

RESUSCITATION CABINET.

INSTALLATION INSTRUCTIONS.



Resuscitation Cabinet Installation Instructions.

Version 5.0. 04/01/05.

Part no.: 0390002.

CE086

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1. Introduction.

The range of Resuscitation Cabinets contain a carefully selected group of products; each main item can be purchased as a single item for use individually.

Viamed have combined these devices into one product in an arrangement to suit maternity and labour departments.

For this reason each device has its own service instructions, and thus this manual is an accumulation of all the information required to use each item to its best, in accordance with the original manufacturers instructions.

Devices forming component parts of the Resuscitation Cabinet:

- Cabinet.
- Ceratherm 600-2 Infant Radiant Warmer.
- Tom Thumb Resuscitation Unit.
- Suction Controller.
- Timer.
- LinBins.

All the relevant components carry the correct and relevant CE marking.

The following figures are provided to allow calculations of the loadings. It should be noted that the centre of gravity, of the warmer unit in particular, is quite far back due to the location of the transformer.

- The Wandarm weighs 3.3Kg. This mass acts at right angles to the mounting points by a distance of 0.41m.
- The Radiant Warmer weighs 4.85Kg. This mass acts at right angles to the mounting points by a distance of 0.81m.
- The distance between the mounting points is 0.19m.
- The cabinet, when loaded with standard equipment, weighs in the region of 25Kg, allowance must be made for the additional weight of the infant, and potential forces applied by staff, whilst using the equipment.

Installation.

Please refer to the Infant Radiant Warmer and Cabinet sections of this manual for the respective installation instructions.

The standard gas hoses exit through the cabinet base, although if specially requested, exits can be placed in either of the sidewalls, preferably near the base of the cabinet.

The Tom Thumb requires a standard oxygen wall outlet, or oxygen cylinder.

The Suction Controller requires a standard vacuum supply.

The gas supply should be placed as close to the cabinet as possible, to avoid trailing gas hoses.

Enough space should be left between the cabinet and gas outlet, avoid kinks in the hoses.

The heater requires a standard 13-amp socket; this should be situated on either side and at a similar height (preferably slightly above), to the heater wall plate. A space of at least 150 mm should be left between the centre of the wall plate and the mains socket.

All other equipment within the resuscitation cabinet can easily be installed using the clamps supplied.

The storage linBins can be hooked on their own, dedicated, louvered back plate, in any position.

Servicing personnel must, at all times, be aware of the potential clinical implications of incorrectly serviced equipment.

2. Ceratherm 600-2 Infant Radiant Warmer.

Comprehensive manuals covering Operation and Servicing of the Ceratherm 600-2 Infant Radiant Warmer are supplied with the Resuscitation Cabinet. Please refer to these manuals before use.

Each Ceratherm 600-2 Infant Radiant Warmer is safety tested to Class 1, type B and a certificate supplied.

It is recommended that the equipment be retested for safety and function after installation, and at least annually thereafter.

The Infant Radiant Warmer hinged arm is supplied with a 2m mains lead with a moulded, 13amp fused mains plug. The mains lead can be shortened and a new plug fitted if required. Equally, the plug can be removed and the mains lead shortened and /or connected to a 13amp fused spur type mains outlet.



3. Cabinet.

The cabinet has been custom designed to Viamed' specifications.

Installation.

Due to different wall constructions, Viamed do not supply fixing screws. A qualified installer must assess the correct fasteners required. Viamed does not offer a direct service of installation, but if requested can arrange for an outside contractor to complete the work. The additional expense of this service will be charged to the customer unless previously quoted as inclusive.

The following hole positions are approximate and may vary due to manufacturing and design changes. Viamed recommends that the installer take the necessary measurements from the cabinet itself before finalising position.

Gas pipe outlets.

The standard position for the gas hose exit point is located in the midpoint of the cabinet base (floor). The standard cabinet is supplied with three holes.

If specified by the customer, at the time of ordering, these holes may be in alternative positions.

Ideally, the gas supply needs to be in close proximity to the cabinet. Each hose supplied is 3 metres long, leaving approximately 2 metres external to the cabinet.

Diagram 1: Overall Installation.

