



REPLACEMENT SHROUD KIT

For Sunchaser* & BriskAir Air Conditioners

■ Part Number for Shroud Kits:

3103139.006 10" Shell White
3103140.004 10" Beige
3103141.002 10" Gray
3103142.000 10" Polar White
3103143.008 10" Light Gray

3103144.006 12" Shell White
3103145.003 12" Beige
3103146.001 12" Gray
3103147.009 12" Polar White *
3103148.007 12" Light Gray

■ 10" Shroud Kit Consists of:

(1) — — — 10" Shroud
(2) 3102834.003 Screw, shroud
(12) 313685.001 Screws, shroud
(3) 307879.004 Screw, 10-16 x .5
(4) 310359.001 Screw, 10-16 x .50HW
(2) 3101400.004 Plate, close-off
(18") 3102669.003 Foam Tape
(1) 3102811.001 Channel, front
(1) 3103027.029 Instruction Sheet

■ 12" Shroud Kit Consists of:

(1) — — — 10" Shroud with Extension
(2) 3102834.003 Screw, shroud
(12) 313685.001 Screws, shroud *
(3) 307879.004 Screw, 10-16 x .5
(4) 310359.001 Screw, 10-16 x .50HW
(2) 3101377.004 Plate, close-off
(22") 3102669.003 Foam Tape
(1) 3102811.001 Channel, front
(1) 3103027.029 Instruction Sheet

■ Tools Required:

9/64 Drill Bit
Tin Snips
Electric Drill
#2 Phillips Screwdriver

*** NOTE: SHROUD KIT 3103147.009 Contains (1) 3100357.023 Condenser Coil Brace and (4) extra shroud screws to be installed on Model 74013.601C Sunchaser Air Conditioner.**

READ THESE INSTRUCTIONS IN THEIR ENTIRETY BEFORE INSTALLING THE REPLACEMENT SHROUD

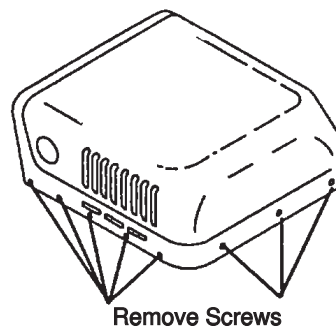
This Shroud Kit is designed for field replacement of the original shroud on Duo-Therm Sunchaser and BriskAir air conditioners. Due to streamlining of the new shroud, a front channel must be added/replaced to lengthen the base, and the close-off plate needs to be altered or replaced. An additional 3-3/8 inches (maximum) front clearance is required to install this Shroud Kit. For direct replacement, no modifications are required.

1. To remove the old shroud, take out the screws located along the lower front and side edges of the shroud. (Use a #2 phillips screwdriver).
2. Use the 5/16" nutdriver to remove the four (4) screws that attach the close-off plates to the condenser coil. If a data tag is located on the close-off plate, it must be saved for Step #4.

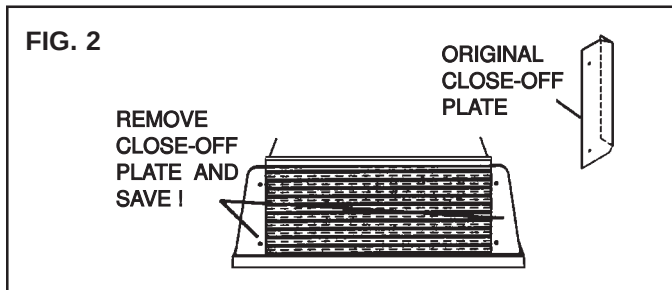
REVISION

Form No. 3103027.037 12/99
(Replaces 3103027.029)(French 3109457.006)
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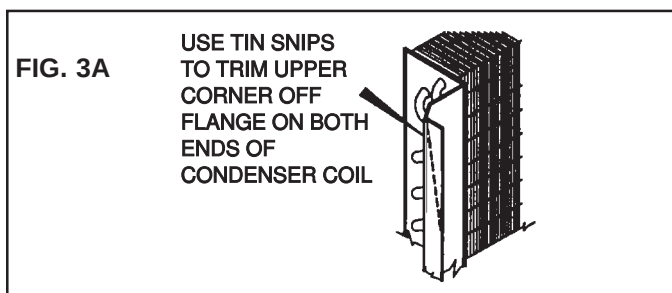
FIG. 1



