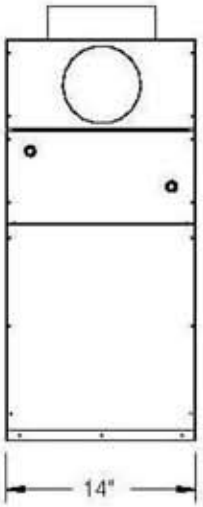
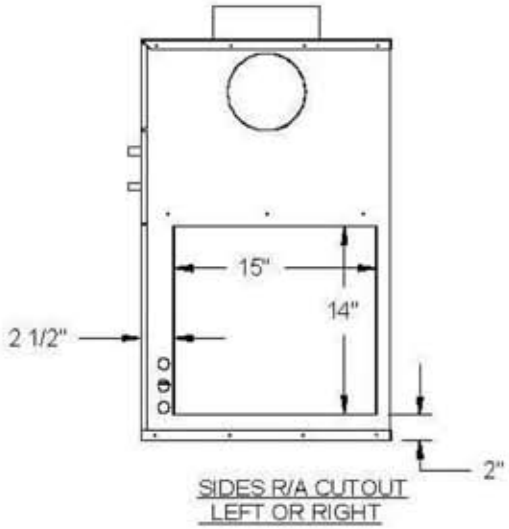
MAXAIR™ Technical Specifications

MAXAIR™ Specifications	MAXAIR™ 50	MAXAIR™ 70	MAXAIR™ 100
BTUH Heating@180°F E.W.T.	55,649	77,981	98,593
BTUH Heating@170°F E.W.T.	49,971	69,804	89,630
BTUH Heating@160°F E.W.T.	44,700	58,902	80,666
BTUH Heating@150°F E.W.T.	39,086	50,519	71,704
BTUH Heating@140°F E.W.T.	35,195	46,278	62,741
BTUH Heating@130°F E.W.T.	30,250	41,000	53,500
TX Cooling (Tons)[1]	1 1/2 - 2.0	2 1/2	3
C.F.M. @ 1.5"E.S.P.	580	750	950
HP - RPM	1/2 - 1,625	3/4 - 1,625	3/4 - 1,625
Motor AMPS @ 120/1/60	6.2	8.7	8.7
G.P.M. Flow Rating	5	7	8
FAN Coil Size (L/W/H)	30"x14"x18 1/2"	36"x18"x19 1/2"	36"x18"x25 1/2"
Supply Air Size	8	8	10
Return Air Size Required	12"x14" min.	16"x15" min.	16"x16" min.
Minimum Outlets	13	16	19
Maximum Outlets	17	20	25

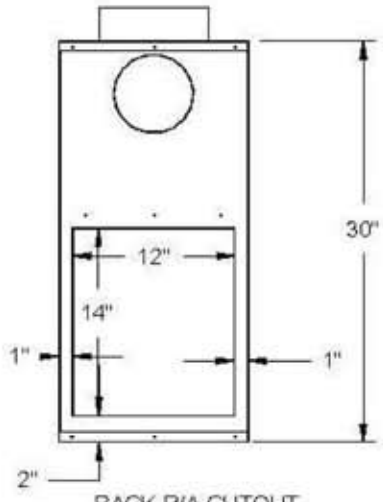
(1) Smaller condensers maybe matched to fan coil when required (match TXV to condenser size)

