Important bar cooler information and facts

There are often numerous pieces of knowledge that are critical when selecting the appropriate refrigerator for the task at hand. This section hopefully answers most of the curly technical questions that you may have! If you can't find your answer here, then its best to give us a call!

Fridges outside

Q. Can I use these bar fridges outside in my outdoor entertaining area?

A. Yes, fridges are fine to be located outside, but there are many variables that will affect the performance of the fridge.

- Direct sunlight will definitely impede fridge performance; it is recommended that the unit be in a covered area and in no way in contact with sunlight or other variables that will heat up the area in which fridge is to perform. Glass door fridges work at least 2 times harder than a normal domestic fridge, especially when your desired temperature is quite low for beer chilling, say 2 degrees celsius.

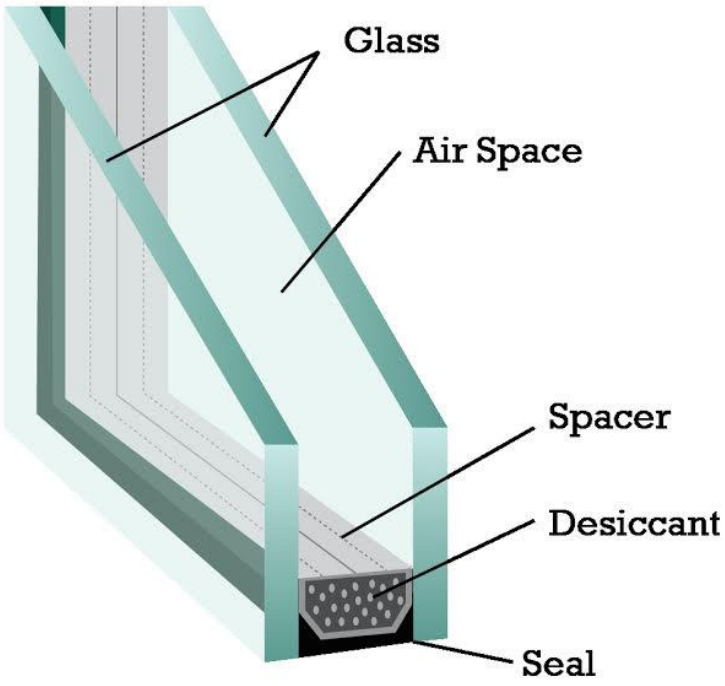
- Ventilation, most of these fridges require minimal ventilation, the Back Bar Cooler (BBK) styles have a system where they are vented from the front, so fitting snugly inside a cabinet is what they have been designed for. Always allow a minimum of 60mm at the rear as units (the power cord needs this minimum space to flex), approximately 40mm on top, and 30mm at each side to allow doors to open where they hinge. The units require air to circulate so that when warm air is vented from the front it can easily rise and clear the unit rather than being sucked back into the cool air inlet. Failure to provide adequate ventilation will make a fridge work harder, lower its life expectancy, and increase your energy consumption.

- Ambient temperature, this is the actual temperature of the outside air in the area where the fridge is located. All units are tested between 32°c >and 43°c ambient, however this is just a test, and the units have to work extra hard in this environment. When ambient temperatures exceed 30°c it takes far longer for the units to

Mukesh Ganjawalla enterprises | Hema house, Chandawarkar road, Borivali West, Mumbai 400092, India | Tel. +91 22 28959893 / 9894 | Email: harshal.ganjawalla@gmail.com | URL: www.mgpro.in / www.indiamart.com/hapl

get to the set temperature - so if you were planning to have a party and knew it was going to be an extra hot day, then it would be best to fill the fridge the night before and get as many cold ones happening as possible. Adding warm drinks during the day can take a long time to chill – especially when the door(s) are being opened and closed repeatedly by many people.

- Condensation in humid areas is quite normal for glass door fridges. The higher the relative humidity, the more likely that condensation will form on glass doors. Even if the ambient temperature is mild at 25°c, the humidity can be 80%, meaning that doors will still have low levels of condensation. Super-hot days in conjunction with high levels of relative humidity bring large levels of condensation to glass doors - similar to windscreens in vehicles. MGPRO has combated condensation with 2 features, and now over 70% of our range now has one or both of the following;



Double glazed insulated glass: - this reflects heat rays up to 70% better than normal glass and really helps with condensation issues. We get Insulated Glass on all our units wherever possible. Testing shows that condensation begins to form when relative humidity is over 55% with double glazed insulated glass.

Hot Air Heated Glass: - this is where glass is mildly heated redirecting the hot air discharged from the compressor on to the glass. By warming the glass and with a mild flow of air, we stop condensation on its surface. This is an expensive part of the fridge design, and therefore it is only available on a few select models of showcases.

All commercial style fridges make some noise. The level of noise and what is perceived as 'noisy' will vary with the individual. Basically the commercial under counter 1, 2 & 3 door models run at a dB of between 49 and 55. A small domestic fridge runs at around 36dB to give a comparison of actual noise.

In the next newsletter we will cover in detail the subjects of noise levels, power consumption and cooling along with a few facts that you must know. We hope that this information is helpful to you and look forward to receiving your feedback.

Please feel free to write back to us on the below contact details.

Best regards,
Harshal Ganjawalla
Executive Director
Hospitality Appliances Pvt. Ltd.
Mobile: +919833418838