

Fridge/Freezer Cabinet Check List

If your fridge is not getting cold enough or you are experiencing excessive condensation or your freezer is icing up, air is getting into your fridge and the moisture from this air is causing excessive water to build up in your fridge. Start by checking the following:

- Check the door seal is sealing correctly
- Check the door alignment and that it is closing correctly
- Check there are no other gaps or unplugged holes in the fridge

Check the Door Seal

Check the seal to make sure there are no tears or obvious signs of damage. If the seal is damaged replace it. A good way to check how the door is sealing is to run some chalk or lipstick around the door frame, then close the door and open it again. If the seal is good the chalk will transfer evenly from the door frame to the seal and be clearly visible right around it. If it is not, it will show gaps where the seal is not connecting. Check the hinge alignment and adjust to get the door so it is closing evenly once more.

Check the Door Alignment

If having carried out your lipstick test the door is not closing correctly you should have some adjustment on the hinges top and bottom to get the door to close evenly. Also check that the hinges have not been bent or become distorted. If they have replace them.

You may find with older fridges as the seals become compressed, making sure the locking catch is engaged helps to keep the seal tight and prevents condensation entering the cabinet.

Other Gaps or Unplugged Holes

On nearly all 12/24v compressor fridges there will be an evaporator plate or ice box that freezes to cool the fridge. The refrigerant the cools this plate will have to exit the cabinet – usually at the back of the box. Check that the hole the pass through is completely sealed as any gap is a source of air and so moisture.

If you find a gap fill it with a soft putty or sealant. Bluetack is excellent for this job as it is pliable, hardens when cold and has no odour.

If you use a silicone sealant make sure it is low odour, otherwise it can affect your food.

Check the drain

Many fridges are fitted with drains, especially top loading cool box conversions. If you have a drain at the bottom of your fridge make sure it has a bung or water trap or that the hole can be sealed in some way. If not, it will provide an opening for air and moisture to enter the fridge/freezer and excessive condensation will result.

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