


SIZE	NOMINAL AIRFLOW		A in. (mm)	B in. (mm)	W in. (mm)	QTY OF BLOWERS	ECM MOTOR			
	CFM	L/s					HP	TOTAL AMPS		
								115V	208V/240V	277V
06	600	283	38" (965)	20 1/4" (514)	16" (406)	1	1/3	5.0	2.8	2.6
08	800	378	42" (1067)	20 1/4" (514)	20" (508)	1	1/3	5.0	2.8	2.6
10	1000	472	46" (1168)	20 1/4" (514)	24" (610)	1	1/2	5.5	2.9	2.8
12	1200	566	54" (1372)	20 1/4" (514)	32" (813)	1	1/2	7.0	3.9	3.7
16	1600	755	62" (1575)	20 1/4" (514)	40" (1016)	2	1/3 X 2	10.0	5.6	5.2
18	1800	850	54" (1372)	25 1/4" (641)	32" (813)	1	3/4	9.6	6.8	5.5
20	2000	944	70" (1778)	20 1/4" (514)	48" (1219)	2	1/2 X 2	11.3	6.3	6.0
26	2600	1227	70" (1778)	25 1/4" (641)	48" (1219)	2	3/4 X 2	12.2	8.7	7.0

- NOTE:
1. ACTUAL NAMEPLATE AMPS MAY VARY BUT WILL NOT EXCEED VALUES SHOWN.
 2. LH WATER COIL AND RH CONTROLS SHOWN.
 3. HANGING DETERMINED BY LOOKING AT INLET.
 4. SAME HAND WATER COIL AND CONTROLS AVAILABLE.
 5. PROVIDE SUFFICIENT ELECTRICAL CLEARANCE TO COMPLY W/ APPLICABLE CODES.

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

PROJECT:			
ENGINEER:			
CUSTOMER:		DRAWING NO: 276190	FAN COIL FHP-1-1 FAN COIL HORIZONTAL HIGH PERFORMANCE EXPOSED REAR RETURN
SUBMITTAL DATE:		DATE DRAWN: 2024-02-05	
SPEC. SYMBOL:			

STANDARD CONSTRUCTION:

- 18 GAUGE GALVANIZED STEEL POWDER COATED CASING
- GALVANIZED HARDWARE
- EXTRUDED ALUMINUM DOUBLE DEFLECTION SUPPLY GRILLE
- 2" ALUMINUM FILTER RETURN GRILLE
- 1/2" THROUGH BOLT HOLE FOR HANGING
- ELECTRONICALLY COMMUNTATED MOTOR (ECM)
- 2" MERV 8 PLEATED FILTER
- LINE VOLTAGE TO 24V TRANSFORMER

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, 7/8" OD CONNECTIONS
- 3, 4, 6, OR 8 ROWS OF COIL (HEATING OR COOLING), UP TO 10 ROWS TOTAL (REHEAT/PREHEAT CONFIGURATION)

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
- 2" MERV 13 PLEATED FILTER

- MODULATING PROGRAM (ECM ONLY)
- FACTORY MOUNTED VALVE PACKAGE
- FIBER FREE FOAM LINER, 1/2" (13mm)

VALVE PACKAGE

TCV TYPE:

- 2 WAY
- 3 WAY
(COOLING/HEATING ONLY)

CONTROL TYPE:

- ON-OFF
- FLOAT
- MODULATING NC/FC

RETURN SIDE VALVE:

- AUTOMATIC BALANCING VALVE

SOURCE SIDE VALVE:

- Y-STRAINER W/ BLOWDOWN AND PT PORTS
(MUST BE SELECTED IF 3 WAY IS SELECTED)

COIL CONFIGURATION

COOLING/HEATING ONLY:

- 3 ROW
- 4 ROW
- 6 ROW
- 8 ROW

REHEAT (C/H):

- 3/1 ROW
- 3/2 ROW
- 4/1 ROW
- 4/2 ROW
- 6/1 ROW
- 6/2 ROW
- 8/1 ROW
- 8/2 ROW

PREHEAT (H/C):

