



 GORDON

FLASH DRYING TOWEL WARMER



# INSPIRATION

The underlying principle is – we want to be proud of what we design, make and sell. For our radiator products that means of course that we want you to look at Eskimo ranges and be blown away by their gorgeous simple elegant lines. But it has to be so much more than that. We want your installer (or you if you're a handy sort) to find the job straightforward and well explained. We want you to be warmed by it throughout the coldest of winters, and smile at it in the summer sunshine. We want you to forget about it when you go on holiday, then fondly remember you own it when you come home. Most of all we would like to think that when you sell your house and move on, whoever moves in will feel the same about the radiators they inherit. For that, we believe, is the measure of good product design. It's not fashion (and we're not knocking fashion), it's not art, but it is something that can be appreciated by anybody at any time, because it quite simply works, aesthetically and practically.

# GORDON

FLASH DRYING TOWEL WARMER

Designed to warm and flash dry towels. Challenging the conventional horizontal towel rail. Horizontal, folded towels, do not dry effectively. Gordon's design embraces the way that most of us already hang or dry our towels. Plus it's space saving, so great for smaller bathrooms and shower rooms.

This vertical towel rail offers low power consumption, so you can leave it on all year round. On test, Eskimo's innovative design dries towels in a third of the time compared to horizontal towel rails, used in the conventional way. Gordon is also made from Aluminium. So couple that with low running costs and you've got a power efficient product that is 100% recyclable. Aluminium has high thermal conductivity and a low thermal mass too. So this gives a very rapid warm up time. Your Gordon towel rail will reach operating temperature in 1/3rd of the time of a standard towel rail. Gordon - flash drying towel warmer.

*DRIES TOWELS IN A THIRD  
OF THE TIME COMPARED  
TO LADDER RAILS*



# GORDON

## FAQ

Below you will find a collection of questions and answers about the Gordon Heated Towel Warmer. If you still can't find the answer you're looking for give us a call or drop up an email. [hello@eskimoheat.com.au](mailto:hello@eskimoheat.com.au) or 03 7018 1540.

### DOES GORDON NEED TO BE HARDWIRED TO A TIMER SWITCH?

When your electrician installs Gordon, your electrician can either wire the unit to be controlled by a standard on/off switch or a timer switch. Many of our customers find the more efficient way to control Gordon is to have a timer that comes on 2 or 3 hours before using the towels (to ensure they are lovely and warm) and timed to go off 2 or 3 hours after using the towels (to ensure they are completely dry).

### WILL GORDON HEAT MY BATHROOM?

Gordon's primary function is to warm and dry your towels very quickly and efficiently. The unit will give add some additional heat output, however, we don't suggest you rely on it as a main heat source.

### DOES GORDON DRY ALL FOUR TOWELS AT ONCE EFFECTIVELY?

Yes, Gordon will! each of the 4 fins are designed to hold one towel each, so the unit will warm and dry up to 4 towels very efficiently and effectively.

### HOW IS GORDON CONTROLLED/TURNED ON AND OFF?

When your electrician installs Gordon, they will need to wire the towel warmer back to a control switch. The switch can be a simple standard on/off switch on the wall, or the most efficient method of control is a timer switch.

### WHAT COLOUR OPTIONS ARE THERE FOR GORDON?

Choose from 4 colour options White, Black, Dark Grey or Sandstone. All finishes are a textured powder coat to ensure a non-slip finish.

White: RAL 9016

Black: RAL 9005

Dark Grey: RAL 7016

Sandcastle: Textured feature finish



### Temperature

Designed to operate at a constant Low Surface Temperature standard of 43°C ensures complete safety. The temperature will rise slightly when covered to minimise drying time and maximise efficiency.

### Airflow

This was the clever part... How do you promote the convection currents that will provide a constant flow of warm dry air over the towel. This is where our two decades of experience designing high performance radiators combined with state of the art modelling techniques come in. It's essentially all in the form.

