

LaQuinta Inn and Suites
MARKET CENTER – LOCATION 6482
DALLAS, TEXAS



RSS ARCHITECTS LLC
2201 DOTTIE LYNN PKWY, SUITE H5
FORT WORTH, TEXAS 76120
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AIR CONDITIONING UNIT SCHEDULE (ELECTRIC HEAT)

DESIGNATION	ACCU-1	ACCU-2	ACCU-3, 4, 5	ACCU-6	ACCU-7	ACCU-8, 9, 10
SUPPLY CFM	1800	1400	1200	360	1800	1800
OA CFM	250	200	250	-	120	120
EXH. SP. N. WIG.	0.6	0.1	0.6	-	0.65	0.65
COIL ROU/FPI	4/4	4/4	3/4	3/4	3/4	3/4
BLOWER HP	3/4	1/2	1/3	0.14/0.10/0.14	1/3	1/3
ELECTRICAL	208/160	208/160	208/160	208/160	208/160	208/160
> FILTER	1" 1A	1" 1A	1" 1A	-	1" 1A	1" 1A
W. WEIGHT	250 LBS.	250 LBS.	200 LBS.	75 LBS.	200 LBS.	200 LBS.
W. TCA	24	20	5	9	10	15
Z. TCOF	40	30	25	5	5	5
O. ELECTRICAL	208/160	208/160	208/160	208/160	208/160	208/160
U. WEIGHT	53.3	42.1	28.6	5.0	28.4	28.4
U. TOTAL COOLNG CAP (REU) NET	411	321	19.4	-	221	221
O. SENSIBLE CAPACITY (REU) NET	16/6.4	16/6.4	16/6.5	80/6.1	11/6.4.5	11/6.4.5
U. ENTERING AIR (DB) DB F	105	105	105	95	105	105
U. AERIAL AIR (DB) F	51.6	51.6	51.6	-	51.6	51.6
V. VOLTAGE	208/160	208/160	208/160	-	208/160	208/160
W. SIZES	31/40	31/40	31/40	-	31/40	31/40
± SINGLE POINT TCA / TCOF	TRAKE	TRAKE	TRAKE	TRAKE	TRAKE	TRAKE
± MANUFACTURER	TUE263P	TUE263P	TUE263P	HTV-ABVA	TUE209P	TUE209P
± BLOWER / COIL	411A2020	411A2020	411A2026	HTV-ABVA	411A2020	411A2020
Z. CONDENSING UNIT	-	-	-	-	-	-

NOTE: FINISH COMPLETE WITH 14X18S FILTER RACKS, AND ELECTRONIC PROGRAMMABLE AUTO CHANGE-OVER THERMOSTATS WHICH COMPLY WITH ENERGY CODE. COORDINATE WITH EHS CONTRACTOR AS TO LOCATION AND TYPE OF ROOM THERMOSTATS. EHS BY "INCOM". ALL UNIT SERVING CORRIDORS SHALL BE INTERLOCKED TO THE FIRE ALARM SYSTEM TO SHUT DOWN ON SMOKE DETECTION IN CORRIDORS.

FAN SCHEDULE

DESIGNATION	SERVICE	CFM	S.P.	RTM	BORES	DRIVE	TYPE	AMP	MOTOR VOLT	PHASE	MANUFAC.	MODEL NO.	NOTE
EF-1	JANITOR'S CLOSET	80	0.15	DIRECT	0.3	DIRECT	E	0.4	120	1	BROAN	GTXE080	1
EF-2	ELECTRIC ROOM	80	0.15	DIRECT	0.3	DIRECT	E	0.4	120	1	BROAN	GTXE080	1
EF-3	TOILET	130	0.50"	-	5.0	BELT	G	1/4HP	120	1	COOK	1020UB	1
EF-4	TOILET	130	0.50"	-	5.0	BELT	G	1/4HP	120	1	COOK	1020UB	1
EF-5	LINEIN	80	0.15	DIRECT	0.3	DIRECT	E	0.4	120	1	BROAN	GTXE080	1
EF-6	MECHANICAL ROOM	80	0.15	DIRECT	0.3	DIRECT	E	0.4	120	1	BROAN	GTXE080	1
EF-7	TOILET	105	0.15"	BELT	1.0	BELT	C	1/4HP	120	1	COOK	ACCB-100	2
EF-8	TOILET	945	0.15"	BELT	1.0	BELT	C	1/4HP	120	1	COOK	ACCB-100	2
EF-9	TOILET	1100	0.15"	BELT	1.0	BELT	C	1/4HP	120	1	COOK	ACCB-100	2
EF-10	TOILET	840	0.15"	BELT	1.0	BELT	C	1/4HP	120	1	COOK	ACCB-100	2

NOTE 1. PROVIDE SEPARATE WALL SWITCH. NOTE 2. PROVIDE 1-DAY PROGRAMMABLE THER INTERFACED TO EHS.

