

**OPERATING INSTRUCTIONS FOR
QED SCIENTIFIC
DC-W RANGE OF
BLANKET
WARMING CABINETS**



**QED Scientific Ltd
Sycamore House
Eccles Road
Whaley Bridge
High Peak SK23 7EW**

**Tel: 01663 735494
Fax: 01663 732744
www.qedscientific.co.uk
sales@qedscientific.co.uk**

STORING BLANKETS IN WARMING CABINETS

Thank You for purchasing this QED Scientific warming cabinet.

When storing blankets you must take care that when placing them on the shelves they do not block the movement of air around the chamber.

Never place blankets on the perforated base of the chamber.

Keep the lowest shelf about 2” above the chamber base to allow adequate airflow around the product and aid warming.

If you experience temperature instability, incorrect loading will probably be the cause by blocking the shelves causing low airflow .

If in doubt, please call us – we’re here to help!

SAFETY & OPERATING INSTRUCTIONS

ELECTRICAL

The wires in the mains lead are coloured in accordance with the following code:

GREEN & YELLOW	= EARTH
BLUE	= NEUTRAL
BROWN	= LIVE

As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

- * The wire that is coloured GREEN & YELLOW must be connected to the terminal in the plug which is marked by the letter E, coloured GREEN or GREEN & YELLOW.
- * The wire that is coloured BLUE must be connected to the terminal that is marked by the letter N or coloured BLACK.
- * The wire that is coloured BROWN must be connected to the terminal that is Marked with the letter L or coloured RED

A 13A fuse in the mains plug or distribution board must protect this apparatus.

WARNING

THIS APPARATUS MUST BE EARTHED.

CAUTION

For a complete electrical disconnection pull out the mains plug.

CLEANING INSTRUCTIONS

This is an electrical appliance. The chamber should only be cleaned with a damp cloth when disconnected from the mains supply. The outer body can be cleaned with a non-wax polish.

FLUIDS

These cabinets are not designed for warming or storing of fluids.

Any spillage must be cleaned up immediately. If it is suspected that fluids may have entered the base area, the appliance must immediately be disconnected from the mains supply, taken out of use, cleaned and checked for electrical safety before being put into use again.

Any damage caused by this is called misuse, and is not covered by the guarantee.

WARNINGS

THIS APPLIANCE MUST NOT BE USED IN THE PRESENCE OF FLAMMABLE VAPOURS OR ANAESTHETIC GASES.

DO NOT OVERFILL THE CABINET -

Suggested maximum capacities are:

DC113W	4-6 blankets
DC226W	8 blankets
DC540W	15 blankets
DC1000W	30 blankets

OPERATING INSTRUCTIONS

- 1 Site the appliance on an even, level surface, QED stand or wall fixing kit as supplied by QED Scientific. Ensure that the door is level.
- 2 Connect to the mains supply.
- 3 Turn on the mains power switch. The green power light will come on as will the amber light that indicates power is being supplied to the heater.

Once the air temperature in the chamber has reached the set temperature, the amber heat light will go out. As the chamber temperature stabilises, the amber heat light will switch on and off. This is known as cycling and shows correct operation of the heater system. You can now place blankets on the shelves. **NEVER PUT BLANKETS IN THE CABINET WITHOUT PRE-WARMING THE CABINET FIRST. DO NOT OVER FILL THE CABINET.**

- 4 The cabinet is fitted with a safety overheat cutout that has been factory set to approximately 45C. If you find that none of the blankets are getting warm enough even with the temperature dial set to maximum, this is because the safety cut-out is limiting the maximum temperature. This can be adjusted:

Empty the blankets from the cabinet.

Remove the black plug (about 10mm diameter) covering the safety thermostat near the temperature controller. Using a pair of long-nose pliers on the thermostat shaft turn the shaft about 1/8th turn clockwise. This will increase the maximum temperature by about 10 degrees.

Before replacing the blankets allow the temperature to stabilise then check the cabinet temperature using a thermometer. Adjust the thermostat as necessary, check again. When the cabinet is controlling correctly, replace the black plug and put the blankets back in the cabinet ensuring that the cabinet is not over-filled and that there is adequate room between the blankets for the warm air to freely circulate.

HOWEVER, if the lower blankets are warm but the top ones are cold then you have overfilled the cabinet. Remove the excess blankets.

If you experience a temperature control problem, empty the blankets from the cabinet and check again that there really is a problem before calling the QED Scientific engineer.

All call-outs outside the warranty (ie due to user error or mis-use) are chargeable.

Do not over-fill the shelves. Please refer to the printed leaflet for details of the recommended maximum storage capacity.

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If you experience persistent operational problems, take the appliance out of use and contact QED Scientific or your site electrician for assistance.

MAINTENANCE AND SERVICE CONTRACTS AVAILABLE. PLEASE CALL.

Other products in the QED Scientific range include:

- Fluid warming cabinets
- Instrument warming cabinets
- Bone cement cooled storage cabinet
- Blood bank refrigerators
- Ripple mattresses
- Ventilated storage for tissues in formalin
- Operating theatre & surgical lighting



Suppliers of Equipment for Hospitals and Laboratories.

MEDICAL PRODUCTS

Blood Bank Refrigerators	Capacities from 20 to 700 bags.
Plasma & Bone Freezers -40C	Capacities from 136 to 400 litres, upright / chest
Plasma Thawing Baths	8 and 12 standard FFP pack sizes
Filtered Specimen Storage	For storing specimens safely in theatre areas
Blanket Warming Cabinets	(For theatre recovery) 113 to 1,000 litre capacity
Fluid Warming Cabinets	(For operating theatres) 9 to 150 1-litre bottles Custom build capability
Instrument Warming Cabinets	For warming instruments & lotions in theatres, clinics, etc
Operating Theatre Lights	An extensive range of lighting for theatres & surgery Ceiling, wall & mobile models
Bone Cement Cabinets	For storing bone cements at 20C (otherwise flammable)
Pharmacy Refrigerators	Ward & clinic models 47 to 155 litres Pharmacy models 155 to 2040 litres capacity Blast chillers
Medical Refrigerators	Safe storage at +4C From 50 litres upwards

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Telephone: +44 (0) 1663 735494 . Fax: +44 (0) 1663 732744