(2) Engineered System

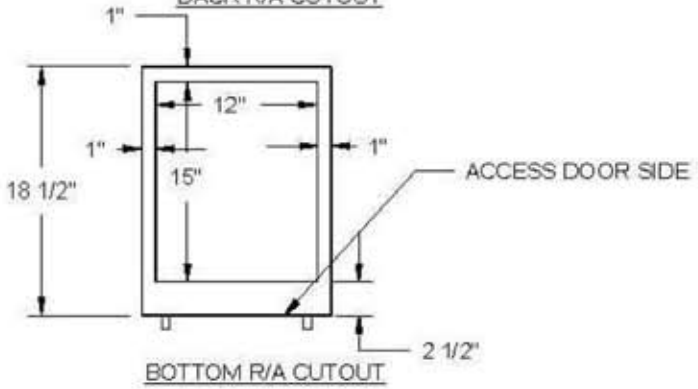




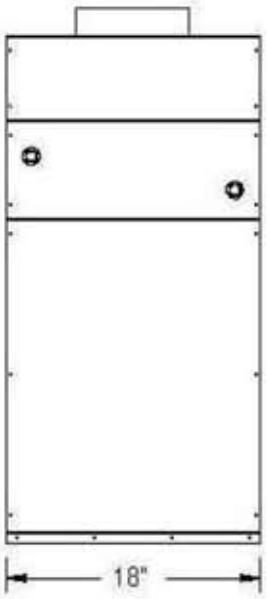
SIDES R/A CUTOUT
LEFT OR RIGHT

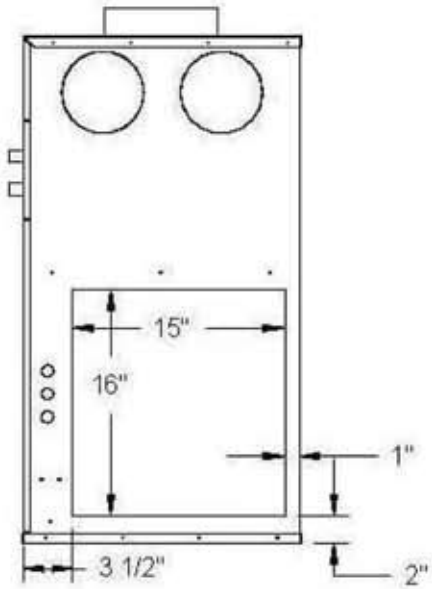


BACK R/A CUTOUT

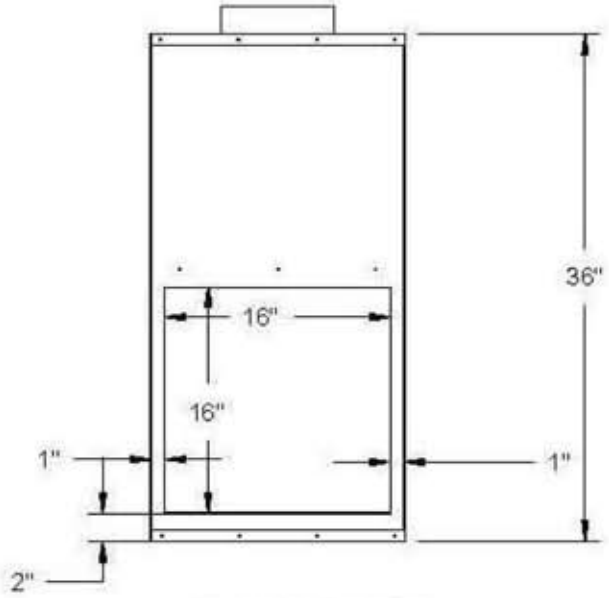


BOTTOM R/A CUTOUT