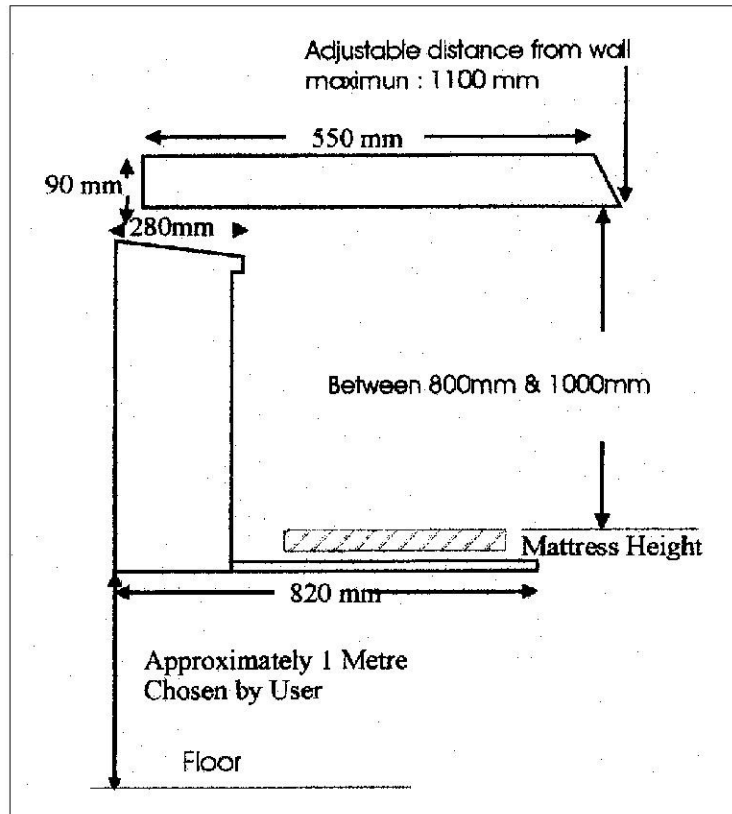
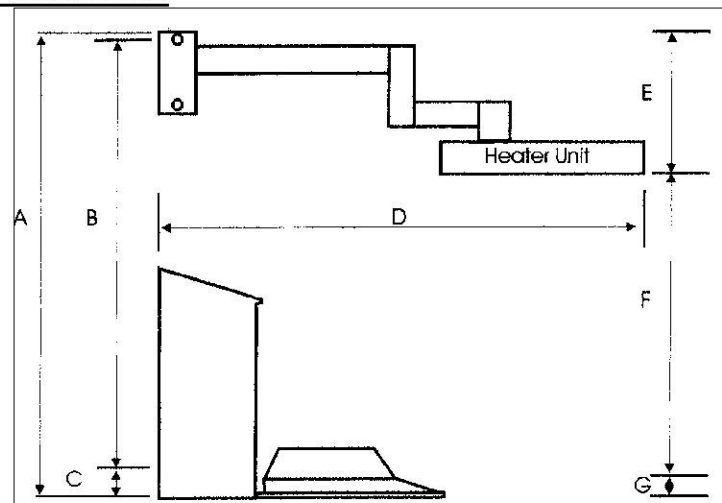


Diagram 2: Overall Installation.



- A. 1325mm; base of the cabinet to the top of the wall bracket.
- B. 1245mm; lower cabinet securing bolt to the top wall bracket-securing bolt.
- C. 80mm; base of the cabinet to the lower cabinet-securing bolt.
- D. 1100mm; maximum distance between the wall and the tip of the radiant warmer.
- E. 430mm; base of radiant warmer to the top of the wall bracket.
- F. 810mm; base of radiant warmer and the top of the mattress.
- G. 85mm; base of the cabinet and the top of the mattress.

Diagram 3: Radiant warmer dimensions.

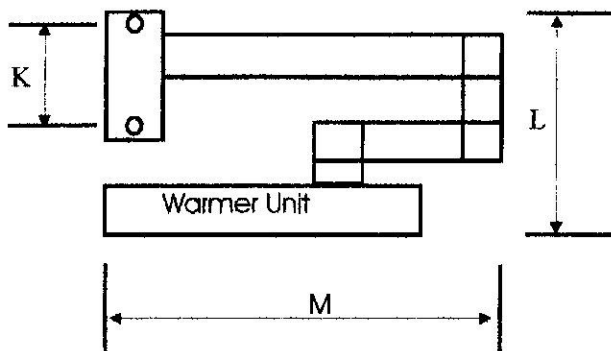
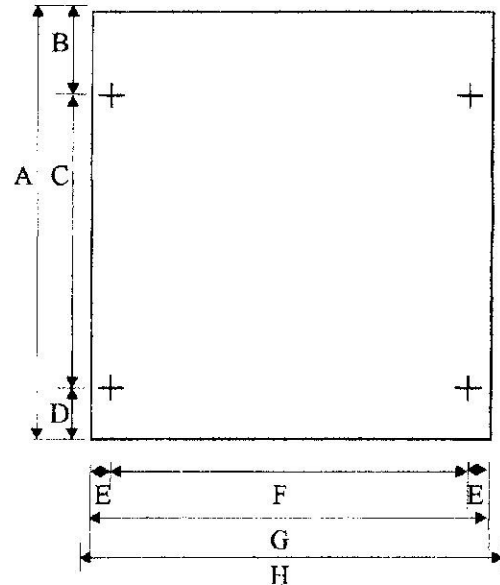
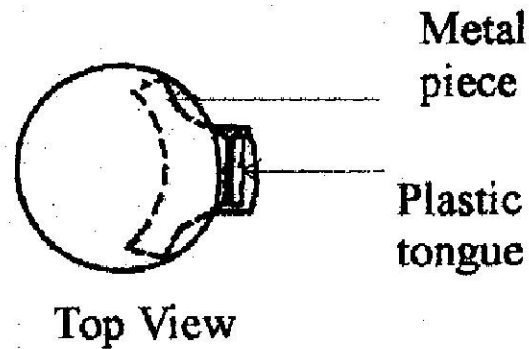
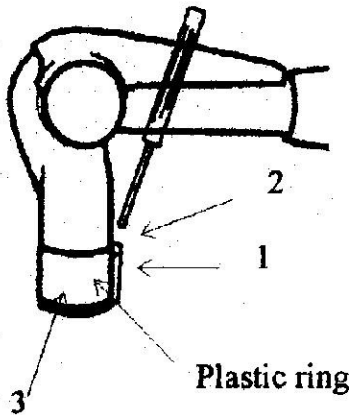


