

SIZE	NOMINAL AIRFLOW		A in. (mm)	B in. (mm)	QTY OF BLOWERS	ECM MOTOR			
	CFM	l/s				HP	TOTAL AMPS		
							115V	208/240V	277V
02	200	94	16 (406)	27 3/8 (695)	1	1/4	1.3	0.9	0.8
03	300	142	20 (508)	31 3/8 (797)	1	1/4	1.4	1.0	0.9
04	400	189	26 (660)	37 3/8 (949)	2	1/4	1.5	1.1	1.0
06	600	283	32 (813)	43 3/8 (1102)	2	1/4	2.0	1.4	1.2
08	800	378	40 (1016)	51 3/8 (1305)	2	1/4	3.5	2.3	2.3
10	1000	472	52 (1321)	63 3/8 (1610)	4	1/4 X 2	3.6	2.5	2.0
12	1200	566	60 (1524)	71 3/8 (1813)	4	1/4 X 2	4.2	2.6	2.2



NOTE:

WATER COIL CONFIGURATION	C in. (mm)
COOLING ONLY	19 1/2 (495)
REHEAT OR PREHEAT	23 1/2 (597)

1. ACTUAL NAMEPLATE AMPS MAY VARY BUT WILL NOT EXCEED VALUES SHOWN
2. RH CONTROLS AND WATER COIL SHOWN, HANDING DETERMINED BY LOOKING AT INLET
3. OPPOSITE HAND COIL AND ELECTRICAL ENCLOSURE AVAILABLE

ALL METRIC DIMENSIONS () ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:		 FAN COIL FCH-2-1 FAN COIL HORIZONTAL CONCEALED
ENGINEER:		
CUSTOMER:		
SUBMITTAL DATE:		
SPEC. SYMBOL:		TW 274875 2022/12/05

STANDARD CONSTRUCTION:

- 20 GA. GALVANIZED STEEL CASING
- GALVANIZED HARDWARE
- 1" DISCHARGE DUCT CONNECTION
- INTEGRATED HANGER BRACKETS FOR SUSPENSION
- ELECTRONICALLY COMMUNTATED MOTOR (ECM)

WATER COILS:

- 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

UNIT OPTIONS:

ELECTRICAL:

- 24V TRANSFORMER
- DISCONNECT SWITCH
- MOTOR FUSING
- CONTROL CIRCUIT FUSING

ACCESSORIES:

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

- 3 SPEED PROGRAM (ECM ONLY)
- MODULATING PROGRAM (ECM ONLY)

COIL CONFIGURATION:

COOLING ONLY:

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


REHEAT (C/H):

- 2/1 ROW
- 2/2 ROW
- 3/1 ROW
- 3/2 ROW
- 4/1 ROW
- 4/2 ROW
- 5/1 ROW
- 5/2 ROW

PREHEAT (H/C):

- 1/2 ROW
- 2/2 ROW
- 1/3 ROW
- 2/3 ROW
- 1/4 ROW
- 2/4 ROW
- 1/5 ROW
- 2/5 ROW

ALL METRIC DIMENSIONS () ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:		
ENGINEER:		
CUSTOMER:		<i>TW</i> 274875
SUBMITTAL DATE:		2022/12/05
SPEC. SYMBOL:		FAN COIL FCH-2-1 FAN COIL HORIZONTAL CONCEALED

UNIT + COOLING COIL WEIGHT LBS (KG)							
ROW COOLING	SIZE						
	2	3	4	6	8	10	12
2 ROWS	25 (11)	33 (15)	38 (17)	43 (20)	43 (20)	73 (33)	81 (37)
3 ROWS	30 (14)	38 (17)	45 (20)	51 (23)	65 (29)	85 (39)	95 (43)
4 ROWS	35 (16)	44 (20)	52 (24)	59 (27)	74 (34)	97 (44)	109 (49)
5 ROWS	40 (18)	50 (23)	59 (27)	67 (30)	84 (38)	110 (50)	123 (56)

