P SW	2.3
FPB-C214	FAN POWERED BOX	1/3	N/A	277/1	10 A	N/A	N/A	N/A	30A 2P SW	2.3
FPB-C216	FAN POWERED BOX	1/3	N/A	277/1	10 A	N/A	N/A	N/A	30A 2P SW	2.3
FPB-C222	FAN POWERED BOX	1/3	N/A	277/1	10 A	N/A	N/A	N/A	30A 2P SW	2.3
FPB-C223	FAN POWERED BOX	1/3	N/A	277/1	10 A	N/A	N/A	N/A	30A 2P SW	2.3
FPB-C225	FAN POWERED BOX	1/3	N/A	277/1	10 A	N/A	N/A	N/A	30A 2P SW	2.3
KEF-1	EXHAUST FAN	0.2	N/A	120/1	10 A	N/A	N/A	N/A	30A 2P SW	2.3
KEF-1	EXHAUST FAN	3/4	N/A	208/1	15A	NEMA 0 30A 2P 3R	N/A	N/A	MANUAL	2
KEF-2	EXHAUST FAN	N/A	3.4	208/1	15A	NEMA 0 30A 2P 3R	N/A	N/A	MANUAL	1.4
UH-1	UNIT HEATER	N/A	120/1	120/1	10A	NEMA 0 30A 2P 3R	N/A	N/A	MANUAL	2.5
UH-2	UNIT HEATER	N/A	20.1	208/3	70A	N/A	N/A	N/A	100A 3P SW 3R	1.3
P-1	PUMP	5.0	N/A	480/3	N/A	N/A	N/A	N/A	VFD	1.6
P-2	PUMP	5.0	N/A	480/3	N/A	N/A	N/A	N/A	VFD	1.6
P-3	PUMP	2.0	N/A	480/3	15A	NEMA 2 30A 3P SW	N/A	N/A	1.4	1.4
P-4	PUMP	2.0	N/A	480/3	15A	NEMA 2 30A 3P SW	N/A	N/A	1.4	1.4
P-5	PUMP	5.0	N/A	480/3	N/A	N/A	N/A	N/A	VFD	1.6
P-6	PUMP	5.0	N/A	480/3	N/A	N/A	N/A	N/A	VFD	1.6
P-7	PUMP	7.5	N/A	480/3	N/A	N/A	N/A	N/A	VFD	1.6
UH-1	UNIT HEATER	FRAC	N/A	120/1	N/A	N/A	N/A	N/A	MANUAL	2.5
UH-2	UNIT HEATER	FRAC	N/A	120/1	N/A	N/A	N/A	N/A	MANUAL	2.5
UH-3	UNIT HEATER	N/A	N/A	120/1	N/A	N/A	N/A	N/A	MANUAL	2.5
UH-4	UNIT HEATER	N/A	N/A	120/1	N/A	N/A	N/A	N/A	MANUAL	2.5
UH-5	UNIT HEATER	N/A	N/A	120/1	N/A	N/A	N/A	N/A	MANUAL	2.5

MECHANICAL EQUIPMENT SCHEDULE NOTES:

1. MAKE FIELD CONNECTIONS WITH LIQUIDTITE, SEALTITE AND FITTINGS. SIZE AS NOTED OR REQUIRED.
2. MAKE FIELD CONNECTIONS WITH GREENFIELD PLEX AND FITTINGS. SIZE AS NOTED OR REQUIRED.
3. FURNISH AND INSTALL SAFETY SWITCH AND FUSE AS NOTED AND PROVIDE SUPPLANTS AS REQUIRED.
4. PROVIDE 1/2" NPT. 1" CONDUIT FOR THE FRACTIONAL HORSEPOWER RECOVERY MOTOR. FUSE SAFETY SWITCH AS REQUIRED.
5. FURNISH AND INSTALL MANUAL MOTOR STARTER.
6. VFD IS FURNISHED BY THE MECHANICAL CONTRACTOR AND INSTALLED AND WIRED BY THE ELECTRICAL CONTRACTOR.
7. PROVIDE 480 VOLT, 3 PHASE POWER, A NORMAL FUSIBLE SWITCH AND A SIZE 1/2" NEMA 1" CONDUIT FOR THE FRACTIONAL HORSEPOWER RECOVERY MOTOR. FUSE SAFETY SWITCH AS REQUIRED.
8. CONTRACTOR SHALL FURNISH AND INSTALL ALL CONTROL AND POWER WIRING FOR THE HOOD FIRE SUPPRESSION SYSTEM AND THE HOOD AND RESPECTIVE FANS. THE CONTROL PANEL IS FURNISHED BY THE MECHANICAL CONTRACTOR AND INSTALLED AND WIRED BY THE ELECTRICAL CONTRACTOR. THE HOOD AND FAN'S "REMOTE CONTROL STATIONS" ARE FURNISHED BY THE MECHANICAL CONTRACTOR AND INSTALLED AND WIRED COMPLETE BY THE ELECTRICAL CONTRACTOR.
9. PROVIDE SPRING WOUND TIMER SWITCH INTERMATIC #FF124C.
10. PROVIDE MAGNETIC CONTACT WITH (2) N.O. AND (2) N.C. AUXILIARY CONTACTS.
11. PROVIDE DUCT TYPE SMOKE DETECTORS IN THE SUPPLY AND RETURN AIR HANDLING SYSTEMS. WIRE DETECTIVITY WITH DUCT ATTACHMENT. PROVIDE TEST SWITCH AND FAN SHUT-DOWN WIRING.
12. PROVIDE A 120 VOLT, 20 AMP CIRCUIT TO THIS AIR HANDLING UNIT FOR UNIT MOUNTED LIGHTING FIXTURES AND CONVENIENCE OUTLETS. MAKE ALL CONNECTIONS AS REQUIRED.
13. CONNECT TO LOCAL LIGHTING CIRCUIT AND SWITCH WITH ROOM LIGHTING.