NATURAL 12 Bar 650mm STR-PTS 230V

POLISHED GRADE 304 Stainless Steel

Controller Features - PTSelect Switch:

• Temperature Adjustment • ON / OFF Switch • RED LED Indicator



Controller Technical Specifications:

Controller: PTSelect Switch INPUT Voltage Range: 190VAC~250VAC Operating Frequency: 50 Hz ±2% Load Capability: 0.18A~4A Load Control Range: 40~100% Standby Current: 3.0mA

HTR Technical Specifications:

Model: NAT12231-PTS-POLS

Size: 674mm (width) x 1235mm (height) Power: 180 Watts Current: 0.78 Amps Volts: 230 VAC IP Rating: IPX5

Suggested Height of Electrical Outlet = 750mm (this is only an indication as every installation is different)

NOTES:

*EO Denotes DUAL ENTRY Electrical Outlet connection *PTS Denotes location of PTSelect Switch

Dimensions given are in mm. Bathroom Butler® reserves the right to alter and/or remove designs from time to time without prior notice. This drawing is to be used for reference purposes only. E &O.E. This product may not be available in your specific country, please check local website for availability. **Copyright Bathroom Butler® 2016**







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ENGLISH

Thank you for purchasing this BATHROOM BUTLER[®] product.

Please read these instructions carefully before installing this product.

Assembly Instructions, Mounting Instructions and User Instructions Document Version **HTR-VSA01-3.2**

FOR USE WITH THE FOLLOWING PRODUCTS: (**NATURAL** 4, 5, 6, 7, 8, 12, 15 Bar and **LOFT** 4, 6, 7, 9 Bar and **EDGE** 10 Bar) *Mounting parts supplied suitable for installation to masonry wall.

PRODUCT GUARANTEE

Please see separate product guarantee card supplied with your HTR for guarantee terms and conditions or visit www.bathroombutler.com.

WARNING (States a hazard which may pose serious injury or death if exact installation instructions are not followed)

- 1. DO NOT install the heated towel rail (HTR) in the immediate vicinity of a water outlet, such as a tap or shower.
- 2. DO NOT attempt to disassemble the HTR, as the warranty will be void if disassembled.
- 3. DO NOT damage or tamper with the power cable. If the power cable is damaged please return to place of purchase.
- 4. DO NOT use the HTR as a ladder, hang or climb on it, to be used for intended purpose only.
- 5. The electrical connection must be connected by a registered electrician/wireman in accordance to the relevant wiring codes.
- 6. This is a heating device and should be treated as such, and thus precautions should always be followed to reduce the risk of fire, electrical shock and injury to persons, including but not limited to the following:
 - 6.1. Use the HTR as described in this manual only, any other use not recommended by the manufacturer may cause fire, electric shock or personal injury.
 - 6.2. Use the HTR for drying towels and adding some warmth to towels.
 - 6.3. Due to high temperature and the risk of fire, keep electrical cords, drapery, furnishing and other combustibles at least 900mm / 3 ft / 36 inches clear from the front of the HTR.
- 7. The PTSelect Switch and TDC Timer are NOT electrical isolators.
- 8. To provide continued protection against risk of electric shock, this product must be EARTHED and connected to an EARTH LEAKAGE protected circuit.
- 9. Before attempting any maintenance of the HTR ensure that the power is disconnected (switched off) at the point of isolation.
- 10. Check product rating label voltage and make sure correct voltage is supplied at electrical point.

CAUTION (States a hazard which may pose minor injury and/or product damage if installation instructions are not followed)

- 1. HOT Surfaces, avoid contact with bare skin.
- 2. The heated towel rail (HTR) is intended for indoor use only.
- 3. The temperature of the individual rails of the HTR will increase when covered, AVOID touching the covered rails as the increase in rail temperature may cause a minor contact burn.
- 4. Discoloration of certain bath towels may occur due to fabric make up, detergent residue or excessive amount of towels placed on HTR. Reduce the temperature accordingly using the PTSelect Switch or TDC Timer (whichever is applicable).
- 5. Piling multiple towels on top of each other increases the risk of towel discoloration due to heat.
- 6. DO NOT place this appliance inside a shower, sauna, steam room or wherever the product would be exposed to direct constant water jets.
- 7. DO NOT clean while the HTR is hot.
- 8. DO NOT clean with an abrasive or acid based cleaning material (such as a tile grout remover/cleaner). Use only a soft, damp cloth.
- 9. The wall fasteners provided with the installation kit are for convenience purpose only, and are not suitable for all types of installations. It is the ultimate responsibility of the installer to ensure that the appliance is mounted securely.
- 10. This HTR is not intended for use by children or other persons without assistance or supervision if their physical, sensory or mental capabilities prevent them from using it safely. Children should be supervised to ensure that they do not play with the HTR and hurt themselves in any way.
- 11. If the HTR is not in use for an extended period of time, it is recommended to disconnect (switch off) the power at the point of isolation.
- 12. When handling the HTR during installation be careful not to scratch, damage or dent any surfaces as this is not covered by the warranty.

