

# Resuscitation Cabinet

Instructions for use

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# Introduction

Thank you for purchasing a Viamed Resuscitation Cabinet, if maintained correctly this unit should give many years of trouble free service.

This Manual contains instructions for the erection, use and maintenance by the operator. Viamed is not liable for the proper functioning of any part of this product if it is not operated according to the instructions, if the maintenance recommendations in this Manual are not followed or if repairs are carried out using non-approved components.

Calibration and repairs should be performed only by trained personnel.  
Maintenance documents are obtainable through your local dealer or direct from Viamed.

The personnel who work with this equipment should read this Manual carefully and should fully understand all instructions contained therein. The Manual should be kept so that it can be easily inspected; it is advisable to store it in an easily accessible place. If you do not understand any function or part of this manual please contact Viamed or a Viamed distributor in order to obtain further information or clarification

## Components

The range of Resuscitation cabinets contain a carefully selected group of products, each main item can be purchased as a single item to function on its own. 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 manual and thus this manual is a cumulation of all the information required to use each item to its optimum in accordance with the original manufacturers instructions.

All the components carry the correct and relevant CE marking.

The CE files for each component are held by the original manufacturer or in Viamed.

## **Installation**

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

### **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)

### **Timer**

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

### **Storage Lin Bins**

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

### **The Bed and matteress**

The bed is supplied fixed to the cabinet front platform and requires no installation  
The matteress sits on the bed with no need for securement

# The Cabinet

CE Classification: Class 1

This cabinet has been specially designed to Viameds specifications.

The cabinet supplied may be different to Viameds' standard if the staff responsible for the order requested changes to be made.

## **Fixing to the wall**

Due to different wall constructions Viamed do not supply fixing screws.

The correct fasteners required must be assessed by a qualified installer. Viamed does not offer a direct service of installation but if requested can arrange for an outside contractor to complete the work. The expenses of this will be charged to the hospital 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 takes the necessary measurements from the cabinet itself before finalising position.

### Dimensions:

A: 30 mm

B: 555 mm

C: 80 mm

Cabinet back plate

D: 456 mm

E: 130 mm

F: 260 mm

G: 50 mm

### Gas pipe outlets:

F: Standard position exiting through cabinet base

G: Optional position exiting through cabinet side wall (exits on side walls must be requested at the time of ordering.

# Smiths

## Process timers

Model NS 22G Seconds Timer

### **Instructions for use**

1. Press the red button (stop).
2. Ensure that the time is fully wound by using the key provided for this purpose at the back of the case.
3. Bring both hands to the 60 position by pressing the black button (zero - fly back).
4. The timer is now ready for use.
5. To start the timer press the green button; to stop the timer press the red button; for zero fly back press the black button.
6. It is recommended that the zero - fly back button (black) should only be pressed if the red button (stop) is pressed beforehand. When the green button (start) is pressed, the zero - fly back button (black) should not be used.
7. Special "Stop and Go-on" feature: the timer can be stopped and restarted at any reading to give a cumulative timing. The timer should be fully wound once each day.

### **Disconnecting the arm**

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

### **Connecting the Arm**

Reverse the instructions above

### **Mounting Instructions and drilling template for wall bracket**

- 1) Remove Housing
- 2) Unlock cover and remove
- 3) Remove cap

Mark position of plugs in vertical line using crosses A & B on the card supplied.

The plugs supplied should be cemented in and allowed to set.

- 4) If the wall is uneven slide the distance plate between the wall and the bracket and screw tight.

## **Service Contracts Resuscitation Unit**

### **Instruments returned to Viamed:**

All instruments should be returned to Viamed in good working order  
Units not in good working order may incur extra charges

### **Instruments serviced on site:**

All units to be serviced should be available and in good working order for the engineer  
Units not in good working order may incur extra charges

### **Travel**

Travel will be charged at the current rate per hour.

### **Tom Thumb**

Check the unit mechanically  
Complete a full function test  
Complete a full calibration test and make adjustments if found necessary  
Incorporate any upgrades found suitable  
Any minor parts used will be included in the price  
"O" rings will be replaced when necessary or every 2 years  
Any minor parts will be included in the price

### **Radiant warmer Ceratherm 600-**

Check the unit mechanically  
Check the electrical specification  
Complete a full functional check  
Complete a full specification test  
Complete a safety check to BS5754 and provide certification  
Incorporate any upgrades found suitable

### **Cabinet and accessories**

Check all parts mechanically  
Check specifications where necessary

### **Clock**

Requires no service

### **Suction Unit**

Check the unit mechanically  
Check the electrical specification  
Complete a full functional check  
Complete a full specification test  
Complete a safety check to BS5754 and provide certification  
Incorporate any upgrades found suitable

Multiple units which are all available on one visit are subject to a discount on the service price:

5 or more units 10%  
10 or more units 25%



# Warranty

All parts of this resuscitation cabinet are hereby guaranteed for a period of 12 months from the date of purchase. The best materials and workmanship have been employed throughout every stage of manufacture and every part is thoroughly tested before despatch. This warranty covers any defect in material and manufacture but excludes damage caused by accident, misuse or neglect. Should any component develop a defect within this period it will be repaired or replaced at our option.

In the event of a complaint regarding this product purchased outside the UK please contact your local distributor

**The service under this guarantee does not affect your statutory rights against your supplier if any component is faulty.**



# VIAMED



## SPECIFICATION SHEET

### TC400R

#### Wall Mounted Overhead Heater With Resuscitation Cabinet

**Overhead Heater** is our standard TC400/W Heater unit mounted onto a wall plate approximately 300mm square. It can swivel in either direction to lie against the wall when not in use. In use it is locked with a pin in a position 90 degrees to the wall. The Size of the Heater unit is 850mm from the wall 100mm x 100mm. Output is manually adjustable to 400 watts,

The wall plate is fixed by 6 screws or wall bolts. The weight of the heater (7.6Kg) is evenly distributed along the heater unit. The height of the heater should be a minimum of 660mm above the bed. Although it is preferable to have it higher to avoid conflict with the user's head. A height of more than 760mm will start to substantially reduce the heat at the bed surface. The maximum output generates a temperature of approximately 10 degrees above ambient in the vicinity of the cot/mattress. This will be affected by ambient conditions. The TC400/W can be used with standard mobile cots.