### Humidity

This is where the traditional ladder rail design breaks down completely. Not only does it not provide adequate airflow, but due to the horizontal nature of the towel hanging it also traps a pocket of damp air underneath the towel that, once it has become saturated with moisture, cannot absorb any more and so prevents the towel from drying further in that area. Gordon towel radiator's use of long vertical fins provides free air galleries that constantly exhaust the humid air, replacing it with dry air from underneath the towel warmer.



# ENERGY EFFICIENT

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Next there's the physics. Using only natural convection the speed with which a towel will dry is a function of temperature, airflow and humidity.

## Temperature

The maximum operating temperature has a limit imposed by what is safe and comfortable in a room where the user tends to be wearing little or nothing. The British and European Standards weren't much use here as they allow a maximum surface temperature of 95°C – genuinely dangerous in our opinion and worth noting that many products on the market operate towards this limit. In order to keep things safe we adopted the Low Surface Temperature standard used in public buildings such as hospitals of max 43°C for an electric towel warmer without a towel on. Once you cover it with a towel this can be allowed to rise a bit because it's much safer for the user in this state. We set ourselves a limit here of 56°C – still much lower than most radiator temperatures of c.60-80°C.



# ON TEST

## Test program 1

Consisted of fitting the ladder rail with its recommended heating element of 350w. Gordon's heating element was only 200w. The results showed that to reach atmospheric humidity level, at which point the towels were considered dry, Gordon required 84 minutes whilst the ladder rail required an additional 27 minutes. Because of the higher power consumption of the ladder rail this means that Gordon requires only 43% of the energy needed to dry the towel effectively. Over the course of a year running a Gordon instead of the less effective ladder rail could save you approximately \$215 at current energy prices.

## Test program 2

Consisted of fitting the ladder rail with a heating element of 200w, this time designed to match the energy consumption of Gordon. Under this condition the ladder rail took nearly 3 times as long to dry the towel to the same level. The results show that Gordon, despite taking up less than half the space of the ladder rail and looking 72.4 times better\* was more than twice as effective at drying towels and should make substantial energy savings over its lifetime. Good for the customer, good for the environment and good for your towels. Good on you Gordon.

# ELEGANT STYLING

- Designed, engineered and made in UK to exacting standards
- Aluminium construction ensures rapid heat up time – 100% recyclable
- Dimensions: 1000mm(Height) x 208mm (Width) x 111mm (depth)
- Low energy consumption, efficient with maximum heat output
- Technically innovative flash drying technology
- Simple construction – not liquid filled like a normal towel rail- no leaks, no corrosion
- Holds up to 4 towels
- Completely safe to touch
- 4 Colour choices: White, Black, Dark Grey & Sandstone
- Non slip powder coated textured finish.
- IP 44 Rated
- 3 year manufacturer's warranty
- RCM, Electrical safety AS/NZS 60334.2.43:2005
- Hardwired by electrician 240V AC



