

Technical Bulletin.

ACR SE AIR DEFLECTORS RETROFIT KIT



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WARNINGS

- 1 This appliance must only be installed by a competent person in accordance with the requirements of the Codes of Practice or the rules in force.
- 2 All external wiring MUST comply with the current IEE wiring regulations.
- 3 Warning this appliance must be earthed.

1. General Information

Due to slight production variances, in isolated cases it has been noted the ACR SE air curtain may produce a high pitched tone. This has been resolved by a minor modification to the air deflector plates.

This bulletin describes the procedure to retrofit the modified air deflector plates and bearing support brackets into these air curtains produced from the following dates:

2m models from April 2011

1.5m & 1m models from September 2011

2. Tools Required



Screwdrivers Allen keys

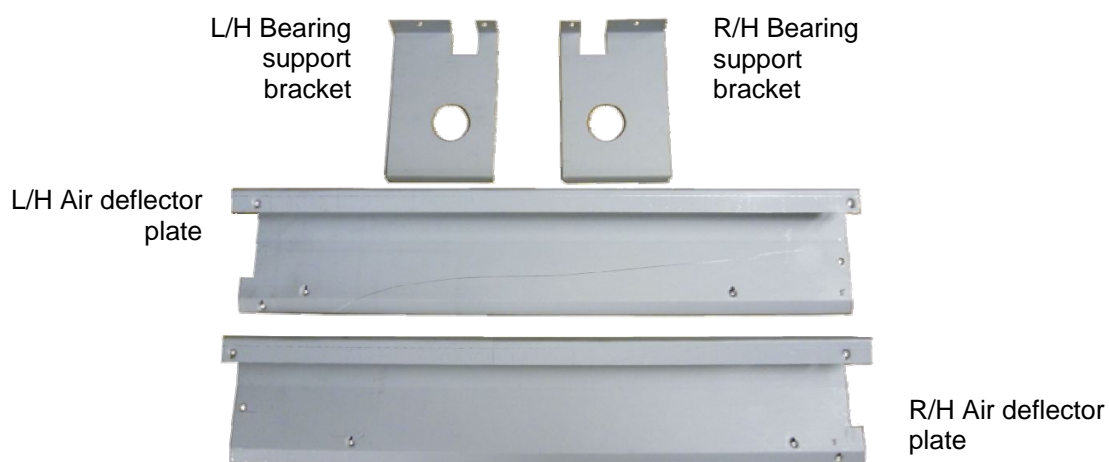
3. Parts Required

Three kits comprising left and right hand deflector plates, plus left and right hand bearing support brackets are available, see picture below. (1.5m kit shown) The existing fixing screws can be re-used.

Kit 1 AmbiRad part No. **ACR1M-RF-KIT** 1.0m models

Kit 2 AmbiRad part No. **ACR1-5M-RF-KIT** 1.5m models

Kit 3 AmbiRad part No. **ACR2M-RF-KIT** 2.0m models



4. Removal & Replacement

ISOLATE MAINS ELECTRICITY BEFORE COMMENCING ANY WORK ON THIS AIR CURTAIN.

Step 1

Using a 4mm Allen key slacken the captive M6 Allen screws at the side of the grille. Open the hinged grille. Access to the inside of the air curtain can now be made



Step 2

Remove the two screws securing the deflector plate through the element housing. (L/H plate shown)



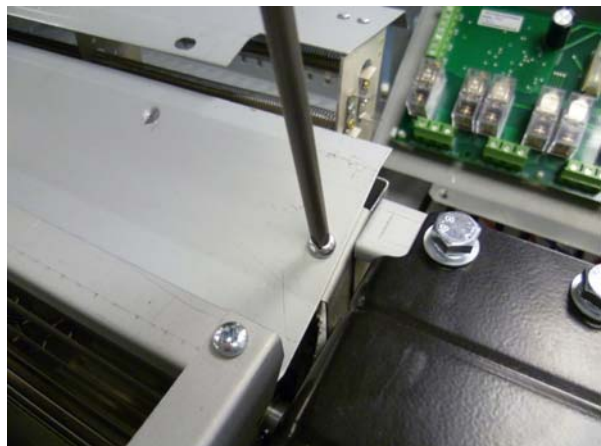
Step 3

Tilt the element housing back slightly then remove the screws securing the deflector to the bearing bracket.



Step 4

Remove the securing screw at the motor end of the deflector plate.



Step 5

Lift out deflector plate.



4. Removal & Replacement cont.

Step 6

Remove both screws securing the bearing support bracket



Step 9

Repeat procedure for R/H deflector plate.

Step 7

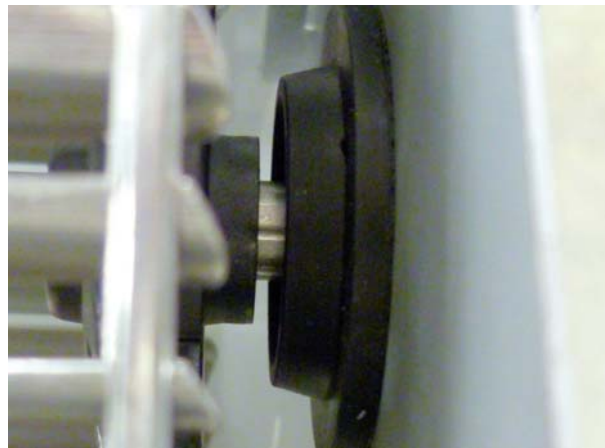
Push bearing support bracket towards outside of case to release bearing from its rubber housing then withdraw upwards.



Step 10

Replacement with new deflector plates is a reversal of removal but please note the following:

When fitting the new bearing housing bracket ensure the impeller bearing is pushed fully home into the rubber bearing housing as shown.



Step 8

Remove rubber bearing housing from its support bracket. If serviceable, retain for re-use. A new housing will be required if there are any signs of wear, cracks, splitting etc.

Step 11

Close grille then test air curtain for correct operation.

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