

RFP-54

FILE NO. 43-01  
APPL. NO. 01-110074  
REVISED 03/02

### MDF FAN COIL SCHEDULE

MARK	AREA SERVED	NOM. TONS	CONDENSER ON ROOF	AIR FLOW (CFM)	FAN E.S.P. (IN H <sub>2</sub> O)	COOLING TOTAL (MBH)	SENSE (MBH)	HEAT (MBH)	ELECTRICAL STAGES	VOLTS/PHAS	MCA/FLA	OPER. WT. (LBS)	REFRIGERANT TYPE & MASS (LBS) (LBS)	BASES OF DESIGN	REMARKS
CAC-1	MDF ROOM "AC" UNIT	3.5	CU-1	635 / 790	0.3	42.0	34.0	86/66	N/A	N/A	208/1/PH	1.0/0.09	82	R-410A(10 LBS)	MITSUBISHI PGM-A228A ① THROUGH ②
CAC-2	MDF ROOM "AC" UNIT	3.5	CU-2	635 / 790	0.3	42.0	34.0	86/66	N/A	N/A	208/1/PH	1.0/0.09	82	R-410A(10 LBS)	MITSUBISHI PGM-A228A ① THROUGH ②

NOTES: ① PROVIDE PROGRAMMABLE WALL THERMOSTAT ② PROVIDE DISCONNECT SWITCH, AUTO-SWITCHOVER CONTROL PANEL (ACP), AND CONTROL SYSTEM INTERFACE CAB/CHEMIS. ③ PROVIDE MFR. CEILING MOUNTED BRACKET AND ALL ACCESSORIES NECESSARY FOR A COMPLETE SYSTEM INSTALLATION. ④ PROVIDE REFRIGERANT PIPING AND ALL APPURTENANCES. ⑤ PROVIDE MFR. CEILING MOUNTED BRACKET AND ALL ACCESSORIES NECESSARY FOR A COMPLETE SYSTEM INSTALLATION. ⑥ REFER TO MFR. WIRING DIAGRAM FOR PROPER INSTALLATION. ⑦ REFER TO MFR. WIRING DIAGRAM FOR PROPER INSTALLATION. ⑧ PROVIDE ROOM TEMPERATURE SENSOR FOR CRITICAL EQUIPMENT, AND WIRE SENSOR TO BMS ADDRESS PANEL. ⑨ IF ROOM TEMPERATURE RISES ABOVE 85°F, SOUND ALARM TO THE DISTRICT O&M OFFICE. ⑩ PROVIDE 1" CONDENSATE DRAINPIPE AND CONNECT TO EXISTING. ⑪ INTERLOCK EVAPORATOR AND CONDENSING UNIT.

### MDF ROOM CONDENSING UNIT SCHEDULE

MARK	AREA SERVED	LOCATION	RELATED AC UNIT	NOM. TONS	DAY EFFICIENCY (EER)	ELECTRICAL VOLTS/PHAS	MCA	MOOP	OPER. WT. (LBS)	REFRIGERANT TYPE & MASS (LBS) (LBS)	BASES OF DESIGN	REMARKS
CU-1	MDF ROOM "AC" UNIT	ROOF MOUNTED	CAC-1	3.5	95T	208/1/PH	26.0	40.0	258	R-410A(10 LBS)	MITSUBISHI PGM-A228A	① THROUGH ②
CU-2	MDF ROOM "AC" UNIT	ROOF MOUNTED	CAC-2	3.5	95T	208/1/PH	26.0	40.0	258	R-410A(10 LBS)	MITSUBISHI PGM-A228A	① THROUGH ②

NOTES: ① PROVIDE DISCONNECT SWITCH. ② WATERLOCK CU & CAC UNIT. ③ REFER TO MFR. WIRING DIAGRAM FOR PROPER INSTALLATION. ④ PROVIDE CONTROL WIRING TO (E) UNIVERSAL NETWORK CONTROLLER (UNC) AND TO (E) BMS.

**BCA** EQUIPMENT SCHEDULE - MECHANICAL  
 PROJECT: CANADA COLLEGE - BUILDINGS 5 & 6 RENOVATIONS  
 4200 FARM HILL BOULEVARD  
 REDWOOD CITY, CA 94061  
 FILE NO. 43-01 APPL. 01-110074

**INTERFACE**  
 DATE: 03/02/02  
 DRAWN BY: MSK-36  
 CHECKED BY: MSK-36  
 PROJECT NUMBER: 0104

RFP 19

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### FAN SCHEDULE

MARK	MFR	MODEL	CFM	HP	TOP	TYPE	BRK. HP	HP	ELECTRICAL VOLTS/PHAS	POWER (KW)	SERVICE	OPERATING HEIGHT (FEET)	REMARKS
EF-51	GREENHECK	80-0200-200-70	11,200	920	1.00	UPWARD CENTRIFUGAL	5.21	7-1/2	460/3	N	3RD FLOOR	380	① THROUGH ②
EF-52	GREENHECK	80-0200-7	4,000	800	0.3	ROOF CENTRIFUGAL	0.68	3/4	460/3	N	3RD FLOOR - SERVICE	140	① THROUGH ②
EF-53	GREENHECK	80-0200-10	4,210	821	0.50	ROOF CENTRIFUGAL	0.85	1	460/3	N	3RD FLOOR - SERVICE	160	① THROUGH ②
EF-54	GREENHECK	80-0200-14	1,280	856	0.3	ROOF CENTRIFUGAL	0.11	1/4	460/3	N	3RD FLOOR - SERVICE	90	① THROUGH ②
EF-55	GREENHECK	80-0200-14	1,280	856	0.3	ROOF CENTRIFUGAL	0.11	1/4	460/3	N	3RD FLOOR - SERVICE	90	① THROUGH ②
EF-56	COOK	40-0000B	18,700	206	0.3	ROOF CENTRIFUGAL	0.2	1.0	460/3	N	3RD FLOOR - SERVICE	250	① THROUGH ②
EF-57	COOK	21-0000B	4,800	800	0.3	ROOF CENTRIFUGAL	0.2	1.0	460/3	N	3RD FLOOR - SERVICE	250	① THROUGH ②
EF-58	COOK	21-0000B	4,800	800	0.3	ROOF CENTRIFUGAL	0.2	1.0	460/3	N	3RD FLOOR - SERVICE	250	① THROUGH ②
EF-59	COOK	12-0000B	1,100	100	0.3	ROOF CENTRIFUGAL	0.187	1/8	120/1	N	3RD FLOOR - SERVICE	70	① THROUGH ②

NOTES: ① PROVIDE THERMAL OVERLOAD PROTECTORS AND PREMIUM EFFICIENCY MOTORS. ② PROVIDE ROOF CURBS AND TIE-DOWNS. ③ PROVIDE BRACKETED AND DIMERS. ④ PROVIDE W/FLY/INSECT SCREENS WITH MANUAL BYPASS TO MODULATE AIR ASSOCIATED AC TO MAINTAIN SPACE PRESSURE/DIRTY. ⑤ PROVIDE MEET LOSS IS REQUIRED. ⑥ AREA CENTERED FOR 400-208 AND 460V. ⑦ TYPE 1 DRAINAGE HOOD EXHAUST FAN OR THE LIFTS. ⑧ PROVIDE 1" CONDENSATE DRAINPIPE AND CONNECT TO EXISTING.

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