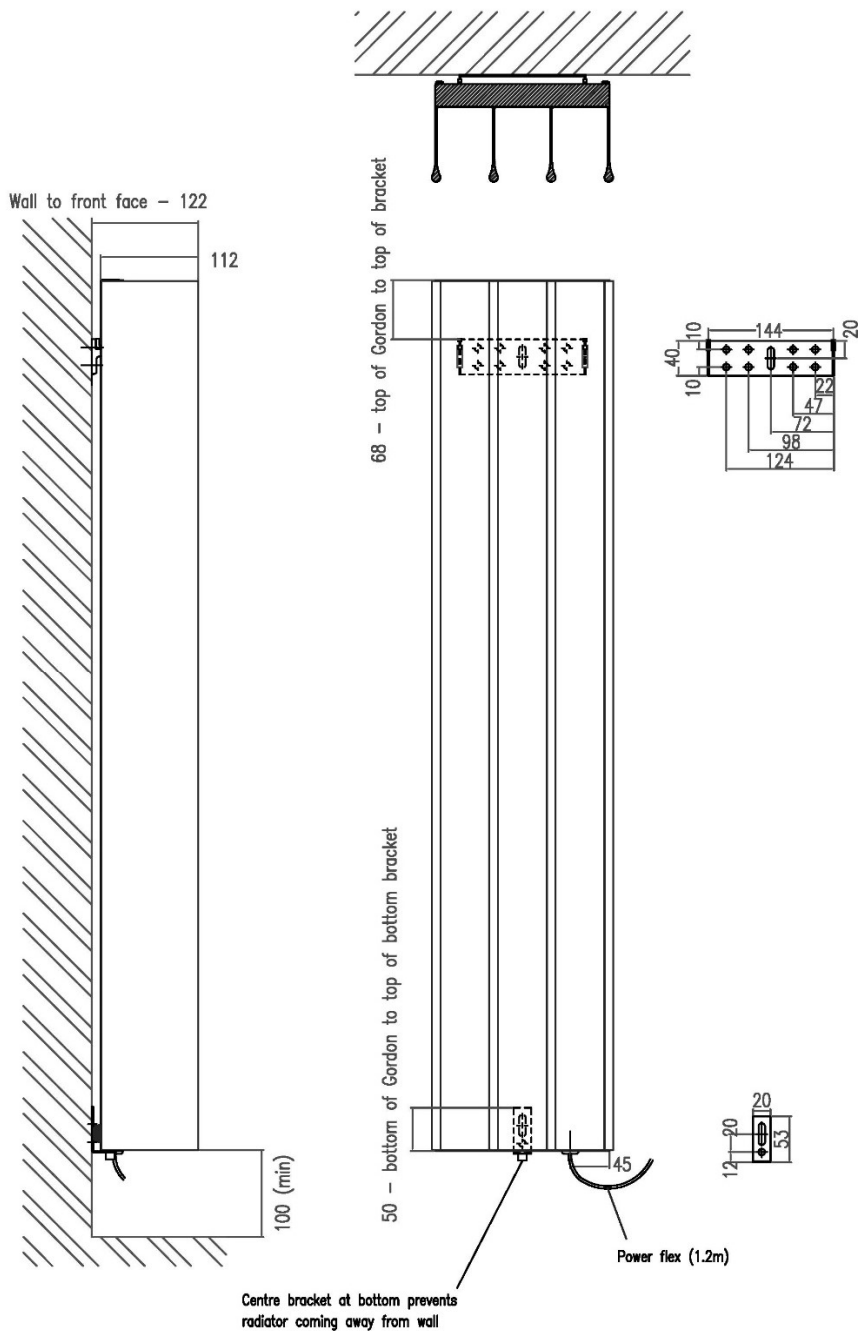


**Gordon Towel Warmer installation & operating instructions**

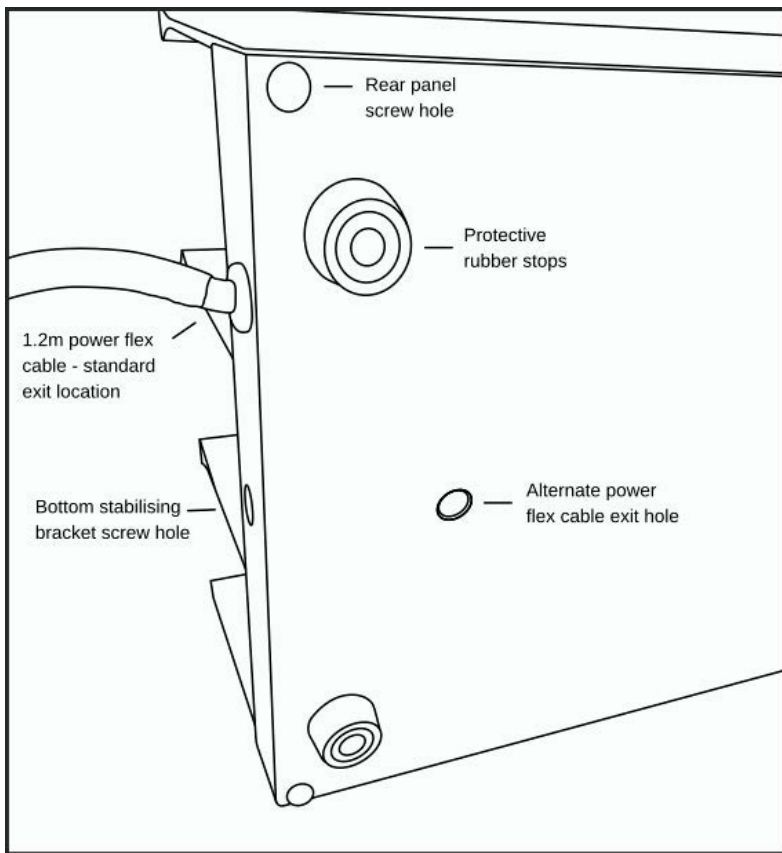
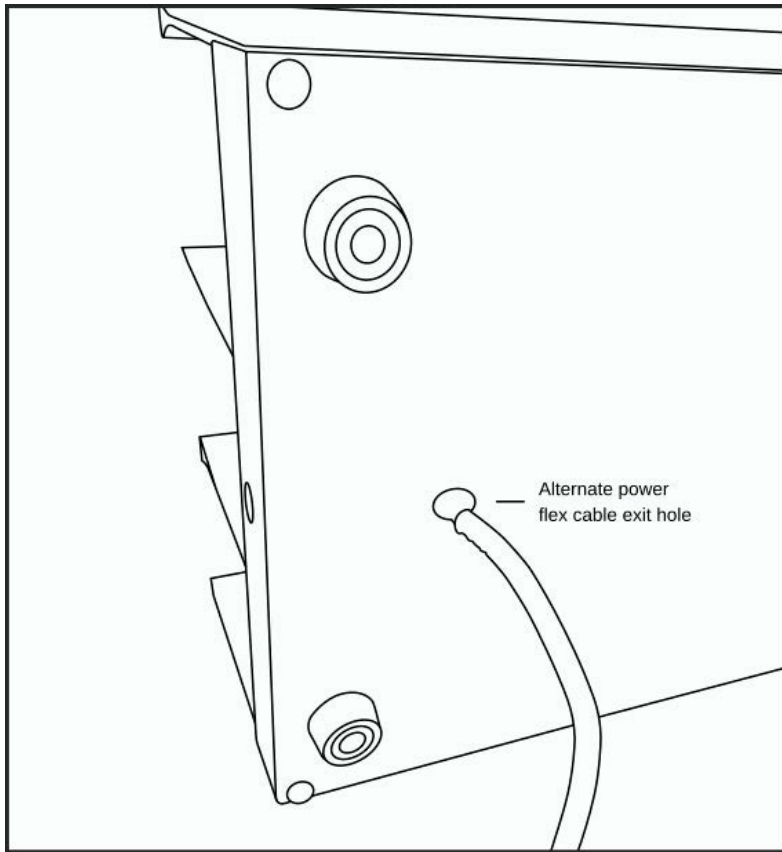


**Package Contents/Parts Identification**

Component	Qty
<b>A</b> Gordon Towel Warmer	1
<b>B</b> Main wall mounting bracket	1
<b>C</b> Centre bottom bracket	1
<b>D</b> Screws	6
<b>E</b> Wall Plugs	6
<b>F</b> M6 x 12mm capscrew	1







**Operating Instructions for safe use:**

**CAUTION:** This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge provided they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

Children of less than 3 years should be kept away unless continuously supervised. Children aged from 3 years and less than 8 years shall only switch on/off the appliance if it has been placed or installed in its intended normal operating position and they have been given supervision or instruction concerning the use of the appliance in a safe way and understand the hazards involved. Children aged from 3 years and less than 8 years shall not regulate and clean the appliance or perform user maintenance.

**CAUTION:** Some parts of this product can become hot and cause burns. Particular attention has to be given where children and vulnerable people are present.

Precautions should be taken to ensure that prolonged contact with the towel rail cannot occur. Particular care should be taken in confined areas where accidental prolonged contact with the rail could be more likely to occur.

This appliance should only be used to dry fabrics washed in water using commonly available detergents.

**IMPORTANT: A means for disconnection must be incorporated in the fixed wiring in accordance with the wiring rules.**

The supply cord cannot be replaced. If the cord is damaged the appliance should be scrapped.