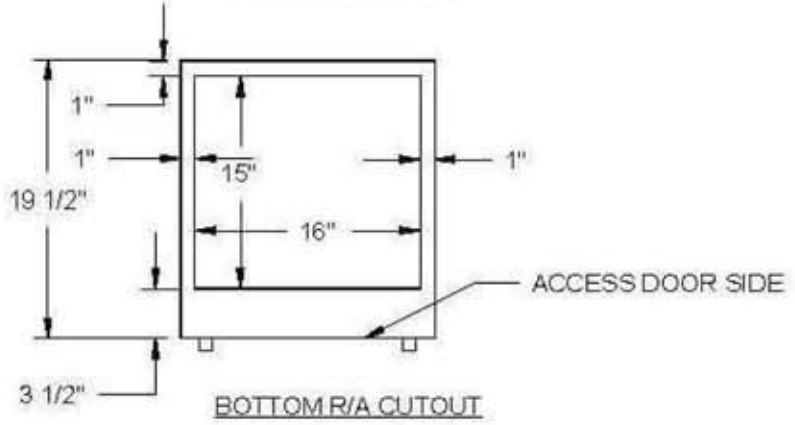




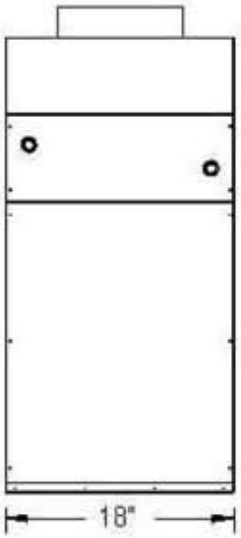
SIDES R/A CUTOUT
LEFT OR RIGHT

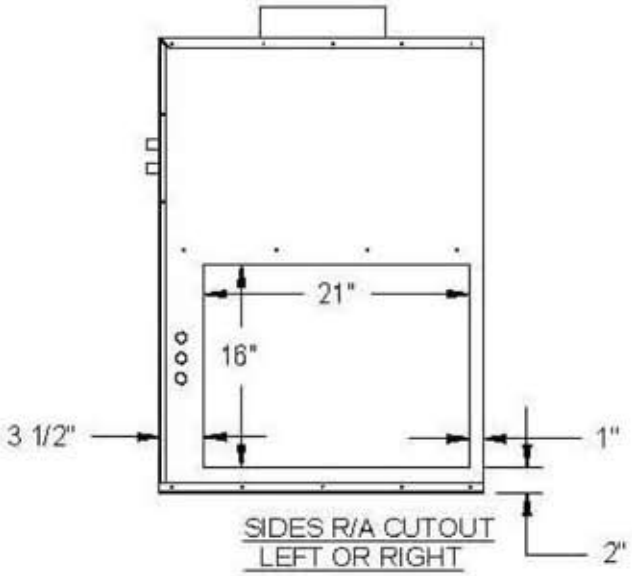


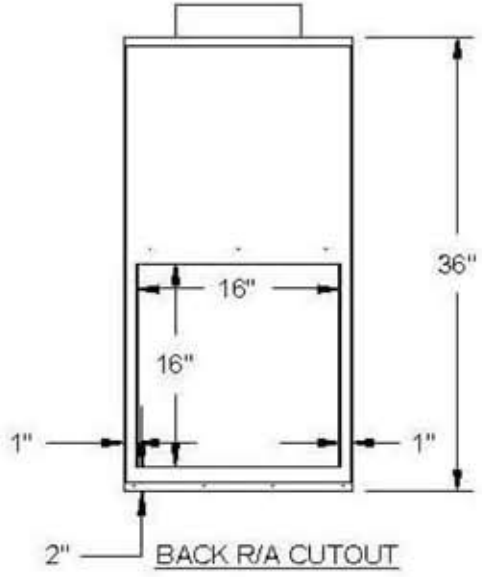
BACK R/A CUTOUT

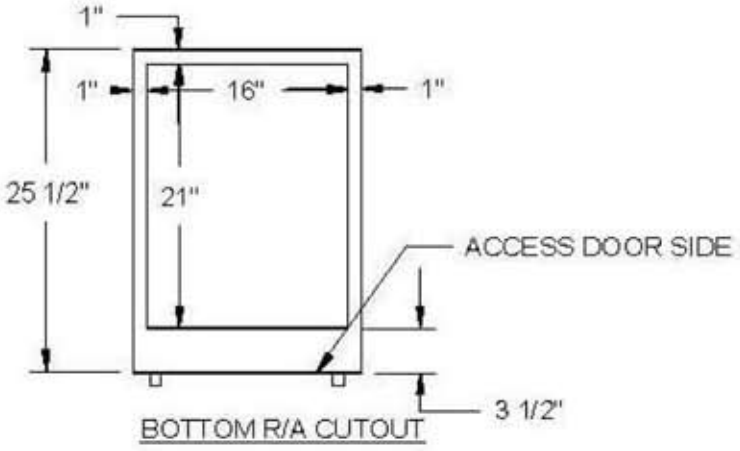


BOTTOM R/A CUTOUT


18"