- A. CENTRIFUGAL VENT SET. B1 COULB
- B. ROOF MOUNTED CENTRIFUGAL UPBELLAST WITH SPARKPROOF WHEEL.
- C. ROOF MOUNTED CENTRIFUGAL WITH BACKDRAFT DAMPER & ROOF CURB
- D. WALL MOUNTED PROPELLER WITH WALL COLLAR, GRAVITY SHUTTER & WIRE GUARD
- E. CEILING EXHAUSTER WITH DUCT TO WALL CAP
- F. IN-LINE CENTRIFUGAL, SUSPEND WITH SPRING STEEL, VIBRATION ISOLATORS.
- G. WALL MOUNTED CENTRIFUGAL WITH BACKDRAFT DAMPER

PTAC AIR CONDITIONING UNIT SCHEDULE

AC #	TOWAGE	TOTAL CFM	OA CFM	FAN HP	COOLING TON	HEATING	VOLTS/PH	TCA	MCO	TRAKE
PTAC-1	.75	3000	-	-	9	3KW	208/1	14.5	20	PTAC090E
PTAC-2	1	4000	-	-	12	3KW	208/1	14.5	20	PTAC090E
PTAC-3	1.25	5000	-	-	15	3KW	208/1	19.5	20	PTAC090E

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AIR DEVICE SCHEDULE

DESIGNATION	TYPE	MODEL	MATERIAL	FINISH	ACCESSORIES	REMARKS
CD	TT105	TT105	STEEL	WHITE		24"x24" OR AS SHOWN
6R	TT105	12R55	ALUMINUM	WHITE		DOUBLE DEFLECTION
RG	TT105	355P	ALUMINUM	WHITE		
ER	TT105	355P5	ALUMINUM	WHITE		OBD
WALL CAP	COOK	UCG-1	GALV. STEEL	-		BINDSCREEN
ROOF CAP	PROOF	PROOF	GALV. STEEL	-		BINDSCREEN
BRICK VENT	COOK	BV2	ALUMINUM	-		BINDSCREEN