- 1/3 ROW
- 2/3 ROW
- 1/4 ROW
- 2/4 ROW
- 1/6 ROW
- 2/6 ROW
- 1/8 ROW
- 2/8 ROW



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PROJECT:		PRICE [®]	
ENGINEER:		APPROVED BY: <i>TW</i>	FAN COIL FHP-1-1 FAN COIL HORIZONTAL HIGH PERFORMANCE EXPOSED REAR RETURN
CUSTOMER:		DRAWING NO: 276190	
SUBMITTAL DATE:	SPEC. SYMBOL:	DATE DRAWN: 2024-02-05	

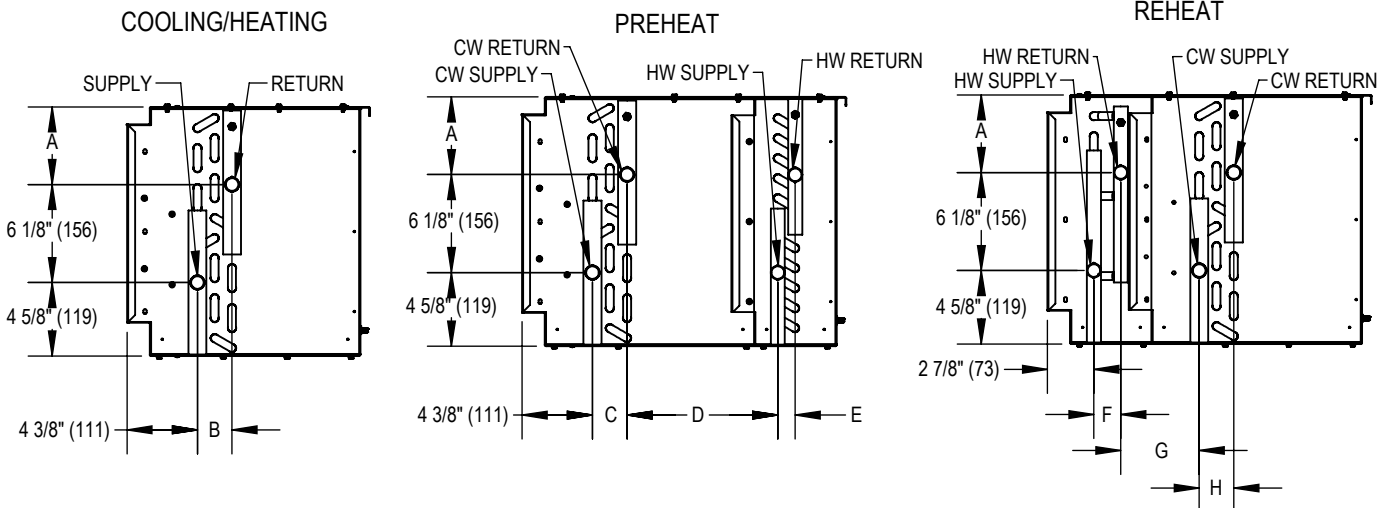
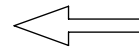
UNIT + COIL WEIGHT LBS (KG)								
ROWS OF COIL	UNIT SIZE							
	06	08	10	12	16	18	20	26
3 ROW	177 (80)	187 (85)	203 (92)	235 (107)	272 (123)	271 (123)	298 (135)	369 (167)
4 ROW	183 (83)	195 (88)	213 (97)	247 (112)	287 (130)	286 (130)	315 (143)	390 (177)
6 ROW	196 (89)	211 (96)	231 (105)	271 (123)	316 (143)	315 (143)	349 (158)	433 (196)
8 ROW	210 (95)	227 (103)	250 (113)	295 (134)	345 (156)	343 (156)	383 (174)	476 (216)
HOT WATER COIL WEIGHT LBS (KG)								
HEATING ROW	UNIT SIZE							
	06	08	10	12	16	18	20	26
1 ROW	8 (4)	10 (5)	11 (5)	15 (7)	18 (8)	17 (8)	21 (20)	26 (12)
2 ROW	16 (7)	20 (9)	23 (10)	29 (13)	36 (16)	35 (16)	42 (19)	52 (24)

NOTE: ALL COIL WEIGHTS ARE WET.