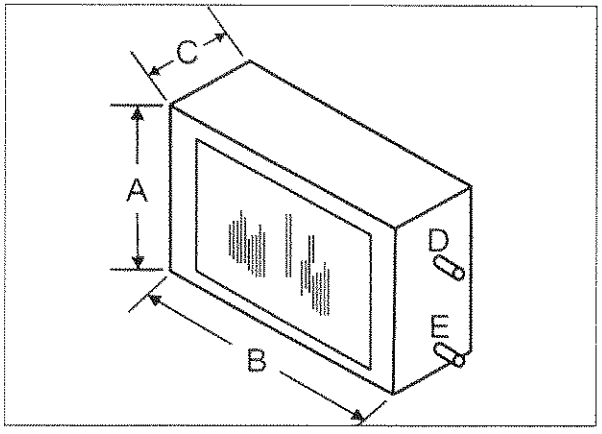

21"
16"
3 1/2"
1"
2"
SIDES R/A CUTOUT
LEFT OR RIGHT


16"
16"
36"
1"
1"
2"
BACK R/A CUTOUT


1"
1"
16"
1"
25 1/2"
21"
ACCESS DOOR SIDE
3 1/2"
BOTTOM R/A CUTOUT

APPENDIX C

evaporator coil sizes

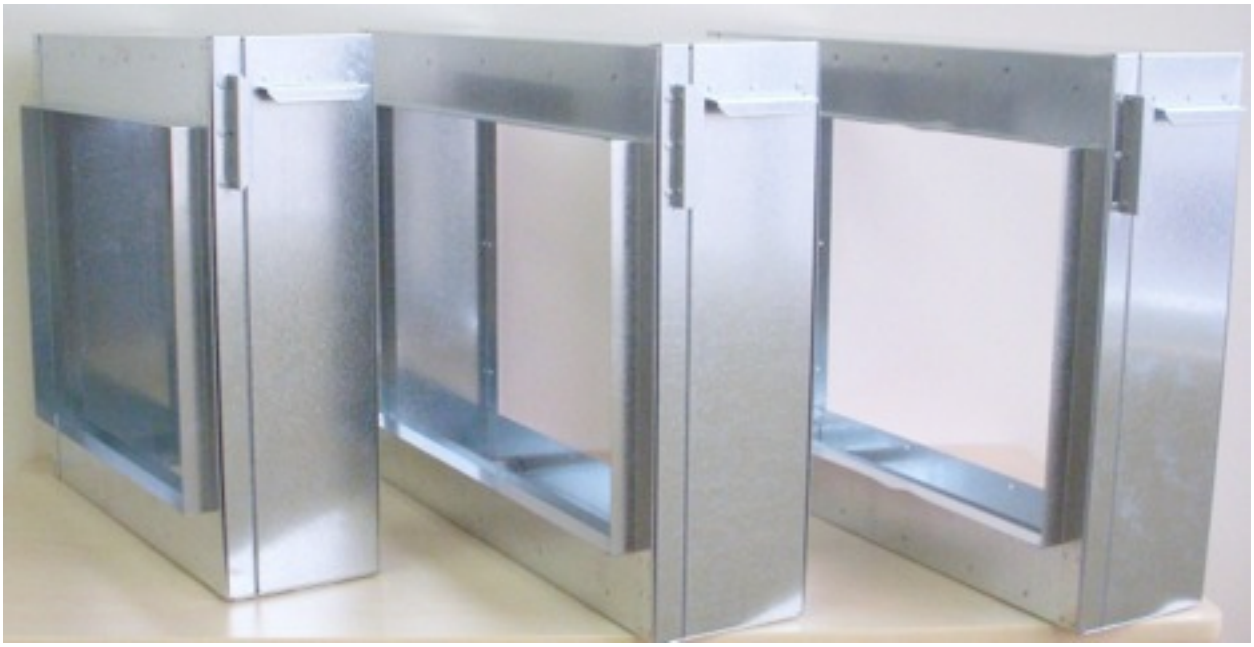


The coil module comes with two thermal expansion valves, two access ports, and an external frost thermostat and must be installed in the vertical position on the return air side of the fan coil.

COIL SPECIFICATIONS:

Nominal Cooling Capacity	Model	Length (B)	Width (C)	Weight (lb)	Airflow for Nominal Cooling (cfm)	Depth (A)	Coil Size
1 T	MA24-50-1	19	4.5	15	400	18	11x16x2Rx10fpi
1 1/2T	MA18-50	19	4.5	12	600	18	11x16x3Rx10fpi
2T	MA24-50	19	4.5	15	800	18	11x16x4Rx10fpi
2 1/2T	MA30-70	23	4.5	20	1000	18	15x16x4Rx10fpi
3T	MA36-100	23.5	4.5	25	1200	18	19x16x4Rx10fpi

50/70/100 CCFF-001 Cooling Coil Filter Frame Cabinets



Max – 50 cooling coil/filter frame 20" x 20" x 6-1/4" deep (accepts 16 x 20 x 1 filter), Return air connection is (14 x 18).

Max – 70/100 cooling coil/filter frame 20" x 25" x 6-1/4" deep (accepts 16 x 25 x 1 filter, Return air connection is (14 x 23).