ELECTRIC HEATER SCHEDULE

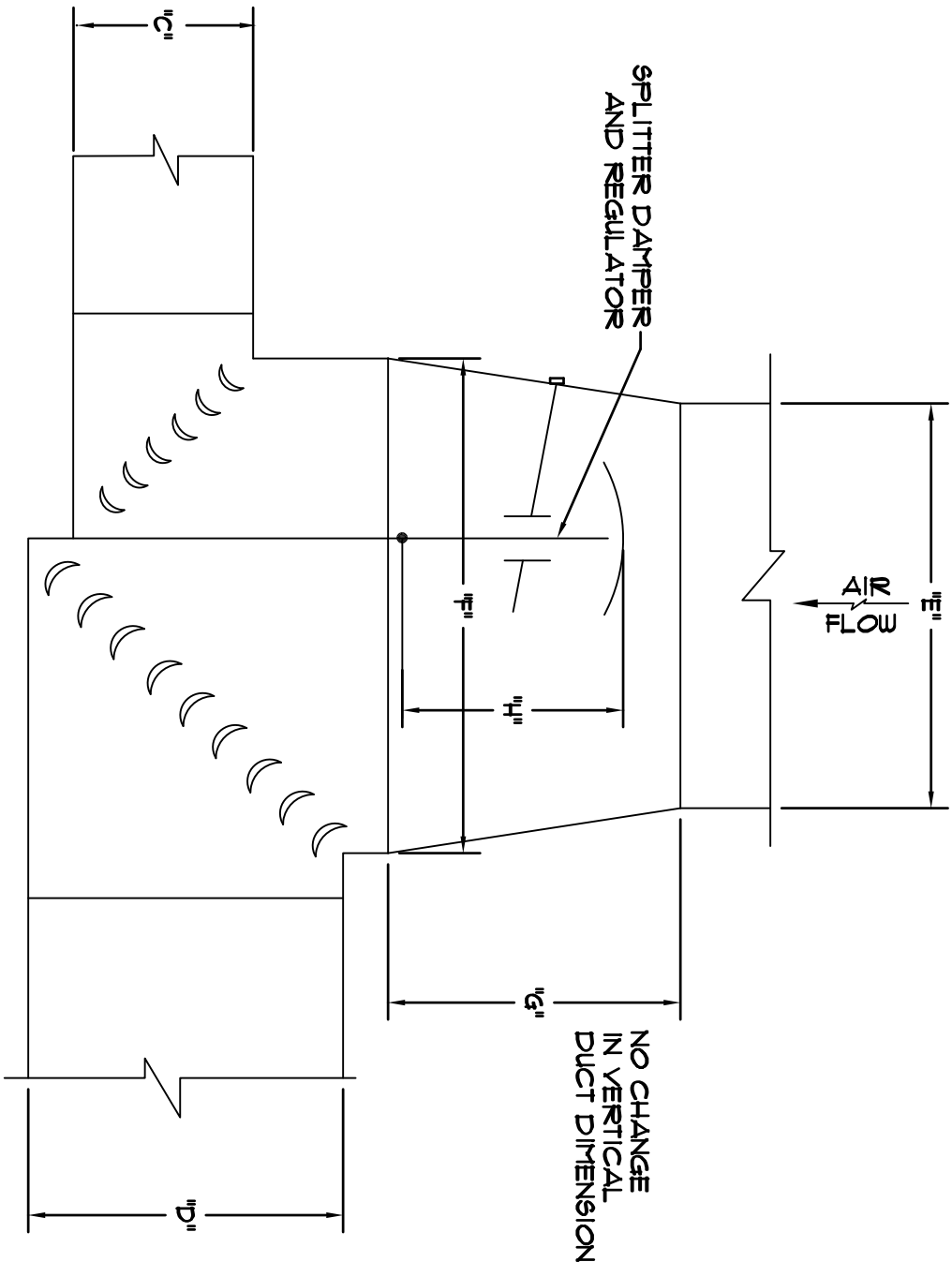
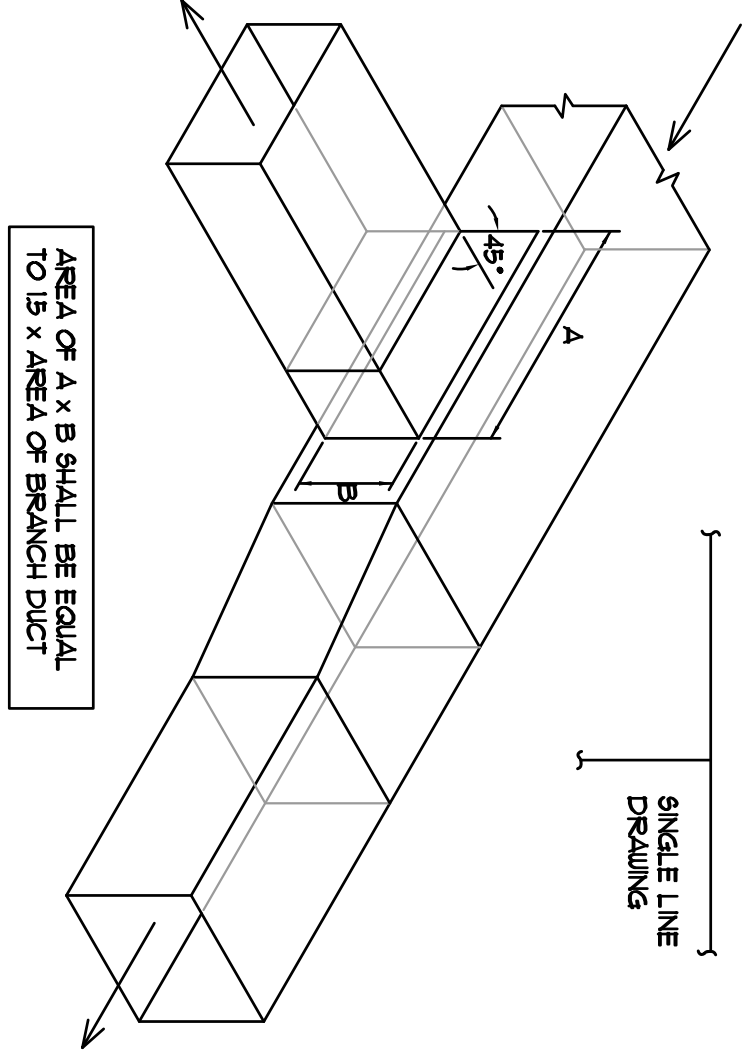
MARK	CFM	EXT	FAN HP	INPUT KW	OUTPUT TON	SIZES	VOLTAGE	MANUFACTURER
UNIT HEATER	-	9"	-	0.5	1.5	1	120/1	BERCO PHT-500-A

PROVIDE WITH BUILT-IN FREEZE PROTECTION THERMOSTAT.

DETAILS & SCHEDULES

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NO SCALE



DIMENSION RELATIONSHIPS

- 1. ANGLES A & B EACH TO BE 15 DEGREES OR LESS
- 2. SEE DUCT PLANS FOR VALUES FOR C, D & E.
- 3. F = C + D
- 4. H = 15 X C
- 5. G = H + 3" (MINIMUM)
- 6. HEIGHT OF FITTING EQUAL TO THAT OF HIGHEST OF THREE DUCTS.
- 7. CHANGE IN HEIGHTS OF DOWNSTREAM DUCTS TO OCCUR AFTER THE TURN.