COOLING/HEATING ONLY		PREHEAT				REHEAT			
ROWS	B in. (mm)	ROWS (CW/HW)	C in. (mm)	D in. (mm)	E in. (mm)	ROWS (HW/CW)	F in. (mm)	G in. (mm)	H in. (mm)
3	2 1/8" (54)	3/1	2 1/8" (54)	9 1/2" (241)	1 5/8" (41)	1/3	1 5/8" (41)	4 7/8" (124)	2 1/8" (54)
		3/2	2 1/8" (54)	9 1/2" (241)	1 1/8" (29)	2/3	1 1/8" (29)	5 3/8" (135)	2 1/8" (54)
4	3 1/4" (83)	4/1	3 1/4" (83)	8 3/4" (213)	1 5/8" (41)	1/4	1 5/8" (41)	4 7/8" (124)	3 1/4" (83)
		4/2	3 1/4" (83)	8 3/4" (213)	1 1/8" (29)	2/4	1 1/8" (29)	5 3/8" (135)	3 1/4" (83)
6	5 1/2" (140)	6/1	5 1/2" (140)	6 1/4" (165)	1 5/8" (41)	1/6	1 5/8" (41)	4 7/8" (124)	5 1/2" (140)
		6/2	5 1/2" (140)	6 1/4" (165)	1 1/8" (29)	2/6	1 1/8" (29)	5 3/8" (135)	5 1/2" (140)
8	7 1/2" (191)	8/1	7 1/2" (191)	4 1/8" (105)	1 5/8" (41)	1/8	1 5/8" (41)	4 7/8" (124)	7 1/2" (191)
		8/2	7 1/2" (191)	4 1/8" (105)	1 1/8" (29)	2/8	1 1/8" (29)	5 3/8" (135)	7 1/2" (191)

UNIT SIZE	A
06, 08, 10, 12, 16, 20	4 7/8" (124)
18, 26	9 7/8" (251)