HOT WATER COIL WEIGHT LBS (KG)							
ROW HEATING	SIZE						
	2	3	4	6	8	10	12
1 ROW	3 (1)	4 (2)	5 (2)	6 (3)	7 (3)	8 (4)	9 (4)
2 ROWS	7 (3)	8 (4)	10 (5)	12 (5)	14 (6)	17 (8)	20 (9)

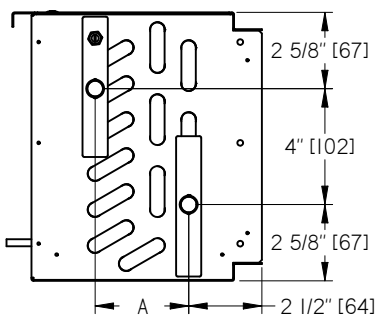
NOTE: ALL COIL WEIGHTS ARE WET

COOLING		REHEAT				PREHEAT			
ROWS	A in. (mm)	ROWS (CW/HW)	B in. (mm)	C in. (mm)	D in. (mm)	ROWS (HW/CW)	E in. (mm)	F in. (mm)	G in. (mm)
2	1 1/8 (29)	2/1	0	4 (102)	1 1/8 (29)	1/2	1 1/8 (29)	1 1/2 (38)	0
		3/1	0	4 (102)	2 1/8 (54)	1/3	2 1/8 (54)	2 1/2 (64)	0
3	2 1/8 (54)	4/1	0	4 (102)	3 1/4 (83)	1/4	3 1/4 (83)	3 5/8 (92)	0
		5/1	0	4 (102)	4 3/8 (111)	1/5	4 3/8 (111)	4 3/4 (121)	0
4	3 1/4 (83)	2/2	1 1/8 (29)	3 (76)	1 1/8 (29)	2/2	1 1/8 (29)	1 1/2 (38)	1 1/8 (29)
		3/2	1 1/8 (29)	3 (76)	2 1/8 (54)	2/3	2 1/8 (54)	2 1/2 (64)	1 1/8 (29)
5	4 3/8 (111)	4/2	1 1/8 (29)	3 (76)	3 1/4 (83)	2/4	3 1/4 (83)	3 5/8 (92)	1 1/8 (29)
		5/2	1 1/8 (29)	3 (76)	4 3/8 (111)	2/5	4 3/8 (111)	4 3/4 (121)	1 1/8 (29)

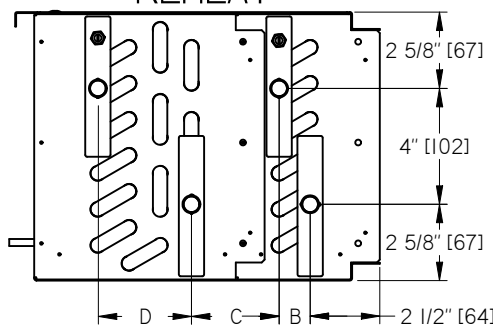
AIRFLOW



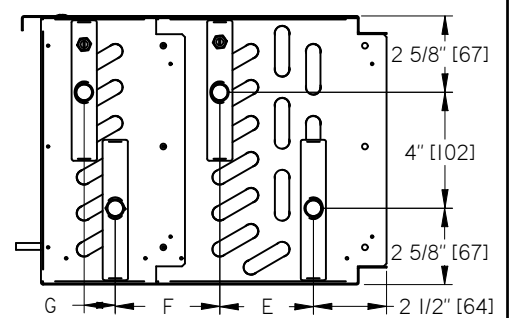
COOLING



REHEAT



PREHEAT



ALL METRIC DIMENSIONS () ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:		<p>FAN COIL FCH-2-1 FAN COIL HORIZONTAL CONCEALED</p>
ENGINEER:		
CUSTOMER:		
SUBMITTAL DATE:		
SPEC. SYMBOL:		<p>TW</p> <p>274875</p> <p>2022/12/05</p>