

Order Plans @

ELECTRIC UNIT HEATER SCHEDULE										
TAG	SERVICE	TYPE	AIR FLOW (CFM)	VOLTS PHASE	MIN TOTAL CAPACITY (MBH)	ELECTRIC HEAT INPUT (KW)	APPROX OPERATING WEIGHT (LB.)	MANUFACTURER	MODEL	NOTES
EUH-1	RISER ROOM	FAN FORCED WALL HEATER	400	208/3	12.2	3.3	25 (H-6%)	MARKEL	5100 SERIES	1-6

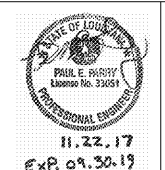
NOTES:  
 1. PROVIDE WITH THERMAL OVERLOAD CUT-OFF, BUILT-IN TAMPER PROOF THERMOSTAT, AND CIRCUIT BREAKER.  
 2. PROVIDE WITH OVERHEAT PROTECTION.  
 3. PROVIDE WITH IN-Room TEMPERATURE CONTROL.  
 4. PROVIDE WITH BUMMER FAN SWITCH TO OPERATE THE FAN ONLY.  
 5. PROVIDE WITH POWER DISCONNECT SWITCH.  
 6. HEATING ELEMENT SHALL BE SUPPLIED WITH A MANUFACTURERS 1-YEAR WARRANTY.

AIR DEVICE SCHEDULE										
MARK	SERVICE	TYPE	FACE APPEARANCE	FACE SIZE (SQ)	THROW PATTERN	MATERIAL	WARRANTY	MODEL	MANUFACTURER	NOTES
A	SUPPLY	CEILING	COVERED	14X24	4-90°	ALUMINUM	36MTH	F408	TRUSS	1-5
B	SUPPLY	CEILING	COVERED	12X12	4-90°	ALUMINUM	36MTH	F408-AA	TRUSS	1-5
RA	RETURN/EXHAUST	CEILING	15"X15"X1" SQUARE	24X24	N/A	ALUMINUM	36MTH	802	TRUSS	1-5
RB	RETURN/EXHAUST	CEILING	15"X15"X1" SQUARE	12X12	N/A	ALUMINUM	36MTH	802	TRUSS	1-5
SD	EXHAUST	MICROCAL	FIXED COVERED 3-4" SPACING, 45 DEG	-	N/A	STAINLESS	36MTH	3095L15R	TRUSS	1-5

NOTES:  
 1. FRAME SHALL BE SUITABLE FOR SECURING TO THE CONSTRUCTION MATERIAL.  
 2. PROVIDE ROUND TO SQUARE OR ROUND TO ROUND TRANSITION WHEN REQUIRED.  
 3. PROVIDE WITH MANUAL BALANCING DAMPER AT BROW IN TAKE-OFF.

AIR BALANCE					
UNIT	AREA SERVED	SUPPLY AIR	OUTSIDE AIR	RETURN AIR	EXHAUST AIR
RTU-1	SEE FLOOR PLAN	975 CFM	275 CFM	700 CFM	-
RTU-2	SEE FLOOR PLAN	1850 CFM	310 CFM	1540 CFM	-
RTU-3	SEE FLOOR PLAN	1075 CFM	190 CFM	885 CFM	-
RTU-4	SEE FLOOR PLAN	2585 CFM	940 CFM	1645 CFM	-
RTU-5	SEE FLOOR PLAN	1420 CFM	590 CFM	830 CFM	-
RTU-6	SEE FLOOR PLAN	3150 CFM	258 CFM	2892 CFM	-
RTU-7	SEE FLOOR PLAN	1430 CFM	1270 CFM	360 CFM	-
EF-1	SEE FLOOR PLAN	-	-	-	710 CFM
EF-3	SEE FLOOR PLAN	-	-	-	400 CFM
EF-4	SEE FLOOR PLAN	-	-	-	320 CFM
EF-5	SEE FLOOR PLAN	-	-	-	150 CFM
EF-7	IN-PATIENT 7	-	-	-	50 CFM
EF-8	TRIAGE & LAB	-	-	-	50 CFM
EF-9	DECONTAMINATION ROOM	-	-	-	320 CFM
EF-10	BODY ROOM	-	-	-	100 CFM
TOTAL:		12265 CFM	520 CFM	8665 CFM	3020 CFM
BUILDING PRESSURE:		300 CF			

