

SIZE	NOMINAL AIRFLOW		A in. (mm)	B in. (mm)	C in. (mm)	D in. (mm)	QTY OF BLOWERS	ECM MOTOR			
								HP	TOTAL AMPS		
	CFM	L/s							115V	208/240V	277V
02	200	94	27 3/4" (705)	36 7/8" (937)	24" (610)	19 1/4" (489)	1	1/4	1.5	1.1	1.1
03	300	142	31 3/4" (806)	40 7/8" (1038)	28" (711)	23 1/4" (591)	2	1/4	1.6	1.2	1.1
04	400	189	35 3/4" (908)	44 7/8" (1140)	32" (813)	27 1/4" (692)	2	1/4	2.0	1.4	1.3
06	600	283	43 3/4" (1111)	52 7/8" (1343)	40" (1016)	35 1/4" (895)	2	1/4	2.8	2.0	1.7
08	800	378	51 3/4" (1314)	60 7/8" (1546)	48" (1219)	43 1/4" (1099)	2	1/4	3.5	2.3	2.3
10	1000	472	63 3/4" (1619)	72 7/8" (1851)	60" (1524)	55 1/4" (1403)	4	1/4 x 2	4.8	3.4	2.8
12	1200	566	71 3/4" (1822)	80 7/8" (2054)	68" (1727)	63 1/4" (1607)	4	1/4 x 2	5.6	3.6	3.1

NOTES:

1. LH COILS, RH CONTROLS SHOWN. OPPOSITE HANDING IS AVAILABLE
2. HANDING DETERMINED BY LOOKING AT INLET
3. PROVIDE SUFFICIENT ELECTRICAL CLEARANCE TO COMPLY WITH APPLICABLE CODES

ALL METRIC DIMENSIONS [] ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:		price	
ENGINEER:			
CUSTOMER:		DRAWING NO: 278202	FAN COIL FCV-1-X FAN COIL VERTICAL CONCEALED TOP DISCHARGE
SUBMITTAL DATE:		DATE DRAWN: 2025-07-07	
SPEC. SYMBOL:			

STANDARD CONSTRUCTION:

- 20 GA. GALVANIZED STEEL CASING
- GALVANIZED HARDWARE
- 1" DISCHARGE RAW DUCT FLANGE
- REAR CUTOUTS FOR WALL MOUNTING
- 2" MERV 8 PLEATED FILTER
- INTERNAL INSULATION - FIBERGLASS 1/2" (13mm) THICK
- DISCONNECT SWITCH

FAN & MOTOR ASSEMBLY

- ELECTRONICALLY COMMUTATED MOTOR (ECM)
- MODULATING MOTOR CONTROL
- LINE VOLTAGE TO 24V TRANSFORMER

WATER COILS & DRAIN PAN:

- WATER COIL EQUIPPED WITH GALVANIZED STEEL DRAIN PAN EXTERNALLY INSULATED WITH FIBER FREE FOAM
- 3/4" NPT DRAIN CONNECTION
- COILS - 1/2" O.D. COPPER TUBES, ALUMINUM SINE WAVE FINS, 5/8" O.D. CONNECTIONS
- 2, 3, 4, OR 5 ROW COOLING OR HEATING. ALL COIL CONFIGURATIONS (COOLING, HEATING, REHEAT) UP TO 5 TOTAL ROWS
- RATED TO 300 PSI & 200° F MAX WATER TEMPERATURE

UNIT OPTIONS:

COMPONENT HANDING (LOOKING AT FRONT OF UNIT):

- ELECTRICAL ENCLOSURE HANDING
(MUST BE OPPOSITE OF WATER COIL HANDING)
RH LH
- WATER COIL HANDING
(MUST BE OPPOSITE OF ENCLOSURE HANDING)
RH LH

UNIT VOLTAGE:

- 115/1/60
- 208/1/60
- 240/1/60
- 277/1/60

LINERS:

- FIBER FREE FOAM LINER, 1/2" (13mm)

COIL CONFIGURATION

COOLING/HEATING ONLY:

- 2 ROW
- 3 ROW
- 4 ROW
- 5 ROW

COIL CONFIGURATION

REHEAT:

- 2/1 ROW
- 2/2 ROW
- 3/1 ROW
- 3/2 ROW
- 4/1 ROW

WATER COIL AND DRAIN PAN ACCESSORIES:

- STAINLESS STEEL DRAIN PAN
- SECONDARY DRAIN
- OVERFLOW SAFETY SWITCH

FAN CONTROL & ELECTRICAL:

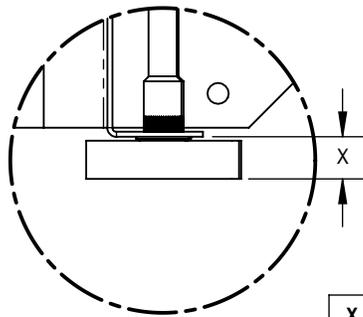
- 24V-24V TRANSFORMER (CONTROL ISOLATION)
- MOTOR FUSING
- CONTROL CIRCUIT FUSING
- 3 SPEED ADJUSTABLE MOTOR CONTROL

UNIT CONSTRUCTION:

- LEVELING LEGS

FILTRATION:

- 2" MERV 13 PLEATED FILTER
- SPARE FILTERS
 - 1 SET
 - 2 SETS
 - 3 SETS
 - 4 SETS
 - 5 SETS



LEVELING LEGS DETAIL

X MIN in. (mm)	X MAX in. (mm)
3/4" (19)	1 3/4" (44)