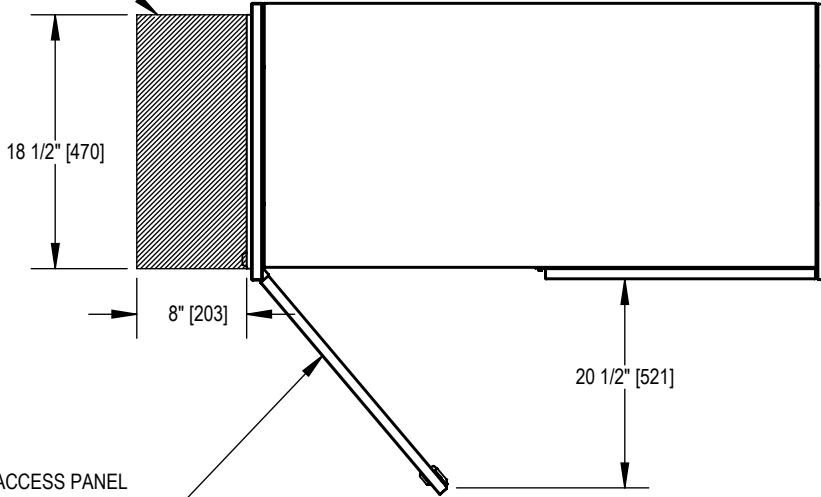
AIRFLOW



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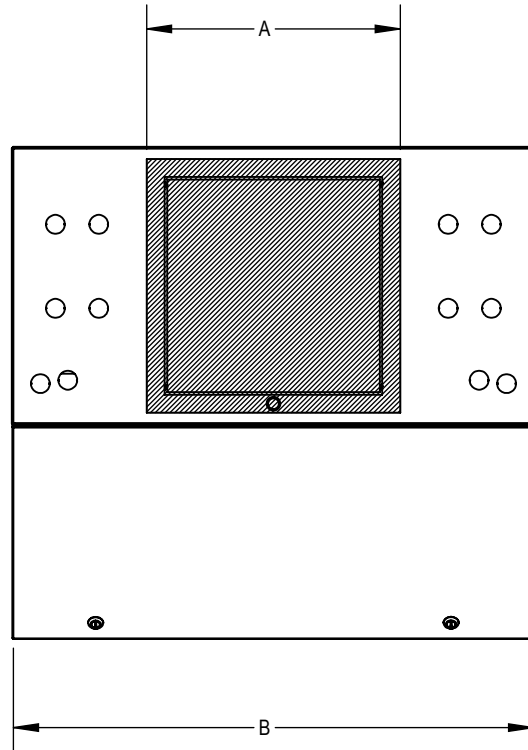
PROJECT:		PRICE
ENGINEER:		
CUSTOMER:		APPROVED BY: <i>TW</i>
SUBMITTAL DATE:		DRAWING NO: 276190
SPEC. SYMBOL:		DATE DRAWN: 2024-02-05
FAN COIL FHP-1-1 FAN COIL HORIZONTAL HIGH PERFORMANCE EXPOSED REAR RETURN		

FILTER REMOVAL
SERVICE CLEARANCE



BOTTOM ACCESS PANEL
SERVICE CLEARANCE

SIZE	A in. (mm)	B in. (mm)
06	18 1/2" (470)	38" (965)
08	22 1/2" (572)	42" (1067)
10	26 1/2" (673)	46" (1168)
12	34 1/2" (876)	54" (1372)
16	42 1/2" (1080)	62" (1575)
18	34 1/2" (876)	54" (1372)
20	50 1/2" (1283)	70" (1778)
26	50 1/2" (1283)	70" (1778)



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PROJECT:



ENGINEER:

APPROVED BY:

TW

CUSTOMER:

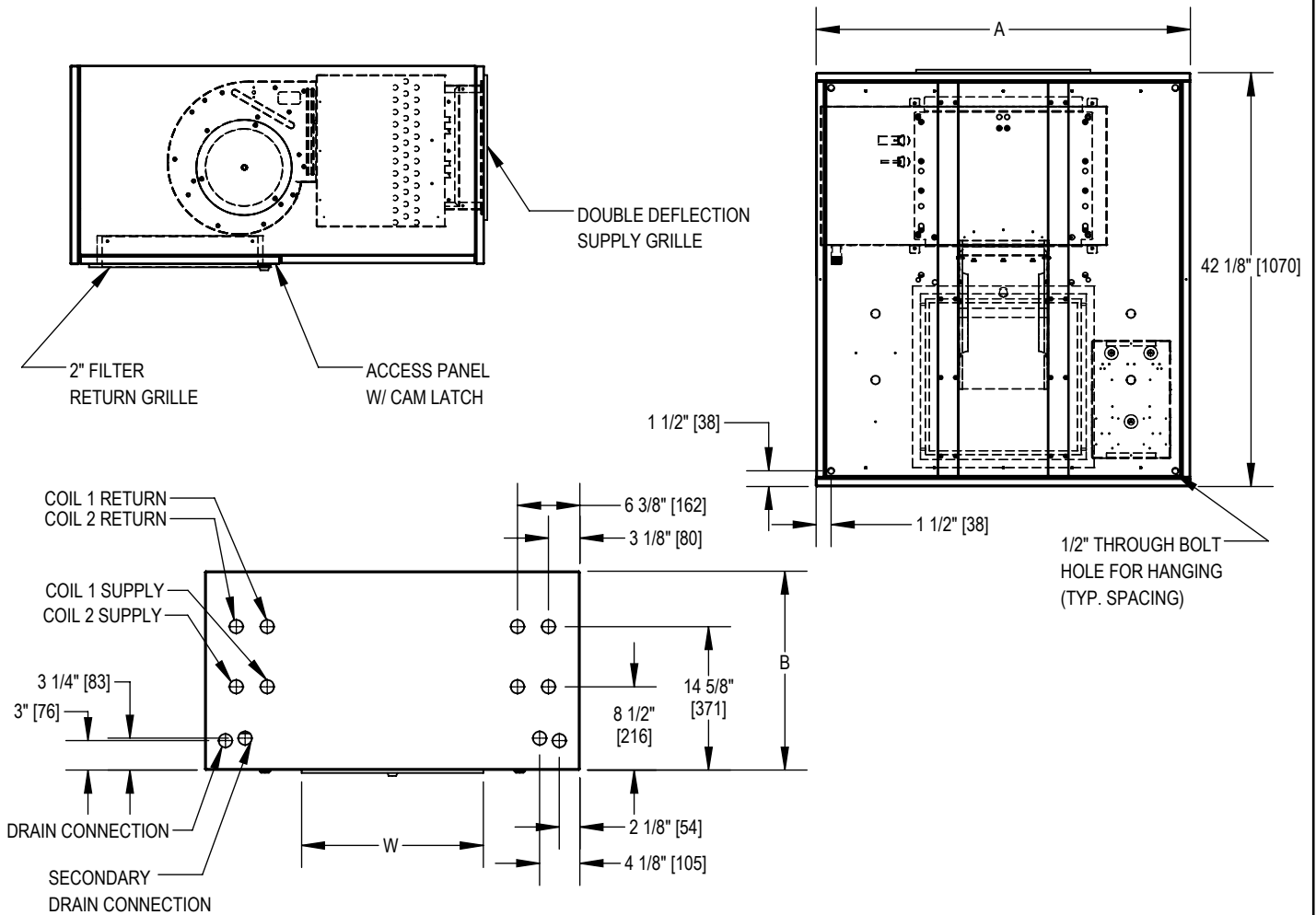
DRAWING NO:
276190

SUBMITTAL DATE:

SPEC. SYMBOL:

DATE DRAWN:
2024-02-05

**FAN COIL
FHP-1-1
FAN COIL HORIZONTAL
HIGH PERFORMANCE
EXPOSED REAR RETURN**



SIZE	NOMINAL AIRFLOW		A in. (mm)	B in. (mm)	W in. (mm)	QTY OF BLOWERS	ECM MOTOR			
	CFM	L/s					HP	TOTAL AMPS		
								115V	208V/240V	277V
06	600	283	38" (965)	20 1/4" (514)	16" (406)	1	1/3	5.0	2.8	2.6
08	800	378	42" (1067)	20 1/4" (514)	20" (508)	1	1/3	5.0	2.8	2.6
10	1000	472	46" (1168)	20 1/4" (514)	24" (610)	1	1/2	5.5	2.9	2.8
12	1200	566	54" (1372)	20 1/4" (514)	32" (813)	1	1/2	7.0	3.9	3.7
16	1600	755	62" (1575)	20 1/4" (514)	40" (1016)	2	1/3 X 2	10.0	5.6	5.2
18	1800	850	54" (1372)	25 1/4" (641)	32" (813)	1	3/4	9.6	6.8	5.5
20	2000	944	70" (1778)	20 1/4" (514)	48" (1219)	2	1/2 X 2	11.3	6.3	6.0
26	2600	1227	70" (1778)	25 1/4" (641)	48" (1219)	2	3/4 X 2	12.2	8.7	7.0

- NOTE:
1. ACTUAL NAMEPLATE AMPS MAY VARY BUT WILL NOT EXCEED VALUES SHOWN.
 2. LH WATER COIL AND RH CONTROLS SHOWN.
 3. HANDING DETERMINED BY LOOKING AT INLET.
 4. SAME HAND WATER COIL AND CONTROLS AVAILABLE.
 5. PROVIDE SUFFICIENT ELECTRICAL CLEARANCE TO COMPLY W/ APPLICABLE CODES.

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PROJECT:		PRICE [®]	APPROVED BY: <i>TW</i>	
ENGINEER:			FAN COIL FHP-1-1	
CUSTOMER:		DRAWING NO: 276191		FAN COIL HORIZONTAL HIGH PERFORMANCE EXPOSED BOTTOM RETURN
SUBMITTAL DATE:		DATE DRAWN: 2024-02-05		
SPEC. SYMBOL:				

STANDARD CONSTRUCTION:

- 18 GAUGE GALVANIZED STEEL POWDER COATED CASING
- GALVANIZED HARDWARE
- EXTRUDED ALUMINUM DOUBLE DEFLECTION SUPPLY GRILLE
- 2" ALUMINUM FILTER RETURN GRILLE
- 1/2" THROUGH BOLT HOLE FOR HANGING
- ELECTRONICALLY COMMUNTATED MOTOR (ECM)
- 2" MERV 8 PLEATED FILTER
- LINE VOLTAGE TO 24V TRANSFORMER

