



955 INDUSTRIAL ST. NE • PINE CITY, MN 55063  
TELEPHONE: 320-629-6737 / FAX: 320-629-3677  
WEB SITE: www.dakacorp.com

## #258 DUAL COLD AIR FILTER BOX

### FUNCTION

The DAKA #258 Dual 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 Parts List on Page 2)*

**NOTE: BEFORE YOU ASSEMBLE YOUR FILTER BOX, DETERMINE WHICH SIDE OF THE FURNACE YOUR FILTER SLOT WILL BE ON SO THE SLOTTED PANELS ARE IN CORRECT LOCATION.**

1. Pointing them inward, use Key (8) No. 12 x ½" metal screws to attach two-flanged bottom panel Key (2) to side panels Keys (3, 4, 5) with flanges of side panels on inner surface of bottom panel. **NOTE:** Filter channel on bottom panel should be on inside surface.
2. Attach two-flanged top panel Key (1) to ends of panels Keys (3, 4, 5), with filter channel on inside surface.
3. Disconnect conduit & power cord from DAKA fan control and/or 120V service to DAKA blower(s).
4. Tip DAKA furnace slightly forward and slip the 1¼" leg of angle clip Key (6) under back bottom edge of furnace.
5. 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.
6. Mark and drill two 13/64" mounting holes on back of DAKA furnace through top panel flange mounting holes. Attach with Key (8) No. 12 x ½" metal screws.
7. Using tin snips, cut a 5/8" wide x 2" deep slot in top panel. Pass fan control conduit through and reattach to blower junction box. Reattach wires and close junction box on blower.
8. Cut a minimum 10" circle on back panel Key (7) of filter box. Run a 10" dia. single-wall pipe from filter box to cold air return on primary furnace (see FIG. 2).

**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 170 sq. in.

**NOTE:** FURNACE FILTER: Filter Box requires 14" x 25" x 1" furnace filter (not included). Obtain at your local home center or hardware store.

PARTS LIST			
#258 DAKA DUAL COLD AIR FILTER BOX			
KEY NO.	DESCRIPTION	PART #	QUANTITY
<b>Panel Set # 56670258</b>			
1.	Top Panel	56670310	1
2.	Bottom Panel	56670312	1
3.	Side Panel - Long	56670302	1
4.	Side Panel – Medium	56670303	1
5.	Side Panel – Short	56670304	1
6.	Angle Clip ( $\frac{3}{4}$ " x $1\frac{1}{4}$ ")	56670305	1
7.	Back Panel	56670301	1
<b>Bolt Bag #41258</b>			
8.	Sheet Metal Screws – No. 12 x $\frac{1}{2}$ "	SCT#1212	30

FIGURE 1 AND FIGURE 2