**IMPORTANT:** If the towel rail is to be installed in a place used by the public, a warning notice should be placed adjacent to the rail advising that the surface can be hot.

**WARNING** - In order to avoid a hazard for very young children, this appliance should be installed so that the lowest heated rail is at least 600mm above the floor.

## Installation Instructions

### Tools required

Tape measure

Spirit Level

Electric Drill

7mm Masonry drill bit to suit wall plug or screw size (Eskimo brackets will take screws up to 7mm in diameter)

Screwdriver or electric driver with PZ2 driver bit

**\*\*This Product must be installed by a suitably qualified competent person as defined by the relevant standards in the country of installation. This is a fixed appliance\*\***

### General

The towel rail is designed to provide year-round service for airing towels and articles of clothing. It is not intended to provide a sole heating service but will take the chill off a small size bathroom, lavatory or en suite.

No routine maintenance is necessary apart from occasional cleaning.

The unit is splashproof to IP44 standard.

### Electrical

#### **WARNING - This appliance must be earthed**

The electrical installation of this towel rail must be carried out by a competent electrician in accordance with the current I.E.E Regulations for Electrical Equipment. The towel rail is suitable for use on an A.C.~ electrical supply. Before installation check that the supply voltage corresponds with that marked on the rail.

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

**BLUE - NEUTRAL**

**BROWN - LIVE**

**GREEN/ YELLOW - EARTH**

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 which is coloured GREEN and YELLOW must be connected to the terminal in the plug which is marked with the letter E or by the earth symbol or coloured green or green and yellow.

The wire which is coloured BLUE must be connected to the terminal which is marked with the letter N or coloured black.

The wire which is coloured BROWN must be connected to the terminal which is marked with the letter L or coloured red.

This appliance must only be used on A.C. mains supply of 220/240 Volts~.

### Wall Mounting

- 1.** Before starting work, ensure working area is free of obstructions and objects that could cause harm to you the radiator or the electrical power chord. Unpack Gordon carefully. If laying Gordon onto the floor place it with the back face to the floor, unless you can ensure that there is nothing underneath that could cause damage.
- 2.** Mark the position of the top of Gordon on the wall, then locate the main wall mounting bracket.
- 3.** The main wall bracket is mounted 68mm below the top of Gordon (see drawing) hold it in position and mark through the centre of the slotted bracket hole.
- 4.** Using a 7mm masonry bit drill a hole in the wall to a suitable depth. Fit a wall plug into this hole. Now fix the main wall bracket through the central slotted hole using one of the screws provided. Do not fully tighten.
- 5.** Adjust the main bracket for height and ensure it is level using a spirit level.
- 6.** Using at least two of the hole positions on the bracket drill and fix the bracket firmly to the wall using the wall plugs and screws provided (we provide 8 holes to allow for a variety of fixing positions).
- 7.** Now locate the centre bottom bracket, position this as shown on the drawing and fix the bracket firmly to the wall using the wall plugs and screws provided. The slotted hole can be used for initial adjustment prior to fixing through the remaining hole.
- 8.** N.B. Bracket fixing positions are shown on the drawing above that will allow for pre-drilling of the holes if the product is not yet on site. Accurately mark out hole positions on the wall using a spirit level and tape measure.
- 9.** Hang Gordon onto the main bracket ensuring it is fully engaged on the plastic spacers.

- 10.** Using a the 5mm allen key provided fix the centre bottom bracket to the radiator using the 6mm capscrew provided – this bracket is there to lock Gordon onto the wall and prevent it from being removed or knocked off the top bracket.
- 11.** Wire radiator into a fused spur providing a means of isolation in accordance with current ISO/AUS/NZ standards and IEE regulations.
- 12.** If installation problems arise, please refer to the Eskimo website for more detailed information. If problems persist, please contact the Eskimo technical department – the number is shown at the top of this page.
- 13.** See Eskimo website for cleaning advice dependent upon the finish chosen. ***Abrasive cleaners should never be used on Eskimo products.***

### **Drying and airing towels**

Good airflow, which allows the replacement of humidified with fresh air is essential for efficient drying, so Gordon functions best when no more than two layers of towels or similar fabric are draped over each fin of the Gordon, and air is allowed to vent from the area between the fins. Items should be placed evenly over the whole surface of the fins where possible.

