



# **Frequently Asked Questions**

## **Isotherm Fridge & Freezers**

**Question 1 – Do all fridges operate on DC power?**

**As standard yes, but we now have a AC/DC power control box available as an option**

**Question 2 – Does the fridge have to be 12V or 24V?**

**The Indel range of fridges accept either 12V or 24V automatically**

**Question 3 – What is the average current draw on a fridge over a 24 hour period?**

**The average current draw will vary based on the ambient temperature at the time**

**Question 4 – How much insulation is in a standard Isotherm fridge?**

**43mm in a standard fridge, 50mm in a freezer**

**Question 5 – Can I have the door opening from either side?**

**Yes, however the decision must be made when placing the order**

**Question 6 – What internal temperature should I expect from a standard fridge and purpose designed freezer?**

**A standard fridge operating under an ambient temperature of 22°C will cycle between 6°C and 2°C. Purpose designed freezers will operate under the same conditions down to -22°C.**

**Question 7 – Can I change the colour of the fridge door?**

**Yes, but this is a special order. The standard is grey for the Cruise range and Brushed Stainless for the Inox range.**

**Question 8 – What does ASU mean?**

**ASU stands for Automatic Start Up.**

**Question 9 – What are the benefits of ASU?**

**When the fridge plant sources surplus power from either shore, genset, solar, wind or alternator it will run the fridge plant to maintain or store a bank of cold energy, so when your power is limited or low the fridge plant does not have to run and should maintain temperature without any extra power consumption.**

**Question 10 – Do Isotherm fridges work under extreme hot tropical climates?**

**If you provide plenty of ventilation for the fridge plant, the system should operate fine. Under extreme climate conditions Isotherm has the choice of 2 different sea water cooling options which eliminates all tropical conditions.**

**Question 11 – Under extreme conditions does the current draw increase dramatically?**

**Only if the ventilation is poor. There is no difference at all when using a sea water cooling option.**

**Question 12 – What are the advantages of using a hold over or magnum plate system?**

**The hold over system reduces the compressors run time dramatically, which therefore reduces the drain on your batteries. The ASU is extremely beneficial to this type of system.**

**Question 13 – Is a fan forced fridge more efficient than a static fridge box?**

Yes and no – what a fan forced fridge does achieve is an even cabinet temperature overall. However some people prefer the idea of stratification where you can store items that can be colder next to the plate, and other items like lettuce away from the plate so it does not freeze.

**Question 14 – Are the fridges & freezers covered by warranty?**

Yes, the Isotherm range of fridges and freezers come with a 2 year warranty.

**Question 15 – Can I install the fridge or freezer myself?**

If you have experience in the refrigerant business it is possible for you to do the installation yourself. Otherwise it is recommended that you employ a specialist to install the unit.

### **Question 16 – Why isn't my fridge cooling?**

**There could be a number of reasons that should be checked – power supply, gas, ventilation**

### **Question 17 – Why isn't the freezer keeping my items frozen?**

**Possibilities include those list in Q16, as well as direct sun exposure, door not closing properly or the freezer is too full.**

### **Question 18 – How does my fridge stay closed during rough seas?**

**Isotherm latches are designed to lock shut to avoid this from occurring, however to make sure this is the case, the door should be correctly shut after each use.**



**Question 19 – Do the fridges and freezers have an automatic defrost function?**

**Yes, some of the new models in the range are equipped with an automatic defrost function.**

**Question 20 – How many cooling settings are there on the fridges?**

**The variable thermostat has a range of 8°C - 2°C**

**Question 21 – Do the fridges and freezers have internal lights?**

**Depending on size some of the Cruise and Inox range come with an internal light.  
An internal light is standard in all Draw Fridges and Twin door fridge/freezers.**

**Question 22 – Do you also have Icemakers and Wine Cellars?**

**Indel makes a range of stylish glass front Wine Coolers for 23 or 36 bottles in 230V only. The Ice Makers are available in 230V with the choice of white or clear ice.**

**Question 23 – Do you have a range of Drawer fridges and freezers?**

**Yes, in various sizes and either in stainless steel or our new European styled glass front drawers.**