

MECHANICAL EQUIPMENT (ELECTRIC HEAT) SCHEDULE

TAG	FLOW RATE		STATIC PRESSURE		ELECTRICAL DATA			DX COOLING				ELECTRIC HEATING			BASIS OF DESIGN			
	SUPPLY	OA	EXTERNAL	IN WG	MCA	MOC/P	VOLTAGE	SENSIBLE	TOTAL	ENT. AIR TEMP	LEA. AIR TEMP	COIL	MANUFACTURER	MODEL OR SERIES	HP	SEER/EER	HEIGHT (LBS)	
RTU-1	1400	250	0.5	40.8	45	208/3Ø	34.2	48	80/66	56/65	1	9	208/3Ø	TRANE	THC048F	1	15 SEER / 13.5 EER	642
RTU-2	1300	275	0.5	40.8	45	208/3Ø	33.5	47.5	80/67	57/56	1	9	208/3Ø	TRANE	THC048F	1	15 SEER / 13.5 EER	642

NOTES:
1. UNIT TO BE PROVIDED WITH ELECTRIC HEAT, FAN, DX COOLING COIL, AND FILTER SECTION.
2. PROVIDE 14" ROOF CURB AND HAIL GUARD.

GRAVITY HOOD SCHEDULE

MARK	9H-1	9H-2
SERVICE	EF-1, 3	EF-2
INTAKE/RELIEF	RELIEF	RELIEF
CFM (COMMON/ECONOMIZER)	150	300
HOOD SIZE (DIAMETER)	8"ø	12"ø
MIN. THROAT AREA (SQ. FT.)	0.35	0.79
THROAT AREA VELOCITY (FPM)	315	320
MAX. P.D. (IN. W.G.)	0.05	0.05
MANUFACTURER	L. COOK	L. COOK
MODEL NO.	8PR	12PR

NOTES:
1. PROVIDE ROOF CURB, BIRD SCREEN AND BACK DRAFT DAMPER.

MECHANICAL AIR TERMINAL DEVICES SCHEDULE

TAG	SIZE	DESCRIPTION	CONSTRUCTION	FINISH	BASIS OF DESIGN		NOTES
					MANUFACTURER	MODEL OR SERIES	
A	24X24	LOWERED FACE RETURN AIR GRILLE	ALUMINUM	WHITE	TITUS	TMS-AA	ALL
B	24X24	PERFORATED FACE RETURN AIR GRILLE	ALUMINUM	WHITE	TITUS	PAR-AA	ALL
C	12X12	LOWERED FACE SUPPLY AIR DIFFUSER	ALUMINUM	WHITE	TITUS	TMS-AA	ALL
D	4" 6" Inlet	1.0' HOOD HIGH DOWN PATTERN UPPER DIFFUSER 1-SLOT	ALUMINUM	WHITE	TITUS	FL-10	ALL
E	12X12	PERFORATED FACE RETURN AIR GRILLE	ALUMINUM	WHITE	TITUS	PAR-AA	ALL

NOTES:
1. PROVIDE STANDARD WHITE FINISH FOR ALL AIR DEVICES UNLESS NOTED OTHERWISE ON PLAN.
2. PAINT ALL SURFACES VISIBLE THROUGH FACE OF RETURN AIR GRILLES FLAT BLACK. THIS SHALL INCLUDE PIPING, CONDUIT, DUCTWORK, AND STRUCTURAL MEMBERS.
3. PROVIDE FRAME FOR MOUNTING AIR DEVICE IN LAY-IN GRID CEILING UNLESS REFLECTED CEILING PLAN INDICATES HARD CEILING. IN AREAS WITH HARD CEILINGS, PROVIDE FRAMES FOR SURFACE MOUNTING.
4. UNLESS OTHERWISE NOTED, BRANCH DUCTS SERVING AIR DEVICES SHALL BE SAME SIZE AS NECK OF AIR DEVICE.
5. AIR DEVICE SHALL BE OF GALVANIZED FINISH WHEN INSTALLED ON EXPOSED DUCTWORK.

FOR ROUND NECK DIFFUSERS:
6" DIA: 0-120 CFM
8" DIA: 125-220 CFM
10" DIA: 225-380 CFM
12" DIA: 385-600 CFM

MECHANICAL FAN SCHEDULE

TAG	FLOW RATE	STATIC PRESSURE		MOTOR DATA		ELECTRICAL DATA		MAXIMUM LOUDNESS	BASIS OF DESIGN		NOTES
		EXTERNAL	IN WG	HP	RPM	MCA	MOC/P		VOLTAGE	SONES	
EF-1	75	0.15	-	750	0.4	15	120	.8	L. COOK	GC-128	1-3.6
EF-2	150	0.15	-	1075	0.4	15	120	2.5	L. COOK	GC-148	2-4
EF-3	300	0.15	-	1319	1.0	15	120	3.5	L. COOK	GC-542	2,3.5

NOTES:
1. INTERCONNECT WITH LIGHTS IN ROOM. REFER TO ELECTRICAL LIGHTING PLAN.
2. PROVIDE FACTORY MOUNTED AND INSTALLED DISCONNECT.
3. PROVIDE ACCESS DOOR TO SERVICE UNIT IF IN HARD CEILING.
4. INTERCONNECT WITH DENTAL GAS SENSOR.
5. INTERCONNECT WITH T-STAT AND SET CUT-ON TEMP TO 80°F.
6. PROVIDE BACK DRAFT FLAP DAMPER.

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