

HEAT PUMP SPLIT SYSTEM SCHEDULE

UNIT TAG INDOOR UNIT / OUTDOOR UNIT	REFRIGERANT	NOM TONNAGE	HP INDOOR UNIT																	HP OUTDOOR UNIT				MODEL NUMBERS			SEER	HPSF	NOTES
			TOTAL CFM	O.A. CFM	E.S.P. (IN WC)	COOLING PERFORMANCE				HEATING PERFORMANCE				ELEC HEATER (KW)	FLA	MCA	MOCP	V/PH/Hz	FLA	MCA	MOCP	ELECTRICAL SERVICE	MANUFACTURER	HP INDOOR UNIT	HP				
						AMB T (F)	EAT (DEG F) DB	WB	TOTAL (MBH)	SENSIBLE (MBH)	AMB T (DEG F)	EAT (DEG F) F	INTEG (MBH)																
HPIU - 1 / HP - 1	R-410A	4	1600	260	1	105	80	67	41.40	32.51	17	65	47.2	8	40.5	48.5	50	230/1	29.9	36.6	50	230/1	CARRIER	FE4ANB006	25VNA2048	18.3	12.0	1, 2, 3, 4, 5	
HPIU - 2 / HP - 2	R-410A	4	1600	235	1	105	80	67	41.40	32.51	17	65	47.2	8	40.5	48.5	50	230/1	29.9	36.6	50	230/1	CARRIER	FE4ANB006	25VNA2048	18.3	12.0	1, 2, 3, 4, 5	

NOTES:

- 1) SINGLE POINT ELECTRICAL SERVICE
- 2) ELECTRIC HEATER PROTECTION - FACTORY INSTALLED CIRCUIT BREAKER OR FUSES
- 3) INSTALL IN HORIZONTAL POSITION ABOVE CEILING.
- 4) HANG INDOOR UNIT FROM ROOF STRUCTURE. USE 3/8" ALL-THREAD RODS, WITH 2" X 2" X 1/4" ANGLE IRON TRAPEZE. SUSPEND 3/8" ALL THREAD RODS FROM GRINNELL FIGURE 92 BEAM CLAMP ATTACHED TO STRUCTURE. PROVIDE TWO TRAPEZE SUPPORTS, UNDER THE INDOOR UNIT.
- 5) HAIL GUARD

GRILLE AND REGISTER SCHEDULE

TAG	FUNCTION	LOCATION	SURFACE	DAMPERS	FILTERED	DEFLECTION	FACE SIZE	NECK SIZE / NOMINAL SIZE	CFM RANGE	MANUF.	MODEL #	NOTES
A1	SUPPLY	-	Φ DUCT	VOLUME	N/A	DOUBLE	-	14 X 4	150 - 225	PRICE	SDG GV A AS	1, 2, 5, 7
B1	SUPPLY	CEILING	LAY-IN	VOLUME	N/A	4-WAY	24 X 24	6"	0 - 150	PRICE	SCDA/3/4C	1, 2, 3
B2	SUPPLY	CEILING	LAY-IN	VOLUME	N/A	4-WAY	24 X 24	8"	155 - 275	PRICE	SCDA/3/4C	1, 2, 3
C	TRANSFER	DOOR	-	-	N/A	N/A	18 X 16	-	155 - 400	PRICE	ATGH	1, 2, 3,
D	RETURN	WALL	GYP	VOLUME	N/A	N/A	-	36 X 18	985 - 1600	PRICE	630DL	2, 3

NOTES:

- 1) ALL GRILLES TO BE OF STEEL CONSTRUCTION.
- 2) GRILLES TO HAVE A NOISE CRITERIA OF LESS THAN OR EQUAL TO 20 dB.
- 3) ALL GRILLES TO BE OFF-WHITE IN COLOR UNLESS OTHERWISE DESIRED BY ARCHITECT.
- 4) SQUARE TO ROUND TRANSITION
- 5) MOUNT AT 45 DEG FROM HORIZONTAL, REFER TO DETAIL
- 6) MOUNT AT 0 DEG FROM HORIZONTAL, REFER TO DETAIL
- 7) GRILLE TO BE PRIME COAT PAINTED, SUITABLE FOR PAINTING IN THE FIELD TO MATCH DUCT.
- 8) PROVIDE WITH PRICE MOUNTING TYPE 2 FOR CONCEALED MOUNTING IN FACTORY PLENUM.
- 9) PROVIDE WITH PRICE MOUNTING TYPE 14 FOR LAY IN APPLICATION.
- 10) PROVIDE INSULATED FACTORY PLENUM TO MATCH DIFFUSER MOUNTING TYPE.
- 11) PROVIDE 1" FILTER MEDIA

LOUVER SCHEDULE

TAG	MANUFACTURER	MODEL #	AIRFLOW (CFM)	PRES DROP (IN " SP)	WIDTH (IN)	HEIGHT (IN)	FREE AREA (SQ FT)	NOTES
L-1	RUSKIN	ELF375DXH	495	0.1	18	18	0.96	1

NOTES:

- 1) FURNISH WITH INSECT SCREEN
- 2) PROVIDE WITH MOTORIZED DAMPERS, TO OPEN WHEN ASSOCIATED EXHAUST FANS ARE OPERATING.

FAN SCHEDULE

TAG	SERVES	MANUF.	MODEL #	CFM	E.S.P. (IN WC)	ELEC. POWER (W or HP)	ELEC. SERVICE (V)	SONES	DRIVE	CONTROLLED BY	NOTES
EF-1	RR 107	COOK	GC-342	175	0.375'	75 W	120 /1	4.5	DIRECT		2, 3, 4
EF-2	RR 104	COOK	GC-342	175	0.375'	75 W	120 /1	4.5	DIRECT		2, 3, 4
EF-3	JAN 102	COOK	GC-148	105	0.375	40 W	120 / 1	2.0	DIRECT		2, 3, 4

NOTES:

- 1) ROOF JACK AND CURB
- 2) WALL CAP
- 3) PAINTED WHITE ALUMINUM GRILLE
- 4) OCCUPANCY SENSOR, BY ELECTRICAL CONTRACTOR. COORDINATE WITH ELECTRICAL CONTRACTOR
- 5) PROVIDE WITH CONTACTOR. EXHAUST FAN IS TO BE ENERGIZED WITH EITHER OF THE OCCUPANCY SENSORS IN THE RESTROOMS IS ACTIVATED, COORDINATE WITH ELECTRICAL CONTRACTOR
- 6) ROOF CURB, 14" MINIMUM HEIGHT
- 7) THERMOSTA TO ENERGIZE FAN WHEN TEMP IS ABOVE 85 DEGREES F
- 8) INLET GUARD, BACKDRAFT DAMPER

ELECTRIC UNIT HEATER

MARK	SERVES	MOUNTING	HEATING MBH	V/PH/Hz	AMPS	KW	MANUFACTURER	MODEL #	NOTES
UH-1	JAN 102	WALL	10.2	240/1	12.5	3	QMARK	MUH0321	1, 2
UH-2	CONC S 101	WALL	10.2	240/1	12.5	3	QMARK	MUH0321	1, 2

NOTES:

- 1) PROVIDE W/ INTEGRAL THERMOSTAT AND DISCONNECT SWITCH
- 2) PROVIDE WITH UNIVERSAL WALL/CEILING MOUNT ARM

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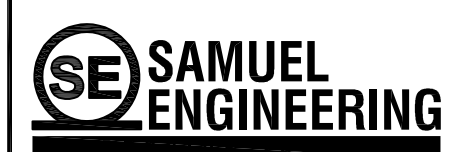
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JOB NO.
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 PL

SHEET NO.
 M-5

SE PROJECT NUMBER: 23415

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