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, 7/8" OD CONNECTIONS
- 3, 4, 6, OR 8 ROWS OF COIL (HEATING OR COOLING), UP TO 10 ROWS TOTAL (REHEAT/PREHEAT CONFIGURATION)

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
- 2" MERV 13 PLEATED FILTER

- MODULATING PROGRAM (ECM ONLY)
- FACTORY MOUNTED VALVE PACKAGE
- FIBER FREE FOAM LINER, 1/2" (13mm)

VALVE PACKAGE

TCV TYPE:

- 2 WAY
- 3 WAY
(COOLING/HEATING ONLY)

CONTROL TYPE:

- ON-OFF
- FLOAT
- MODULATING NC/FC

RETURN SIDE VALVE:

- AUTOMATIC BALANCING VALVE

SOURCE SIDE VALVE:

- Y-STRAINER W/ BLOWDOWN AND PT PORTS
(MUST BE SELECTED IF 3 WAY IS SELECTED)

COIL CONFIGURATION

COOLING/HEATING ONLY:

- 3 ROW
- 4 ROW
- 6 ROW
- 8 ROW

REHEAT (C/H):

- 3/1 ROW
- 3/2 ROW
- 4/1 ROW
- 4/2 ROW
- 6/1 ROW
- 6/2 ROW
- 8/1 ROW
- 8/2 ROW

PREHEAT (H/C):

- 1/3 ROW
- 2/3 ROW
- 1/4 ROW
- 2/4 ROW
- 1/6 ROW
- 2/6 ROW
- 1/8 ROW
- 2/8 ROW



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PROJECT:		PRICE [®]	
ENGINEER:		APPROVED BY: <i>TW</i>	FAN COIL FHP-1-1 FAN COIL HORIZONTAL HIGH PERFORMANCE EXPOSED BOTTOM RETURN
CUSTOMER:		DRAWING NO: 276191	
SUBMITTAL DATE:	SPEC. SYMBOL:	DATE DRAWN: 2024-02-05	

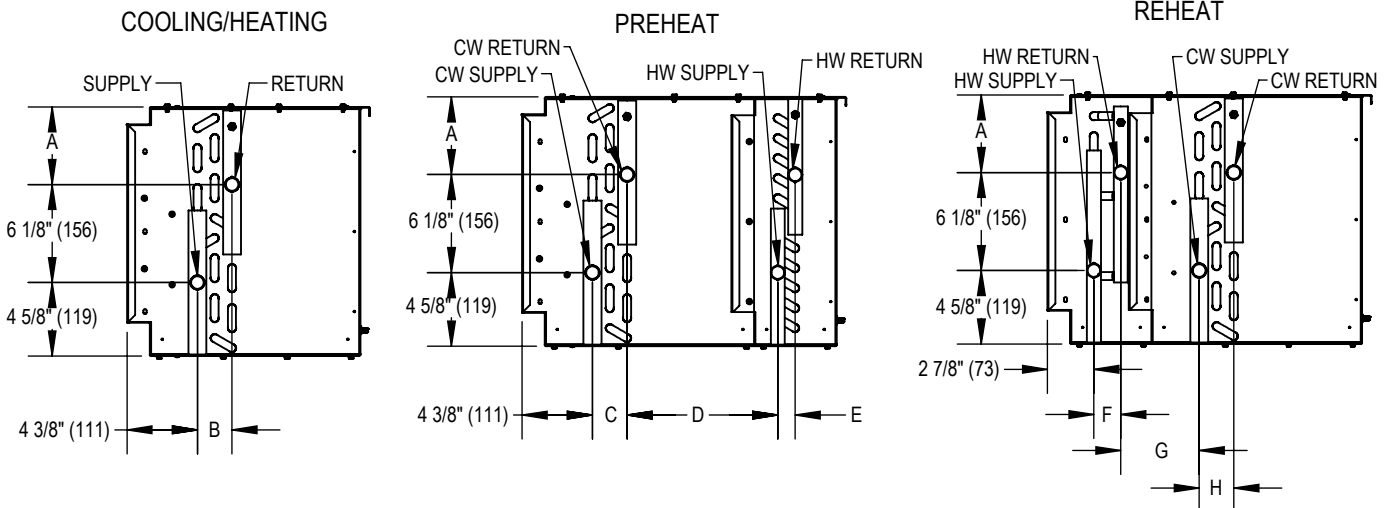
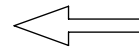
UNIT + COIL WEIGHT LBS (KG)								
ROWS OF COIL	UNIT SIZE							
	06	08	10	12	16	18	20	26
3 ROW	177 (80)	187 (85)	203 (92)	235 (107)	272 (123)	271 (123)	298 (135)	369 (167)
4 ROW	183 (83)	195 (88)	213 (97)	247 (112)	287 (130)	286 (130)	315 (143)	390 (177)
6 ROW	196 (89)	211 (96)	231 (105)	271 (123)	316 (143)	315 (143)	349 (158)	433 (196)
8 ROW	210 (95)	227 (103)	250 (113)	295 (134)	345 (156)	343 (156)	383 (174)	476 (216)
HOT WATER COIL WEIGHT LBS (KG)								
HEATING ROW	UNIT SIZE							
	06	08	10	12	16	18	20	26
1 ROW	8 (4)	10 (5)	11 (5)	15 (7)	18 (8)	17 (8)	21 (20)	26 (12)
2 ROW	16 (7)	20 (9)	23 (10)	29 (13)	36 (16)	35 (16)	42 (19)	52 (24)

