

## Instruction manual

Squell® Bag-in-Box Cooler  
Model BiB 100



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### Elimination of failures

You can eliminate many general problems of the BiB Cooler yourself. Please follow the instructions below to eliminate certain failures. Please contact our customer service if another problem occurs than the ones mentioned since we assume no liability for injuries or damages otherwise.

#### No cooling

The device is not connected properly.  
A mains failure occurred.  
The thermostat has been set to "OFF".  
A fuse has blown.

#### The compressor does not stop automatically

If you put too warm Bag-in-Box into the BiB Cooler, the compressor is running constantly for several hours and returns to standby position only a couple of hours after all Bag-in-Box boards have cooled down completely. The door is opened a lot of times or was not closed completely.

#### Insufficient cooling

The Cooler is exposed to direct sunlight or is placed close to a heat source. The required distance above, behind, or at the sides of the BiB Cooler is too small. The door is often opened or was not closed completely.

### Technical data

Model	BiB 100
Volume capacity	50 litres
Connected load	220 – 240 V / 50 Hz
Capacity	68 W
Power	0,61 A
Range of temperature	3°- 13°C
Device measurements	470x600x490 mm (BxDxH)
Cooling agent	R 600 a, 20 g
Isolation gas	C <sub>5</sub> H <sub>10</sub>



### Disposal

The BiB Cooler uses flammable gases for the cooling circuit and the heat insulation. It must not be exposed to great heat and must be disposed according to the regulations.

We reserve the right to perform certain modifications.

### **Temperature setting**

The thermostat is located at the rear side of the device. If it is set up, the cooling capacity is higher and the temperature inside the BiB Cooler is lower. If the thermostat is set to "OFF", the cooling circuit is stopped. You can also interrupt the power supply. Please set the thermostat to "MAX" as you would like to reduce the temperature quickly.

### **Defrosting recommendation**

The Cooler must be (e.g. once a week) defrosted. Separate the Cooler from the current power supply and take the BiB out of the lower level. Remove the black stopper from the Cooler ground so that the water runs out into the white collecting basin. After 2 hours empty the white collecting basin and put it back under the Cooler. If necessary, repeat the process. Then connect the Cooler with the power supply again. During the defrosting process the Cooler can be used as usual.

### **Caution!**

Do not scratch the cooling plate with sharp objects since this can cause damages to the evaporator.

### **Cleaning and maintaining the BiB Cooler**

Disconnect the BiB Cooler from power and remove all Bag-in-Box boards to clean the BiB Cooler. Clean the inner and outer surface, the rubber sealing of the door, the plastic parts, and the boards with a warm, damp cloth and a neutral cleaning agent. Please use a dry cloth afterwards to dry all surfaces. Disconnect the BiB Cooler from power if it is not used for a longer time, and open the door for 1-2 days so that the interior can dry after cleaning.

### **Note!**

The following materials will damage the coating and the plastic parts and must therefore not be used for cleaning the device: Hot water, thinner, benzene, alcohols, kerosene, washing powder, cleaning creams, basic cleaning agents, acids, chemical cloths.

## **Instruction manual**

### **Squell® Bag-in-Box Cooler**

Model BiB 100

### **Before start-up**

Please read the instructions carefully before installing and starting the device. Although the device was checked for its functionality, damages can occur during the transport. Please check the device immediately upon receipt for its proper condition. Check if there are visible damages to the device. If you discover any damages, please report immediately to our customer service or repair service. Please keep the packaging, for this can be used to store the device if you move or if you have to send it back to our repair service. The connection cable as well as the plug must not show any damages. If this is the case, a quality and failure check has to be performed by our customer service.

### **General safety information**

This product corresponds to the generally approved safety regulations and was manufactured according to the latest state of art.

Nevertheless, damages can occur. The device may only be used for its designed purpose. Technical manipulations or the installation may only be performed by specialists. Warranty voids if damages occur due to improper usage.

### **Note!**

Please pay attention to the following notes to prevent injuries and electric shocks:

Check the connection voltage before connecting the BiB Cooler to the power supply. This must match the voltage of the power supply. The BiB Cooler requires its own socket or can be connected to a multiple socket respectively extension cable if the wire cross section of the connecting cable is  $3 \times 1.5 \text{ mm}^2$  minimum. Otherwise, an overheating of the socket may occur. Do not store any flammable material like benzene, ether, adhesives, etc. in the BiB Cooler.

Protect the BiB Cooler against water splashes as these may cause failures or electric shocks.

If gas is escaping from the closed cooling circuit, please remove the plug from the socket and call an engineer of our customer service.

The socket must be properly grounded. Do not move the device by pulling the power cable.

The power cable must not hang down from sharp edges of tables or counters and must not come into contact with hot surfaces.

Please keep the instruction manual for future usage. The instruction manual must be handed over together with the device if you give the device to third parties.

Please check the connection cable for damages from time to time. If the cable is damaged, it may only be exchanged by an electrical engineer or the supplier's service centre.

Do not use the device if it does not work properly, if it is damaged, or if it fell to the ground. In the case of failures or damages, please contact our customer service.

Maintenance work and repairs must be performed by qualified personnel, and original spare parts and accessories must be used. Please do not perform any repairs by yourself!

## Installation and operating the device

### Installation

If you set up the BiB Cooler, it must not be sloped by more than 45°. Please handle the condenser and the door carefully as damages may affect the function of the device.

Set up the BiB Cooler on a solid and even surface to stabilise it. Do not set it up on soft material like foamed plastic etc. to prevent the device from shaking or producing noises.

Set up the BiB Cooler such that a free air circulation will be guaranteed.

Good ventilation around the BiB Cooler is absolutely required for heat dissipation since it improves the cooling effect and saves energy.

Please leave a distance of at least 50 mm between the rear part of the BiB Cooler and the wall, 100 mm to the left and to the right and 300 mm to the ceiling.

Set up the BiB Cooler such that it is not exposed to direct sunlight and is not close to heat sources (oven, heater, radiator etc.). Heat can have influence on the coating and the cooling and increase the power consumption.

Do not set up the BiB Cooler in a wet place. High air humidity causes corrosion of the metal parts or dysfunctions of the insulation. Do not spray any water on the BiB Cooler since this may lead to an electric shock.

If you are using the BiB Cooler for the first time, please wait until it has reached the required temperature. This normally takes 2 to 3 hours.

The temperature can be set by the thermostat control. Generally, a mean temperature is most appropriate for normal use.

Please do not store any heavy, toxic or rusty objects in the BiB Cooler.

## Operation details

### Inserting the Bag-in-Box



**open  
the BiB**

**insert  
the BiB**

**remove  
strap**

**fix pump  
valve**

**shut  
door**