

INSTALLATION INSTRUCTIONS

ASPEN DOWNFLOW KIT (DFK)

1. APPLICATION

For use on models A(B/F) M, A(A/E) M.

The Downflow Kit is applied in Downflow / Counter flow application of the Multi-Position air handler unit. Downflow application takes in air from the top of the unit. The kit includes four parts: Coil Access Panel, Control Access Panel, Block Off Plate, Filter Rails-Side and Back(Style-2). The Procedure require the installer to remove coil assembly and re-installed with kit parts for downflow application.

Figure 1 shows air handler unit as a factory-built configuration and Figure 2 shows the air handler unit after re-configuring with downflow application.

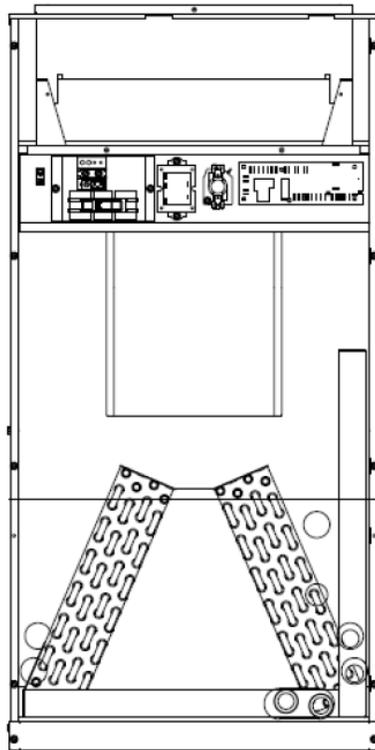


FIGURE 1
FACTORY BUILT
CONFIGURATION

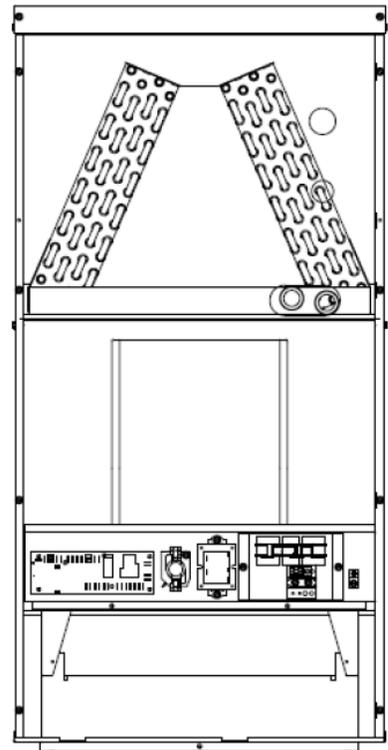


FIGURE 2
DOWNFLOW APPLICATION
CONFIGURATION



2. PARTS LIST FOR DOWNFLOW KIT

List of down flow kit available for each model shown in the table 1 below.

TABLE 1 - List of Downflow Kit		
DOWNFLOW KIT PART NO.	WHERE MODEL IS USED	STYLE
DFK-1	A(B/F) M18	1
DFK-2	A(B/F)M 19,24 & 25	1
DFK-3	A(B/F)M23	1
DFK-4	A(B/F)M30	1
DFK-5	A(B/F)M31 & 37	1
DFK-6	A(B/F)M35	2
DFK-7	A(B/F)M36	1
DFK-8	A(B/F)M42	1
DFK-9	A(B/F)M 43, 49 & 60	1
DFK-10	A(B/F)M47	2
DFK-11	A(B/F)M48	1
DFK-12	A(B/F)M61	1
DFK-13	A(A/E)M18	1
DFK-14	A(A/E)M 19, 24 & 25	1
DFK-15	A(A/E) M30	1
DFK-16	A(A/E)M 31 & 37	1
DFK-17	A(A/E)M36	1
DFK-18	A(A/E)M42	1
DFK-19	A(A/E)M 43, 49 & 60	1
DFK-20	A(A/E)M48	1
DFK-21	A(A/E) M61	1

DFK kits come with Style 1 and Style 2. List of parts for Style 1 is shown in Table 2 and Style 2 is shown in Table 3. The downflow kit parts are shown in figure 2. List of the discard parts are shown in Table 4.

TABLE 2 - Downflow Kit Part Style 1			
ITEM	PART DESCRIPTION	QTY	FIGURE
A	Coil Access Panel	1	2
B	Control Access Panel	1	2
C	Block off Plate	2	2

TABLE 3 - Downflow Kit Part Style 2			
ITEM	PART DESCRIPTION	QTY	FIGURE
A	Coil Access Panel	1	2
B	Control Access Panel	1	2
C	Block off Plate	2	2
D	Side Filter Rail	2	2
E	Back Filter Rail	1	2

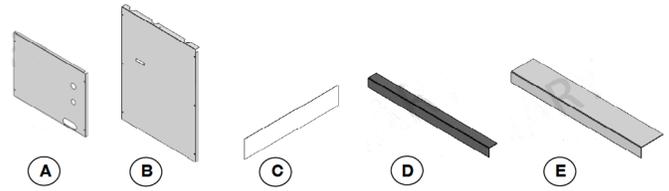


FIGURE 2 - DOWNFLOW KIT PARTS

TABLE 4 - Discard Parts			
ITEM	PART DESCRIPTION	QTY	FIGURE
1	Coil Access Panel	1	3
2	Control Access Panel		
3	Block off Plate		

3. INSTALLATION

List of down flow kit available for each model shown in the table 1 below.