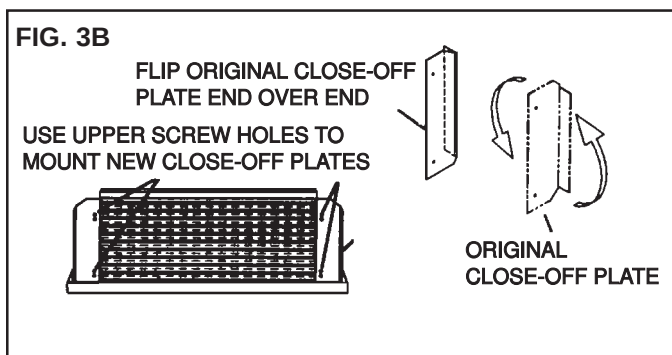
(See FIG. 2). On some models, the close-off plate may be the same as the one in the Kit. It must be removed and reinstalled as explained in Step 3B.



3. A. On Models 579XX.009 through 579XX.010, the close-off plate was incorporated into the header plate on the condenser coil. The flange on the header plate must be trimmed to allow the new shroud to fit properly. Trim the flange as shown in FIG. 3A.



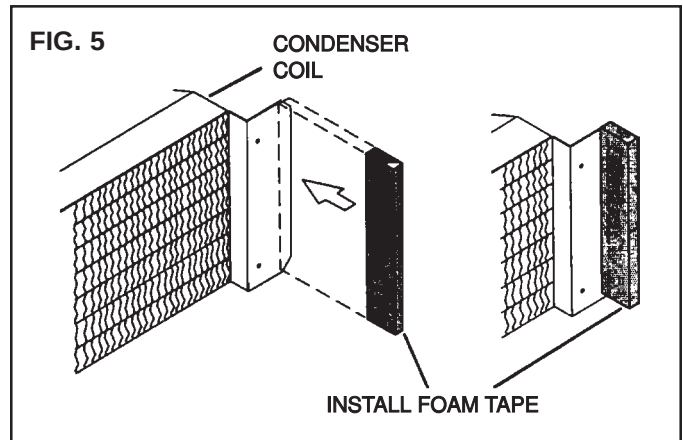
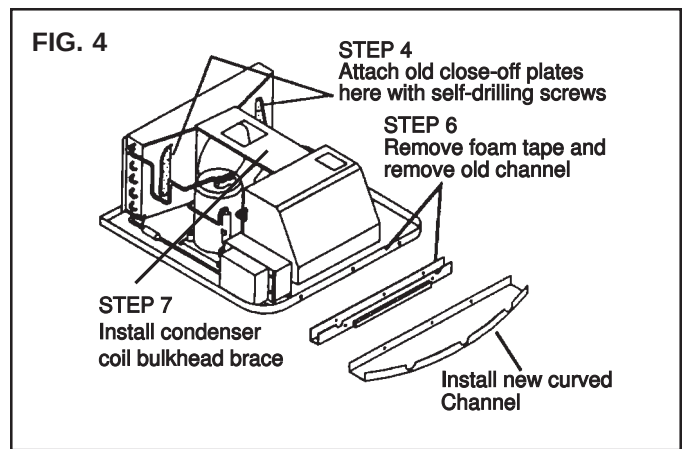
- B. On air conditioners with removable close-off plates, install the new replacement close-off plate as shown in FIG. 3B. Use the four screws to attach the close-off plate. Make sure the screw is through the top screw hole, and the flange on the close-off plate is toward the front of the air conditioner.



4. **IT IS IMPORTANT TO REATTACH THE DATA TAG TO THE UNIT.** The data tag is located on the old close-off plate removed in Step 2. On some models the serial number is on one close-off plate and the data plate is on the other. In this case, both close-off plates must be attached to the fan bulkhead (see FIG. 4) with the four self-drilling screws (10-16 x .50HW) supplied with the Kit.

CAUTION: ALLOW SUFFICIENT CLEARANCE TO PREVENT COIL DAMAGE.

5. Install one-half of the foam tape supplied in the Kit on the close-off plate as shown in FIG. 5.



6. The installation of a new curved front channel is required to fit the new shroud. If the air conditioner has the straight channel or strip of foam tape, it must be removed prior to installing the new curved front channel. The new channel is designed to use the existing screw holes in the base therefore no drilling is required. (See FIG. 4)
7. On Model 74013.601C ONLY, install the 3100357.023 condenser coil bulkhead brace using the (4) 313685.001 screws. (See FIG. 4)
8. Install the new shroud. The new shroud uses five screws on each side (instead of three) and two shoulder screws on the rear to hold it securely on the unit. Use the 9/64" drill to make holes for the additional screws. (See FIG. 6)

⚠ WARNING

The electrical box is located just behind the lip on the base pan. Be careful when drilling the new screw holes to prevent damage or personal injury.