NOTE: ALL COIL WEIGHTS ARE WET.

COOLING/HEATING ONLY		PREHEAT				REHEAT			
ROWS	B in. (mm)	ROWS (CW/HW)	C in. (mm)	D in. (mm)	E in. (mm)	ROWS (HW/CW)	F in. (mm)	G in. (mm)	H in. (mm)
3	2 1/8" (54)	3/1	2 1/8" (54)	9 1/2" (241)	1 5/8" (41)	1/3	1 5/8" (41)	4 7/8" (124)	2 1/8" (54)
		3/2	2 1/8" (54)	9 1/2" (241)	1 1/8" (29)	2/3	1 1/8" (29)	5 3/8" (135)	2 1/8" (54)
4	3 1/4" (83)	4/1	3 1/4" (83)	8 3/4" (213)	1 5/8" (41)	1/4	1 5/8" (41)	4 7/8" (124)	3 1/4" (83)
		4/2	3 1/4" (83)	8 3/4" (213)	1 1/8" (29)	2/4	1 1/8" (29)	5 3/8" (135)	3 1/4" (83)
6	5 1/2" (140)	6/1	5 1/2" (140)	6 1/4" (165)	1 5/8" (41)	1/6	1 5/8" (41)	4 7/8" (124)	5 1/2" (140)
		6/2	5 1/2" (140)	6 1/4" (165)	1 1/8" (29)	2/6	1 1/8" (29)	5 3/8" (135)	5 1/2" (140)
8	7 1/2" (191)	8/1	7 1/2" (191)	4 1/8" (105)	1 5/8" (41)	1/8	1 5/8" (41)	4 7/8" (124)	7 1/2" (191)
		8/2	7 1/2" (191)	4 1/8" (105)	1 1/8" (29)	2/8	1 1/8" (29)	5 3/8" (135)	7 1/2" (191)