O.A. SCHEDULE (MC 2012)																
UNIT	ROOM	A <sub>z</sub>	R <sub>z</sub>	A <sub>o</sub>	P <sub>z</sub>	N <sub>z</sub>	E <sub>c</sub>	V <sub>o</sub>	O.A. REQUIRED	UNCORRECTED OR STATE	ZONE PRIMARY AIRFLOW	Z <sub>r</sub>	E <sub>s</sub>	UNBALANCE		
		ZONE FLOOR AREA (FT <sup>2</sup> )	OUTDOOR AIRFLOW RATE PER PERSON	OUTDOOR AIRFLOW RATE PER AREA	ZONE POPULATION	BREATHING ZONE OUTDOOR AIRFLOW	AIR DISTRIBUTION CONFIGURATION	ZONE OUTDOOR AIRFLOW	MIN AIR CHANGES PER HOUR				SYSTEM EFFICIENCY			
RTU-1	100 - TRIAGE ROOM	305	30	0	4	106	0.6	150	3	354	167	150	0.16	0.9	167	
TOTAL					D= 1			V <sub>o</sub>	150		167					
RTU-2	109B - OUTPATIENT WAITING AREA 109A - EN WAITING AREA	468	5	0.38	30	177	0.6	222	2	153	310	222	1110	0.20	0.9	310
TOTAL					D= 1			V <sub>o</sub>	222		310					
RTU-3	108 - FLEM 113 - MULTIPURPOSE 111 - HOURS 112 - BUSINESS OFFICE 115 - BREAK ROOM CNS - CORRIDOR	48	0	0.08	1	8	0.6	10	0	0	180	10	50	0.20	0.9	180
TOTAL					D= 1			V <sub>o</sub>	180		180					
RTU-4	CNS-100 - CORRIDOR 102 - SURGICAL TREATMENT 109 - GEN STORAGE 110A - ELECTRICAL RM 110B - ELECTRICAL RM 121 - VAC PUMP 131 - DR LOUNGE 133 - NUTRITION 134 - LAB 135 - CLEAN SUPPLY 137 - NURSE STATION 132 - MED RM	2280	0	0.08	0	137	0.6	171	0	0	604	71	75	0.22	0.7	604
TOTAL					D= 0.85			V <sub>o</sub>	422		604					
RTU-5	160 - SALLYPORT 159 - IN-PATIENT 1 157 - IN-PATIENT 2 156 - IN-PATIENT 3 154 - IN-PATIENT 4 153 - IN-PATIENT 5 151 - IN-PATIENT 6	71	5	0.08	8	42	0.6	55	2	40	0	53	170	0.31	0.8	410
TOTAL					D= 1			V <sub>o</sub>	328		410					
RTU-6	140 - PAY 142 - PH 132 - SCHED CORRIDOR 130 - ENGINEERS OFFICE	208	15	0	1	15	0.6	19	2	69	79	39	220	0.09	1.0	79
TOTAL					D= 1			V <sub>o</sub>	79		79					
RTU-7	145 - IN-PATIENT 7 148 - VESTIBULE 146 - IN-PATIENT 8 144 - IN-PATIENT 9 142 - IN-PATIENT 10 141 - CLEAN SUPPLY CNS - CORRIDOR	120	25	0	2	50	0.6	65	2	40	417	63	230	0.27	0.7	417
TOTAL					D= 1			V <sub>o</sub>	292		417					



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**CONSTRUCTION REISSUE SET**

Project No. 1607050  
 Drawn: DL/MP  
 Checked: MZ  
 Date: November 22, 2017

No.	Description	Date

**M202**  
 MECHANICAL SCHEDULES