

Introduction to Radiant Warmers Training

What are Radiant Warmers?

A Radiant Warmer, is a body warming device to provide heat to the body. This device helps to maintain the body temperature of infants, young children and adults and preheat care surfaces.

Why are radiant warmers required?

Radiant warmers are used to maintain the body temperature of newborn infants. This is best done so that the energy expended for metabolic heat production is minimized.

Heat has a tendency to flow in the heat gradient direction that is from high temperature to low temperature. The heat loss in some newborn babies is rapid; hence body warmers provide an artificial support to keep the body temperature constant. In certain areas with very cold climate, babies are kept on Radiant Warmer for couple of hours immediately after birth to ensure the baby is stabilized after birth. ¹

What radiant warmers do Viamed supply?

Currently Viamed supply the Ceratherm 600-3 Radiant Warmers. Prior to this we supplied the previous model Ceratherm 600-2. These are purchased from Ewimed (previously known as Nufer Medical).

The Ceratherm 600-3 comes in a number of configurations for different mounting options. These mounting options are also available to purchase separately to allow customers to customise their set up even after first purchase of the unit.

Application/Intended Use

Although the Radiant Warmers which we supply can be used on all ages, we have previously focused on the use of these units with newborns/paediatrics. Specifically for use in delivery suites, special care baby units, clinics, paediatric wards but can also be used in A&E and operating theatres.

Benefits of the Ceratherm 600-3

- *Microprocessor-controlled heating output regulation and alarm monitoring.*
A reminder alarm is triggered every 15 minutes. If this is not cancelled within 8 seconds, the control system automatically returns to the safety level of 20%. The device also has a power failure alarm, which supports it for more than 15 minutes.
- *Programmable heating output of 0 - 98 % over 4 heating levels*
(20 / 50 / 75 and 98 %)
- *Ceramic heating element with rapid warm-up time and high level of efficiency.*

¹<https://www.pediatriconcall.com/medical-equipment/incubators/4/radiant-heat-warmer--intensive-care-warmer/21>

- *LED lighting for anti-glare and true-colour lighting of the work space.*
Colour temperature of 4000°K guarantees natural lighting and allows nursing staff to better assess the patient's condition.

Radiant Warmers only or with Mounting Options

- **Part Number: 0310300**
Ceratherm 600-3 Radiant Warmer
without mounting bracket.

For use with either: 0310311,
0310312, 0310313, 0310314,
0310315



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- **Part Number: 0310301**
Ceratherm 600-3 Radiant Warmer
with fixed wall mounting bracket.



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- **Part Number: 0310302**
Ceratherm 600-3 Radiant Warmer
with double hinged arm and wall
mounting bracket.



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- **Part Number: 0310303**
Ceratherm 600-3 Radiant Warmer
with double jointed arm and ceiling
anchorage, with height adjustment
(spring loaded arm).



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- **Part Number: 0310304**
Ceratherm 600-3 Radiant Warmer
on mobile floor stand, with height
adjustment.



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- **Part Number: 0310305**
Ceratherm 600-3 Radiant Warmer with double jointed arm and wall mounting bracket, with height adjustment (spring balanced arm).



Radiant Warmers Mounting Options only

- **Part Number: 0310311**
Ceratherm 600-3 Fixed wall mounting bracket, for use with 0310300.

NOTE: This is the mounting bracket that is supplied as part of 0310301.



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- **Part Number: 0310312**
Ceratherm 600-3 Double jointed arm and wall mounting bracket, for use with 0310300.

NOTE: This is the mounting bracket that is supplied as part of 0310302.



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- **Part Number: 0310313**
Ceratherm 600-3 Double jointed arm and ceiling anchorage, with height adjustment (spring loaded arm) for use with 0310300.

NOTE: This is the mounting bracket that is supplied as part of 0310303.



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- **Part Number: 0310314**
Ceratherm 600-3 Mobile Floor Stand with height adjustment, for use with 0310300.

NOTE: This is the stand that is supplied as part of 0310304.



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- **Part Number: 0310315**
Ceratherm 600-3 Double jointed arm and wall mounting bracket, with height adjustment (spring balance arm). For use with 0310300.

NOTE: This is the mounting bracket that is supplied as part of 0310305.



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- **Part Number: 0310316**
Mounting plate for wall bracket (300 x 300 x 10mm).

Optional accessory for use with lightweight wall construction.

For use with: 0310312 or 0310315



What replacement spare parts do we supply?

As well as the mounting options which are available to be purchased separately, a comprehensive list of spare parts can be found in the document index, current document number 175043 named "GBP Price List - Nufer Ceratherm 600-3 Radiant Warmer Spare Parts". I have requested that this is also linked to the main part numbers so it can be found easily.

Installation

Viamed do not offer installation of these devices. The department should have access to a maintenance team who can assist with this. Full information on installation can be found in the Instruction manual.

Servicing

Due to the recent discontinuation of on-site servicing, and as the majority of the Radiant Warmers are fixed installation devices, we are not able to offer Viamed servicing on these products.

We are able to supply copies of the Instruction and Service Manuals, which can be found against the stock page in the “i” icon.

Certifications

Should you require to find information on what certifications a product has please see the stock screen, “i” icon and find the “Certificates” option. Click this and it will open the document index and all related certificates for that line.

Marketing Materials

Up to date copies of marketing materials such as leaflets, manuals and price lists (or in the £ screen) can be found on the stock pages under the “i” icon.