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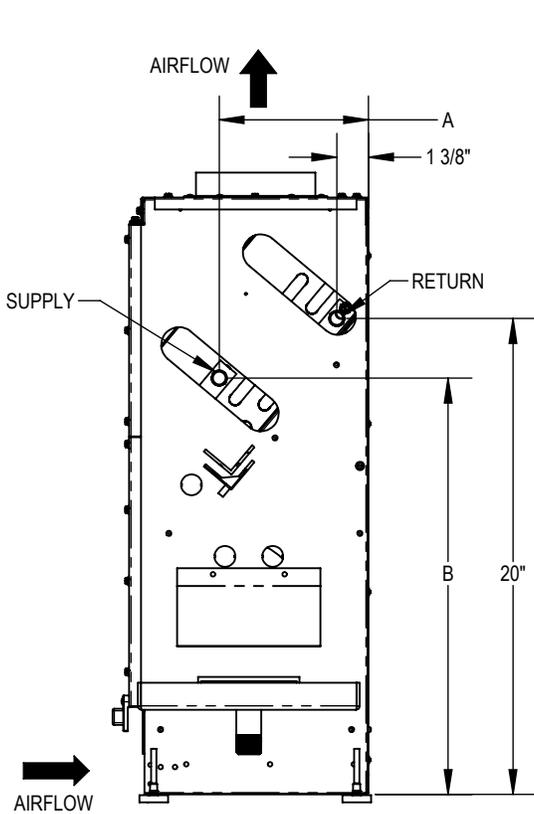
PROJECT:		PRICE [®]	
ENGINEER:		APPROVED BY: <i>TW</i>	FAN COIL FCV-1-X FAN COIL VERTICAL CONCEALED TOP DISCHARGE
CUSTOMER:		DRAWING NO: 278202	
SUBMITTAL DATE:	SPEC. SYMBOL:	DATE DRAWN: 2025-07-07	

UNIT + COIL WEIGHT (lbs)							
COIL ROWS	UNIT SIZE						
	02	03	04	06	08	10	12
2 ROW	37	47	55	62	79	103	115
3 ROW	40	51	60	68	86	111	124
4 ROW	44	55	65	74	93	120	135
5 ROW	47	59	70	80	100	128	144

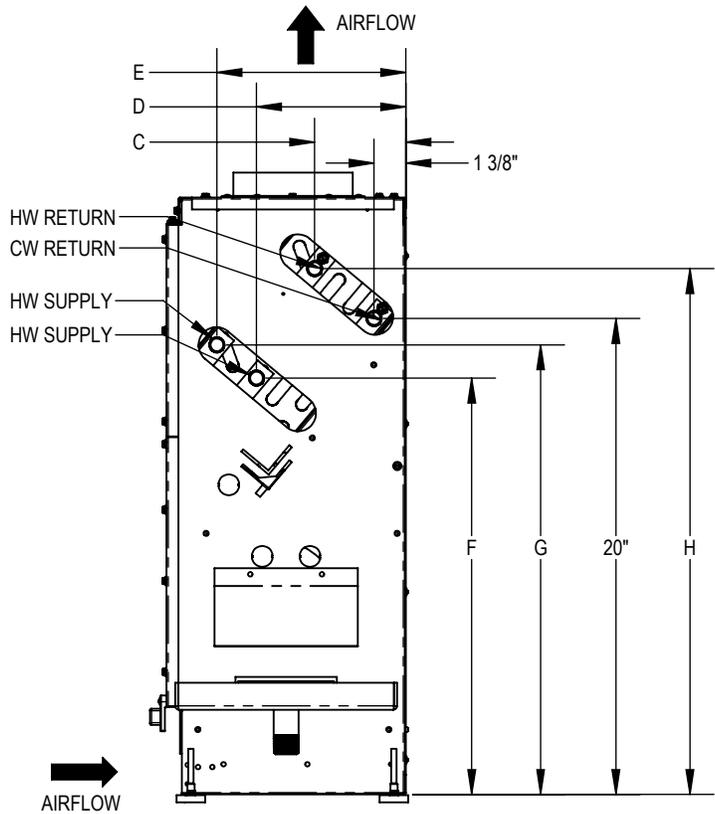
NOTES

1. RH COILS SHOWN
2. COOLING/HEATING COIL DISPLAYED IS 3 ROW 1 CIRCUIT
3. REHEAT COIL DISPLAYED IS 3 ROW COOLING 1 CIRCUIT, 2 ROW HEATING 1 CIRCUIT

REHEAT							COOLING/HEATING ONLY		
COIL ROWS (CW/HW)	C in. (mm)	D in. (mm)	E in. (mm)	F in. (mm)	G in. (mm)	H in. (mm)	COIL ROWS	A in. (mm)	B in. (mm)
2/1	3" (76)	5 3/8" (137)	6 1/4" (159)	16 3/4" (425)	17 1/2" (445)	21 3/8" (543)	2 ROW	5 3/8" (137)	16 3/4" (425)
3/1	3 7/8" (98)	6 1/4" (159)	7 1/8" (181)	17 1/2" (445)	18 1/8" (460)	22" (559)	3 ROW	6 1/4" (159)	17 1/2" (445)
2/2	3" (76)	5 3/8" (137)	7 1/8" (181)	16 3/4" (425)	18 1/8" (460)	21 3/8" (543)	4 ROW	7 1/8" (181)	18 1/8" (460)
4/1	4 5/8" (117)	7 1/8" (181)	7 7/8" (200)	18 1/8" (460)	18 7/8" (479)	22 3/4" (578)	5 ROW	8" (203)	18 7/8" (479)
3/2	3 7/8" (98)	6 1/4" (159)	7 7/8" (200)	17 1/2" (445)	18 7/8" (479)	22" (559)			



COOLING/HEATING ONLY



REHEAT

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ENGINEER:			DRAWING NO: 278202	
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