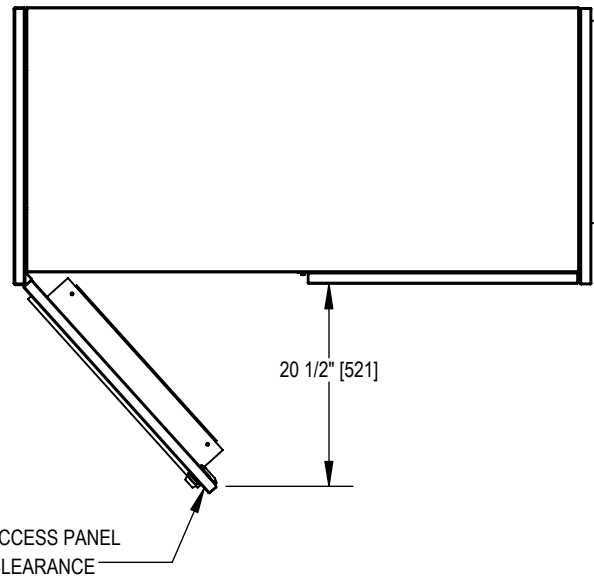
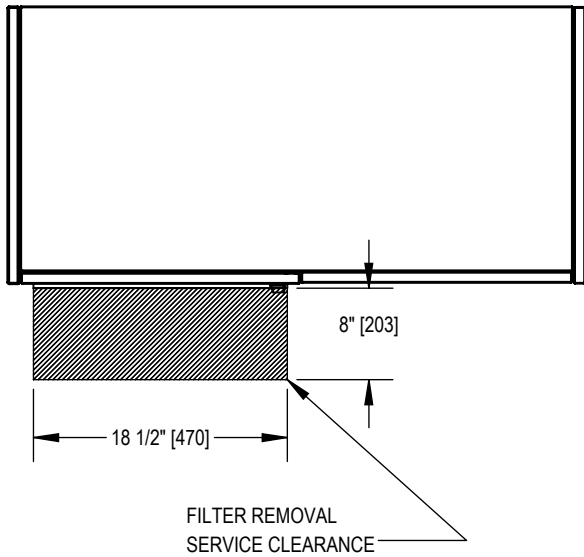
UNIT SIZE	A
06, 08, 10, 12, 16, 20	4 7/8" (124)
18, 26	9 7/8" (251)

AIRFLOW

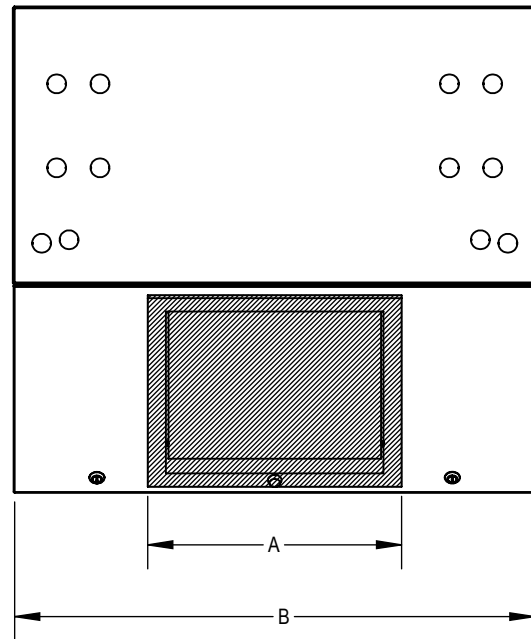


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PROJECT:		PRICE
ENGINEER:		
CUSTOMER:		APPROVED BY: <i>TW</i>
SUBMITTAL DATE:		DRAWING NO: 276191
SPEC. SYMBOL:		DATE DRAWN: 2024-02-05
FAN COIL FHP-1-1 FAN COIL HORIZONTAL HIGH PERFORMANCE EXPOSED BOTTOM RETURN		



SIZE	A in. (mm)	B in. (mm)
06	18 1/2" (470)	38" (965)
08	22 1/2" (572)	42" (1067)
10	26 1/2" (673)	46" (1168)
12	34 1/2" (876)	54" (1372)
16	42 1/2" (1080)	62" (1575)
18	34 1/2" (876)	54" (1372)
20	50 1/2" (1283)	70" (1778)
26	50 1/2" (1283)	70" (1778)



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PROJECT:		PRICE	APPROVED BY: <i>TW</i>	
ENGINEER:			DRAWING NO: 276191	FAN COIL FHP-1-1 FAN COIL HORIZONTAL HIGH PERFORMANCE EXPOSED BOTTOM RETURN
CUSTOMER:		DATE DRAWN: 2024-02-05		
SUBMITTAL DATE:	SPEC. SYMBOL:			