It is not advisable to leave very damp towels or clothes on the towel rail when not in use, as this may in time, affect the paint finish.

Gordon, although warm to the touch is not hot enough to scorch or burn fabrics. However, soap and detergents remaining in articles after washing can cause discoloration. Therefore, care should be taken to thoroughly rinse articles before airing.

### **Operation (Electrical)**

Heat will be distributed along each of the fins.

Some variation in the temperature across the surface of the rail is normal. When the appliance is covered the temperature, particularly at the upper part of the fins will rise.

The towel warmer may be switched on and off at the isolating wall switch. A timer can also be utilised to improve energy efficiency. The specification and installation of switches and any additional controls are the responsibility of the installer and must be installed in accordance with current electrical installation regulations.

### **Maintenance**

There are no user serviceable parts on the towel rail.

### **Cleaning**

The powder coated finish on your towel rail can be maintained by occasionally wiping over with a damp cloth and lightly finishing with a soft dry cloth. This should only be carried out when the rail is cold. **Do not** use abrasive cleaning powders as this could damage the surface finish. Avoid harsh chemical cleaners and do not use solvents or petroleum-based cleaning products – these can damage the coating of the Gordon and therefore reduce its service life. Essential oils, especially those containing eucalyptus, may harm the powder coated surface – it is recommended that these are kept away from your Gordon.

### **Recycling**

For electrical products sold within the European Community.

At the end of the electrical products useful life it should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice in your country.

DECLARATION OF PERFORMANCE  
No. 006CPR 2016-10-25



Gordon towel warmer for drying and warming of towels.  
Type Nos: GOR10-A to GOR10-Z  
For towel warming in domestic and commercial premises.

Designed & manufactured by:  
Eskimo Products Ltd  
Unit 7  
Ace Business Park  
Mackadown Lane  
Birmingham  
B33 0LD

Independently Tested by:  
Eurofins GMBH  
Storkower Str 38C  
15226 Reichenwalde  
Germany  
Test Report No:  
GOM-2101-9596-SOH043-V01

Essential characteristics	Performance	Harmonised technical specification(s)
4.1 Reaction to fire class	Class A1	<ul style="list-style-type: none"> <li>• BS EN 60335-1:2012+A15:2021</li> <li>• BS EN IEC 60335-2-43:2020+A11:2020</li> <li>• IEC 62233:2008</li> <li>• AS/NZS 60335.1:2011 + A1:2012 + A2:2014 + A3:2015 + A4:2017 + A5:2019</li> <li>• AS/NZS 60335-2-43:2018</li> </ul>
4.2 Release of dangerous substances (pre-treatment and paint)	The materials in this product do not contain or release any dangerous substances in excess of the maximum levels specified in existing European material standards or any national regulations	
4.3 Pressure tightness – test pressure	NA	
Maximum operating pressure	NA	
4.4 Rated thermal output and thermal output in different operating conditions	Dependent upon specific part number supplied, the thermal output is certified as being in accordance with the official Eskimo Products Ltd. published data	
4.5 Durability (resistance to corrosion of the pre-treatment and paint)	Pass	
Durability (corrosion resistance of wetted parts)	NA	
Durability – fatigue resistance – pressure cycling according to Eskimo Products Ltd standard 3.1	NA	
Durability – fatigue resistance – thermal cycling according to Eskimo Products Ltd standard 3.2	Type > 5475 cycles from 10°C to 90°C Pass	
Maximum operating temperature	95°C	
Power Rating	200w	
Voltage	220-240v	
IP rating of electrical enclosures	IP44 – recommended for Zone 2 and above bathroom use	

The performance of the product identified above is in conformity with the declared performance.

The declaration of performance is issued under the sole responsibility of the manufacturer identified above.  
Signed for and on behalf of Eskimo Products Ltd:

Managing Director  
Birmingham, UK, January 26th, 2022



# CONTACT US

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