CAUTION

Make sure all the power has been disconnected from the air handler before initiating work.



WARNING

Installation and service must be performed by a licensed professional installer. Improper installation can cause personal injury, loss of life or damage to property.



WARNING

Use two or more persons when shifting and installing the unit. Failure to do so may result in back or other type of injuries.

STEP 1:

Remove the coil access panel 1 ,control access panel 2,filter cover 4 and air filter 5.Remove the A-coil assembly 6 with side drain pan 3 as shown in figure 3.

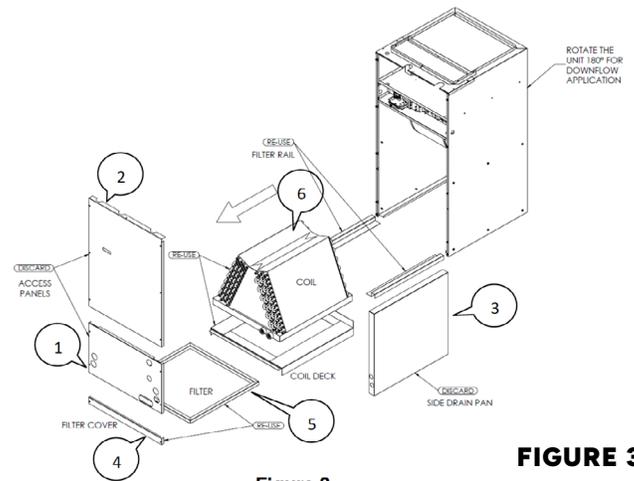


FIGURE 3

STEP 2:

Rotate the unit 180° as shown in figure 4.Discard coil access panel 1, control access panel 2 and side drain pan 3.

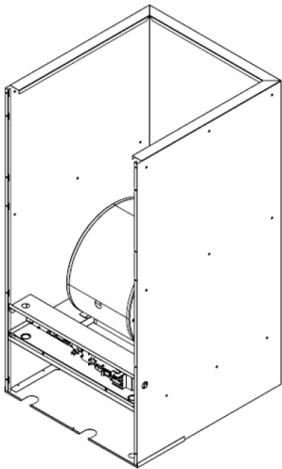
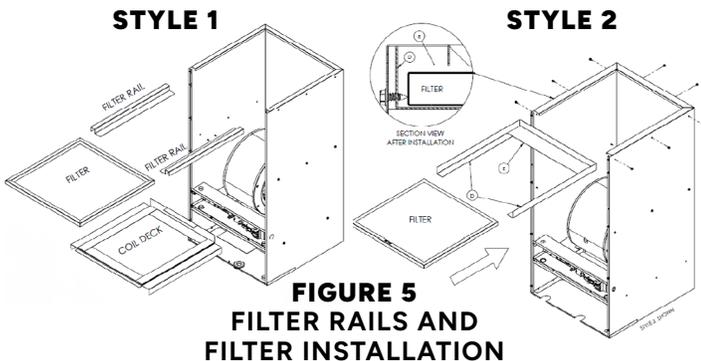


FIGURE 4

STEP 3:

For STYLE 1 downflow kit ,rotate the filter rails 180° and re-installed the filter rails. After fastening filter rails, slide the air filter back as shown in figure 5.

For STYLE 2, Fasten the Filter Rails D and E to the wrapper and slide the air filter back as shown in figure 5.



**FIGURE 5
FILTER RAILS AND
FILTER INSTALLATION**

STEP 4:

Add Block Off Plate C on the both side of coil as shown in figure 6.

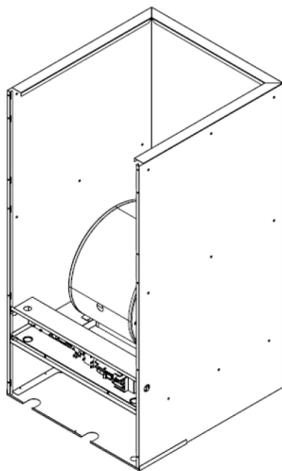


FIGURE 6

STEP 5:

Re-install and fasten the coil deck. After installing coil deck properly, slide the coil assembly back as shown in figure 7.

