



# TECHNICAL SERVICE BULLETIN

## TSB-C-GN-SP-0032

**Date:** July 11, 2023  
**To:** All Service and Parts Managers  
**From:** Technical Services Department  
**Subject:** Air Handler (ACNF) Motors Rotating the Wrong Direction

We have received field reports of ACNF air handler motors rotating the wrong direction. We have determined that the motors were installed in the wrong orientation during production. The affected **serial number range is 2301717602 to 2305728689**. The model revisions listed below are the affected units. Distributors with affected ACNF units in the serial number range above should quarantine units for rework on site or return to DTTP to rework by requesting a Logistics RMA. Units installed in the field will need the motor removed and re-installed in the proper orientation. The instructions below should be used to rework the units.

Model	Rev.	Model	Rev.
ACNF180016	DG	ACNF240816	DG
ACNF180516	DH	ACNF300516	DG
ACNF240516	DG	ACNF300816	DG
ACNF240616	DG		

**Wrong**



**Correct**



### Instructions for removing and re-installing the blower motor on ACNF:

1. Turn power off to indoor unit.
2. Loosen set screw on each blower wheel, making sure wheel will spin freely.
3. Remove the venturi rings on the outside of the blowers and remove blower wheels.
4. Remove the ground wire from the blower housing.

*(Continued on next page)*

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5. Remove the blower assembly on the right side.
6. Loosen and remove bolts holding motor, rotate motor 180 degrees and reinstall motor.
7. Re-install the blower assembly and use caution when tightening the screws to keep from overtightening. Use the next size larger screw if needed.
8. Reattach ground wire to blower housing making sure not to overtighten screw.
9. Re-install blower wheels and check to ensure the blower wheels are centered in the blower housing and spin freely without touching the housing.
10. Ensure the blower wheel set screw is properly tightened without stripping set screw.
11. Install venturi rings making sure not to overtighten screws.
12. Turn on power to indoor unit and check for proper motor rotation.

Daikin will pay \$100.00 labor for each unit in distributor inventory if reworked at distributor's location using **Authorization Code 8746**. Distributors that choose not to rework units will need to contact their CSR and request an RMA to return units to DTTP.

For installed units with motors rotating the wrong direction, Daikin will pay Class "B" labor rate to rework units using **Authorization Code 8747**. Claims must be filed in Warranty Express as an Authorization type claim, using Authorization Code numbers listed above. The claim for labor should be filed using the Dealer's account number.

For units not installed and are reworked at the distributor, a list with model and serial numbers must be sent to [TechnicalServicesDaikin@daikincomfort.com](mailto:TechnicalServicesDaikin@daikincomfort.com) for labor reimbursement.

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