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## #258 COLD AIR FILTER BOX

### FUNCTION

The DAKA #258 Cold Air Filter Box is designed for either single or twin blowers mounted on the back of DAKA Deluxe furnaces. It is connected to either the cold air return of the primary furnace (when the DAKA unit is used as a supplementary furnace) or to the cold air return from the living areas (when the DAKA is used as a free-standing central furnace). When properly installed, this assembly will maintain filtered air throughout the home, help to balance air pressure, and minimize draft and smoking problems of your DAKA furnace installation.

### ASSEMBLY & INSTALLATION: *(Refer to Key No.'s on Part List on Page 2)*

1. For ease of changing, decide which side of furnace filter slot will be on.
2. Pointing them inward, use No. 8 metal screws to attach two-flanged bottom panel (Key No. 1) to side panels (2), (3) & (4) with flanges of side panels on inner surface of bottom panel.  
**NOTE:** Filter channel on bottom panel should be on inside surface.
3. Attach two-flanged top panel (1) to inside panels, with filter channel on inside surface.
4. Disconnect conduit and power cord from DAKA fan control and/or 120V service to DAKA blower(s).
5. Tip DAKA furnace slightly forward and slip angle clip (5) under back bottom edge of furnace.
6. Slip bottom front flange of filter box bottom panel into angle clip and push firmly into place; Side panels clear ends of blower motors by at least one inch.
7. Mark and drill two 13/64" mounting holes on back of DAKA furnace through top panel flange mounting holes. Attach with No. 12 x 2" screws.
8. Using a tin snips, cut a slot 5/8" wide x 2" deep in top panel. Pass fan control conduit through and reattach to blower junction box. Reattach wires and close junction box on blower.
9. Cut a 10" circle on back panel (6) of filter box. Using starter collar, run 10" dia. single-wall pipe from filter box to cold air return on primary furnace (see FIG. 2). Cut a 10" hole in the return and connect 10" pipe with another starter collar.

**NOTE:** Rectangular ductwork also may be used, especially when using DAKA as a free-standing central furnace. Cross-section of such ductwork should be a minimum of 70 sq. in.

**NOTE:** FURNACE FILTER: Filter Box required 24" x 14" x 1" furnace filter (not included). Obtain at your local home center or hardware store.

PARTS LIST			
#258 DAKA COLD AIR FILTER BOX			
KEY NO.	DESCRIPTION	PART #	QUANTITY
<i>Panel Set # 56670258</i>			
1	Bottom or Top Panel	56670310	2
2	Side Panel - Long	5667032	1
3	Side Panel - Medium	56670303	1
4	Side Panel - Short	56670304	1
5	Angle Clip	56670305	1
6	Back Panel	56670301	1
<i>Bolt Bag #41258</i>			
	Sheet Metal Screws - No. 8 x 3/8"		30

**FIGURE 1 AND FIGURE 2**