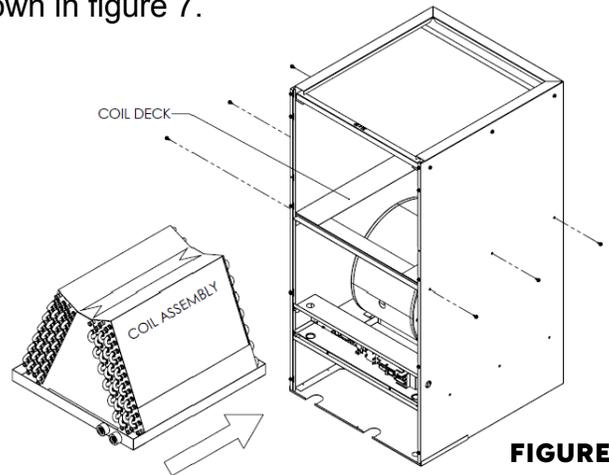


FIGURE 7

STEP 6:

Install and fasten the filter cover first, then the control access panel B and last will be coil Access panel A to the unit as shown in figure 8.

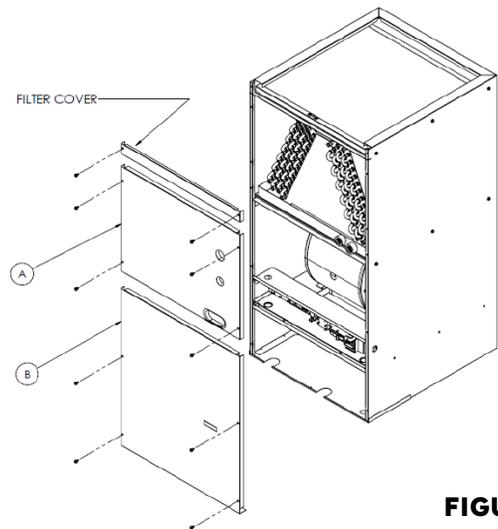
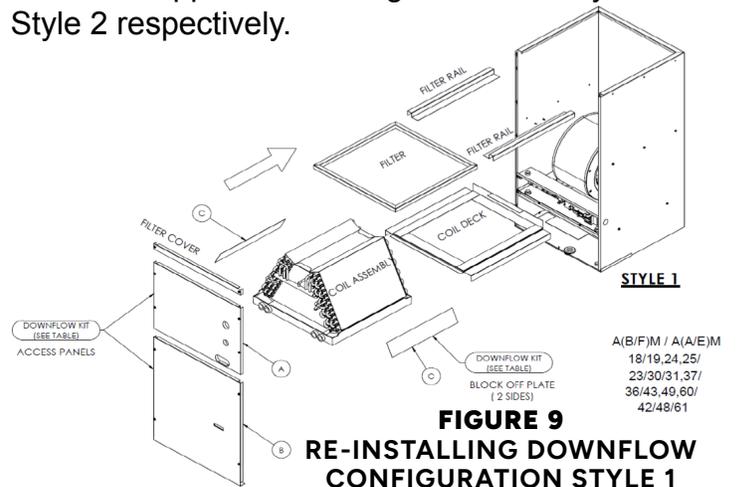


FIGURE 8

Figure 9 & 10 represent the process of re-installing downflow application configuration for Style 1 and Style 2 respectively.



**FIGURE 9
RE-INSTALLING DOWNFLOW
CONFIGURATION STYLE 1**



Scan QR Code to visit
Aspen's website

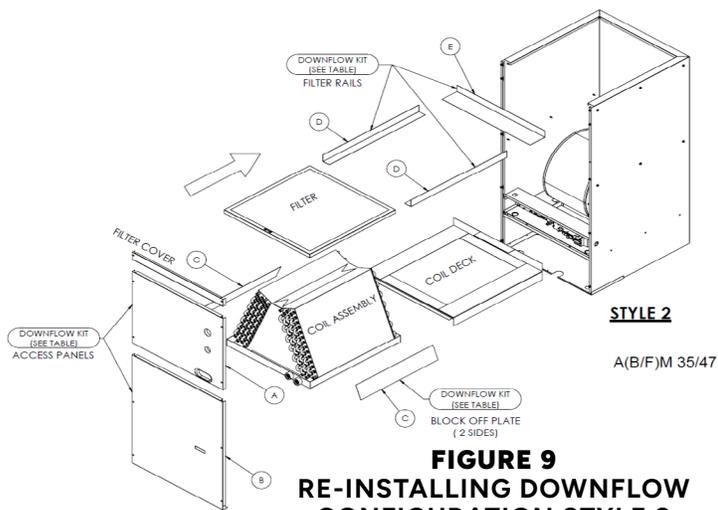


FIGURE 9
RE-INSTALLING DOWNFLOW
CONFIGURATION STYLE 2



373 Atascocita Rd., Humble, TX 77396

Phone: 281.441.6500

Toll Free: 800.423.9007

Fax: 281.441.6510

www.aspenmfg.com