**Resuscitation Cabinet** is of metal construction, fixed to the wall with 4 screws or wall bolts. Size 620mm x 280mm x 665mm. Weight 16Kg.

The inner rear wall has fixed to it a rack to hold plastic bins for disposables etc. A small open shelf at the top is designed to accommodate the clock, suction, and resuscitation block.

The bed is white acrylic with retainers on both sides and a removable mattress. Size 250mm x 500mm. The door which doubles as a level working surface is a composite material to which the bed and hinges are screwed. This material has no cracks or joins so is easily cleaned. The mattress is removable.

Time Elapsed Clock is rail mounted on a hinge to facilitate quick access for winding. It is the standard three button operation, Start, Stop and Reset.

Tom Thumb Resuscitation Block is manufactured in metal, is a modular system and designed to have a long life with low service costs.

Low Suction Controller which accepts disposable jars is available if required.

Standard Hospital Inspection Lamps can be fitted to the exterior of the cabinet or to the wall.





# VIAMED



## SPECIFICATION SHEET

### TC400R

#### Wall Mounted Overhead Heater With Resuscitation Cabinet

Description: Wall Mounted Overhead Heater

Part Number: TC400/W

Dimensions: Heater Unit 850mm L x 100mm W x 100mm D

Wall Mount 300mm.sq.Approx. (6 fixing points)

Weight: Heater Unit 7.6Kgs

Wall Mount 3.5Kgs

Output: 400 Watts Maximum (variable control)

Temperature: Variable. Dependent upon output and Patient to Heater distance

400Watts at 720mm creates approximately 10 Degrees above ambient

**\*IMPORTANT\*** Minimum distance from Heater to Patient should not be less than 720mm

Power Supply: 240V, 50Hz (mains)

Mode Of Operation: Continuous

Fuse Type/Rating: 20mm x 5mm cartridge. 2 Amp antisurge (T)

Heater Element: Tubalox element Incolax sheathed

Protection against electric shock:: Class 1 Type B

DESIGNED TO COMPLY WITH BS5724; PART 1

Description: Wall Mounted Resuscitation Cabinet

Part Number: TC400R

Dimensions: Resuscitation Cabinet 665mmL x 620mmW x 280mmD

Mattress Area 500mmL x 250mmW.

Weight: 16Kgs



Part number	Description	Parts required for TC400/R	Parts required for TC400/RS
A521-60022	Wall mounted Radiant Heater	1	1
BA/10	Resuscitation Cabinet	1	1
FE101-431	M2.5 pan head bolt(box 100) for PP8650	0.02	1
FE101-447	M4 Nut(box 100) for PP8560	0.02	1
FE143-059	No 6 self tapping screws(box100) for bed	0.06	1
FE149-690	M5 Washers(box 100) for PP8652	0.04	1
FE758-693	M4 bolt(box 100) for PP8652	0.01	1
INT-6181	Patient circuit (one patient use)	1	1
PP8650	Resuscitation Bed 12"	1	1
PP8651	Angle bracket for timer	1	1
PP8652	Brass spacers for Suction controller	2	
PP8653	Aluminium plate for suction controller	1	
RD0172	Suction Mounting Bracket(special)	1	
S6666	Suction hose assembly(3metres)	1	
S714916	Low suction controller	1	
TC453	Mattress for BA/10	1	1
TC460	Time elapsed clock	1	1
TC472	Size 3 box (10 pk)	0.3	0.3
THE2003	Universal rail clamp with 'V'	1	1
THE2050	Universal clamp with vertical holes	1	1
THE4302	Suction clear tubing(30M)	0.03	
THE4505	Dovetail (male)	1	1
THE4508	1/2 litre jar and cage with clamp	1	
TT490	Tom Thumb W/Flowmeter	1	1

# **TC400/R Resuscitation Cabinet**

## **Tender Information**

### *Directors and advisers :*

Directors  
J S Lamb Secretary  
Mrs G G Lamb   Mrs G G Lamb

Registered office  
1 5 Station Road  
Cross Hills  
Keighley  
West Yorkshire  
BD20 7DT  
Company number  
1291765

Bankers  
Barclays Bank PLC  
High Street  
Skipton  
North Yorkshire  
BD23 1DH

Auditors  
Robertshaw & Myers  
1 8 Cooke Street  
Keighley  
West Yorkshire  
BD21 3NP

### *Trade Referees:*

Teledyne Electronic Technologies  
Analytical Instruments  
An Allegheny Teledyne Company  
16830 Chestnut Street  
City of Industry,  
California  
91749-1580  
USA  
Tel 001 818 934 1500  
Fax 001 818 934 1651  
[www.teledyne-ai.com](http://www.teledyne-ai.com)

Appleyards & Sons Engineering  
Mechanical Engineers & Medical Products  
29 Batter Lane  
Rawdon  
Leeds  
LS19 6EU  
Tel 0113 2502917  
Fax 0113 250 2917

### *Two reference sites of users :*

Sister in Charge  
Neonatal Unit  
Royal Victoria Infirmary  
Newcastle Upon Tyne  
Tel 0191 232 5131

Sister in Charge  
Neonatal Unit  
Stepping Hill Hospital  
Stockport  
Tel 0161 483 1010