



# MediHeat V1200DT

## Veterinary Recovery Chamber

### Operating Instructions

#### Description

The V1200 Recovery Chamber is an electronically controlled warm air cabinet, designed to aid the post operative recovery of small animals/mammals and act as an avian hospital cage. It can also be used as an IV fluid warming cabinet.

The cabinet is constructed from tough ABS plastic, and has a ventilated perspex door for a clear view of the inside. It is designed to be used either lying on its back or standing upright.

A digital thermostat accurately controls the internal air temperature, adjustable between approximately 10 & 50°C, which is displayed on a digital module. An indicator light shows heater operation.

For IV bags, aluminium shelves can be purchased to fit the moulded ridges. Please speak to your supplier.

#### Specification:

Power	120w
Voltage	240v ~ 50/60Hz
Protection	IPX0
Standard	BS EN60335 & BS 5724 Part 1

## Technical Data

The mains lead fitted to this device is of type Z attachment. This means that if the lead is damaged in any way, it cannot be replaced, and the device should be returned to the manufacturer for repair.

The moulded plug is fitted with a 3 amp fuse. If the fuse needs to be replaced, always use a 3 amp BS13653 fuse. If the plug needs to be removed, connect the wires as follows:

The wires in the mains lead are coloured in accordance with the following code: Blue – Neutral  
Brown – Live

The wire coloured Blue must be connected to the terminal marked N or coloured Black. The wire coloured Brown must be connected to the terminal marked L or coloured Red. Neither wire should be connected to the terminal marked E or coloured Green or Green & Yellow.

## Instructions for use

### Controls

All of the controls are located on the front of the device above the door. They consist of the following:

- On/Off Switch Located on the left hand side. Illuminates when the power is on.
- Temperature Display Displays the internal air temperature of the chamber.
- Adjustment buttons Used to adjust the set-point of the digital thermostat

### Operation

The cabinet is fan assisted, and the operation of the fan is integral to its function. The thermostat sensor is located in the airflow going through the fan, which draws air from inside the cabinet and passes it through the internal casing forcing it back into the cabinet through the grill in the opposite end.

When initially switched on, the digital thermostat will perform an internal check before displaying the current internal temperature of the device. The fan will also be heard to start. Assuming that the set temperature is higher than the current internal temperature, the output light ('Out' on the display module) will illuminate, signifying that power is being supplied to the heater elements. This light will cycle on/off with the thermostat. These elements are located on both sides and the floor of the internal casing, with an additional element located in the rear over which the air being circulated is passed. This ensures that when used lying on its back, what is now the 'floor' of the device is not directly heated allowing animals to be placed directly on this surface if required.

Due to the flow of air around the inside of the cabinet, it is impossible to ensure a precise temperature throughout, and this should be borne in mind during use. Warmer and cooler areas are likely to exist in particular close to the cabinet side walls and towards the door respectively.

On initial warm up, it may be found that the temperature overshoots the set point. This is normal, and the unit should be left to stabilise for 15 minutes prior to use.

The thermostat is accurate to approximately +0.4°C and -0.2°C.

### Temperature Adjustment

The set-point temperature is adjustable between factory set limits of 10 and 50°C in 0.1°C increments, and is factory set to 38.0°C

To display the current set-point value, press button 'P' momentarily. The display will alternate between 'SP' and the set-point value. To exit set-point display press 'P' again, or if no buttons are pressed the display will revert to the current detected temperature automatically after 15 seconds.

To adjust the set-point value, press 'P' momentarily then use the *UP* and *DOWN* arrow buttons to adjust the value higher or lower. Pressing 'P' again, or leaving the display for 15 seconds, will exit the menu and save the current set-point value.

### Standby Mode

If required, the heating elements can be switched off leaving the fan circulating air. To put the device in *Standby* mode press and hold the 'U' button for approximately 3 seconds. The display will shut down except for a Green LED. To resume operation press and hold the 'U' button for 3 seconds.

If the power is interrupted at any time, the device will power up in the same condition it was in before the power loss.

## Maintenance

**The device is a sealed unit, so only the following items are user serviceable. For repairs, please return to Peco Services Ltd.**

### Cleaning

**Always disconnect the device from the mains power supply before cleaning it.**

The device should only be cleaned with mild detergents and sterilising solutions. Under no circumstances should solvents of any kind be used. Use of such materials will damage the device.

The V1200 is classified as IPX0. This means that it is not waterproof, but can withstand ingress of a small splash of water. When cleaning the device, use a damp cloth and mild detergent. Care should be taken to prevent contact with water or other liquids whilst in use.

In the event of water or other liquids entering the device, it should be returned to the manufacturer for inspection/repair.

### Fan Filter

The fan filter can be removed for cleaning. It is located in a plastic frame clipped to the fan. Remove the frame by carefully prising it away from the fan using your fingers. Clean the foam filter by washing in soapy water and leave to dry in air at room temperature. Replacement filters are available.