

IBC/Bpro - Container Heater (up to 90 °C) - Operating Instructions

Safety instructions

1. Read all instructions before using the heater.
2. When not in use unplug the mains lead.
3. Do not immerse the heater in liquids.
4. Do not touch the surface of the heater during operation. After switching off, allow the heater to cool completely before handling.
5. Use the heater only for its intended use, as described in these instructions.
6. Disconnect from the electrical supply before removing terminal cover.
7. The heater must not be used if it is damaged in any way. If the mains lead is damaged, it must be replaced by the manufacturer or a similarly qualified person in order to avoid hazard, using a special flexible cord.
8. The heater should be connected to the electrical supply via a residual current device or other equipment providing protection from electric shock.
9. During operation, vent the container to avoid building up internal pressure.



Electrical requirements

Check that the voltage marked on the heater corresponds to the electricity supply that it will be connected to which must be AC (Alternating Current).

The IBC/B_{pro} is of double insulated construction so does not require an earth connection. A suitable approved plug for the country in which the heater is being used should be fitted to the mains lead by a suitably qualified person.

Instructions for use

1. The Container Heater IBC/B_{pro} is designed to be used on bottle-in-a-cage container for the warming of the contents.
2. Fit the heater to the container by wrapping around and securing with the quick release buckles. Make sure that the jacket is wrapped around the whole container without creases.
3. Use both heating circuits if the container is full. Switch off the upper heat circuit when the filling level is near half. You can set different temperatures for the two heating circuits. Please note that the thermostat sensor is positioned to sense the temperature at the junction between heater surface and container, not the container contents. Obtaining the ideal temperature of the contents must be via experimentation and experience of the material being heated.
4. Plug the heater into the electricity supply.
5. The heater jacket will begin to heat up and continue until the required temperature set by the thermostat is reached. It will then cycle at this set point until the thermostat setting is changed or the heater is removed from the electricity supply.
6. Switch off and remove the heater from the drum before discharging the contents. This will avoid contaminating the heater from spillages.
7. Do not bend or crease the jacket when it is plugged in. This could lead to overheat and damage the jacket.

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Cleaning & storage

Before cleaning the heater always disconnect from the electricity supply. Wipe the jacket and terminal box with a damp cloth. Do not use solvents or scouring agents and never immerse the heater in liquid.

When not in use, the heater can be folded rolled up for storage. For further information on use or service contact the manufacturer or supplier.

Technical data

Max. temperature of insulation	220 °C
Outer material	Silicone - coated fibreglass
Insulation material	Fibreglass
Protection class	II
Cable length	4 meters
Type of cable	H07RN-F with Schuko-plug
Fastening	Quick-release buckles
Control	2 Capillary pipe thermostats or 2 digital thermostats
Control range Capillary thermostat	0 – 90 °C (or 0 – 40 °C)
Control range Digital thermostat	On demand (standard: 0 – 90 °C)
Heating zones	2
Special sizes possible	yes
Max. temperature	90 °C

Container size	Power at 230 V	Length	Width	Part-No. (with capillary thermostat)	Part-No. (with digital thermostat)
1000 liters	2 x 1000 W	4400 mm	1000 mm	387E.001	387J.001

Find more information about us and our products on www.freek-fassheizungen.de or www.freek-heaters.com.

No warranty claims can be derived from these user instructions.

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