

FURRION

AC TROUBLESHOOTING





Unit Not Keeping Up / Thermostat Display Temp Off

When customer calls about unit not cooling, such as:

- Temperature of the Tstat is much colder than the actual room temp
- Compressor is cycling right away,
- compressor turned off, and coach never reached temperature
- Similar statements to the above

In most cases this is due to leaking between the cold and warm side of the AC giving a false indication of room temperature on the sensor as this makes the AC think it is much cooler than the room actually is.

Ask some of the following questions:

- Does turning the temp setting all the way to the coldest setting, cause the compressor to run longer?
- Where is the temperature sensor? Picture if you can provide.
- What is the air temperature coming out of vent vs going into the AC. Should be around 25-30F difference
- Describe the airflow coming out of the vents. Strong or weak?
 - Ducted or non-ducted application
 - Open both slider vents on the ADB, does this change the compressor cycle response. Does it change the air flow in the ducts?

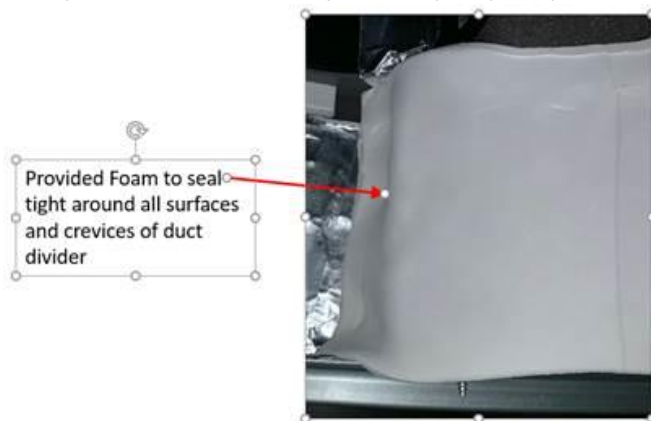
Unit Not Keeping Up / Thermostat Display Temp Off

Things to Check:

- Remove filter and check for any gap between the metal discharge outlet and ADB opening.
- Ensure that the Duct divider is tight to the bottom of the AC unit, smashed into the foam.
- Ensure that foil tape is used to seal between the two halves of the duct divider, including the sides in the cavity space.



- Please ensure that the provided foam is placed properly and conforms tightly to all the sides and top of the duct divider.



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The Air leakage Repair Kit has been developed to repair air leaks between the metal mounting plate and the plastic air distribution box.

Instructions are in kit showing where the pieces go to repair the leaks.

PN # C-FACT11MA-009



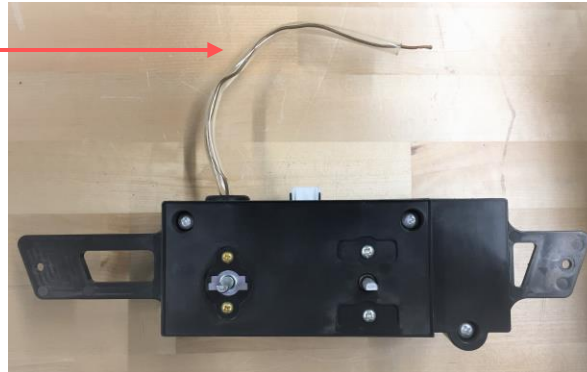
This needs done on all units in field before unit is returned for warranty

Unit Not Keeping Up / Manual Control

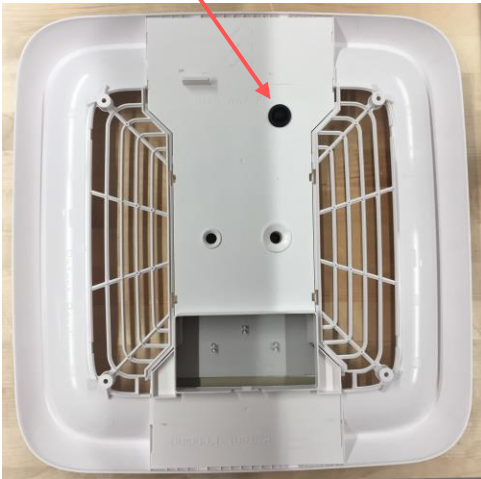
- AC unit is short-cycling, compressors stays on for 50 seconds, then shuts off for 1 ½ minutes before re-starting

More than likely the temp sensor is ran incorrectly as it should be ran up toward roof. We have seen multiple times that it is ran down through grommet into vents, this is incorrect.

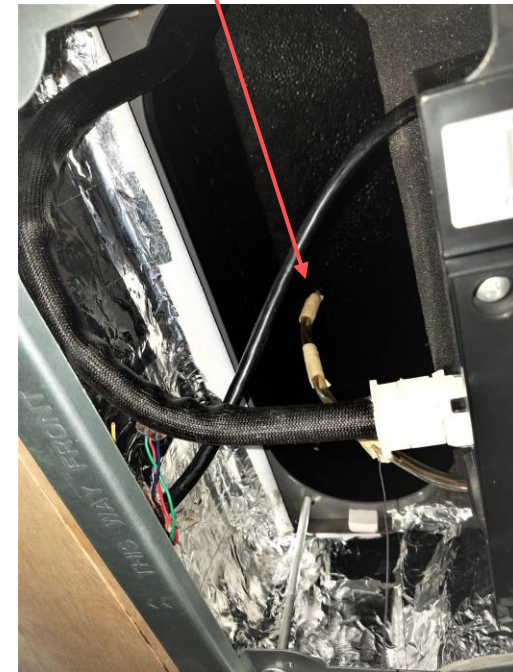
Temp Sensor (on manual)



Do not run through grommet



Ran Correctly!!!
(Scotch tape around for better view)



THIS IS INCORRECT!!!



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