Diagram 4: Cabinet back dimensions.



- | | | |
|--|--|-----------|
| K. 190mm; distance between wall bracket bolts. | A. 665mm. | B. 30mm. |
| L. 430mm; top of the wall bracket and the base of the radiant warmer. | C. 455mm. | D. 80mm. |
| M. 570mm; minimum width when the radiant warmer is folded back against the wall. | E. 30mm. | F. 555mm. |
| N. 270mm (not shown); minimum depth when warmer is folded against the wall. | G. 615mm. | |
| | H. 650mm; minimum width required to accommodate the cabinet. | |

Diagram 5 & 6: Radiant Warmer Hinged arm.



Disconnecting the arm.

1. Loosen the screw set in the plastic ring.
2. Insert a screwdriver between the metal piece and the plastic tongue.
3. With the screwdriver in position push the plastic ring upwards

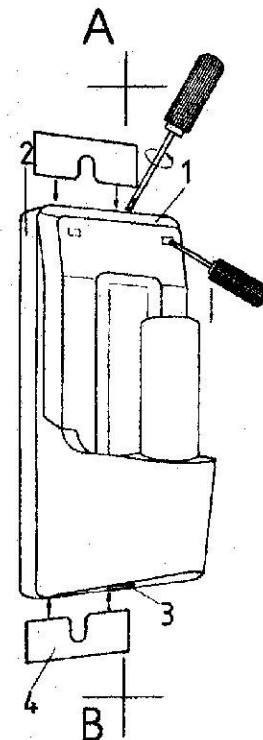
Connecting the Arm.

Reverse the above instructions.

Mounting Instructions.

Drilling template for wall bracket.

1. Remove the housing.
2. Unlock the cover, and remove.
3. Remove the cap.
4. Mark the position of the plugs in a vertical line using crosses A & B on the card supplied.
5. The plugs supplied should be cemented in and allowed to set.
6. If the wall is uneven slide the distance plate between the wall and the bracket and screw tight.



(Refer to the "Ceratherm 600-2 Radiant Warmer Operators and Servicing Manuals").

4. Suction Controller.

If the unit has been supplied with a suction controller a standard vacuum supply is required.

The vacuum supply should be placed as conveniently close to the cabinet as possibly thus eliminating the need for trailing gas hoses. Enough space between the cabinet and the gas outlet should be left to avoid kinks in the hoses

The suction controller comes complete with a suction jar/cage with its own universal mounting clamp

designed to fit any of the rails within the cabinet. The jar is connected to the controller by means of a clear tubing (supplied)

5. APGAR Timer.

The standard timer is supplied with its own universal mounting clamp designed to fit any of the rails within the cabinet.

6. Tom Thumb.

The Tom Thumb requires a standard oxygen wall outlet or oxygen cylinder.

The gas supply should be placed as conveniently close to the cabinet to avoid trailing gas hoses. Enough space should be left between the cabinet and the gas outlet to avoid kinks in the gas hoses.

The Tom Thumb is supplied with its own universal mounting clamp designed to fit any of the rails within the cabinet.

7. Storage Lin Bins.

3 bins are supplied as standard; these can be hooked on any of the fixed cabinet brackets.

8. Bed & Mattress.

The bed is supplied fixed to the inside of the resuscitation cabinet door.

The mattress sits on the bed with no need for further securing.

9. Company Details.

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