NOTE

The products featured in the diagrams have been used for graphical representation only. Actual products may vary in relation to the diagrams. Due to the fact that Bathroom Butler is always actively researching new methods and/or materials with a view to further improving its products, you may notice some differences between the parts you received and the assembly method described herein. Please understand that this instruction leaflet is intended as a guide only.

1. Mounting Parts Supplied



2. Assembly - DUAL ENTRY Connection

LEFT HAND **RIGHT HAND** Electrical Connection Assembled **Electrical Connection Assembled** Mounting B Controller Controller Mounting A Mounting B Mounting A $^{ar{}}$ Mounting C \angle Mounting C Mounting C -Mounting C 2a. Assembly: Fit MOUNTING A Example = LEFT HAND

2b. Assembly: Fit MOUNTING B



2c. Assembly: Fit MOUNTING C





3b. Mounting: Use Mounting Template



FOR RIGHT HAND Mounting:

- 1. Cut out Electrical Outlet hole.
- 2. Choose mounting points, using a sharp pencil, make holes at the chosen points.
- 3. Turn template over so that the Electrical Outlet hole is on the right-hand side. Place template on the wall by positioning over the Wall Plate Bracket.
- 4. Secure template in place with masking tape.

3c. Mounting: Drill Holes

*Choose mounting points according to particular model *CHECK that chosen points are correct using assembled HTR.



*Drill holes at the 3 mounting points chosen. *Drill 4mm pilot holes. Open up with 8mm drill.

3d. Mounting: Secure Male Mounts



3e. Mounting: Connect Electrical Wiring

- 1. DANGER- Electricity is dangerous.
- 2. Electrical connection must be done by a registered electrician/wireman in accordance with the relevant Wiring Code.
- 3. HTRs are deemed to be fixed appliances and therefore are required to have either: **a.** an Isolator Switch installed within arms distance of the heated towel rail.
 - ${\bf b.}~$ be connected to a circuit breaker that can be locked in the open position.
- 4. The HTR must be connected to a circuit with Earth Leakage Protection.
- 5. Check product rating label voltage and make sure correct voltage is supplied at electrical point.



REMEMBER to place Cover Plate over the tube before making the electrical connection.

3f. Mounting: Secure Heated Towel Rail to the wall



4a. Using your Heated Towel Rail: Controllers

Bathroom Butler HTRs are offered with 2 different Controller options. Depending upon which specific model you have purchased, either one of the controller information below will be applicable to your product.



PTSelect Switch allows you to switch the HTR ON and OFF as well as adjust the temperature.

To increase the temperature, turn the dial to the right. To decrease the temperature, turn the dial to the left. To switch off, keep turning the dial to the left until you hear an audible click.

When the HTR is on, the PTSelect Switch is illuminated by a red light. This red light flashes, depending upon the heat level chosen. The longer the red light glows, the warmer the heated towel rail will be.



TDC Timer allows you to program the HTR to switch ON and OFF automatically, therefore saving electricity. You can also adjust the temperature of the HTR using the TDC Timer.

For further details of how to program the TDC Timer and information of the other functions, please read the TDC Timer manual supplied separately.

4b. Using your Heated Towel Rail: Dry Element Technology

The main purpose of an HTR is to dry your towels, which will also add some warmth to your towels at the same time. Bathroom Butler HTRs have the added benefit of user temperature adjustment, allowing the temperature to be increased or decreased to your individual preference. This feature is especially useful in making Bathroom Butler HTRs effective in both summer and winter conditions.

The Bathroom Butler HTR has been designed to operate 24/7, which means you can leave your HTR on all day long. However, leaving the HTR switched on permanently uses unnecessary electricity because, in most cases, your towels will be completely dry within 3 hours of being hung, depending upon humidity levels and how wet your towel was originally.

Bathroom Butler uses Dry Element Technology (DET) and thanks to the benefit of Rapid Heating, which allows the unit to heat up to working temperature within a mere 10 to 15minutes, its HTRs can be easily switched ON and OFF without further increasing the electricity consumption.

In order to save as much electricity as possible, the heating element is thread through the shortest path inside the bars of the HTR, which means that the left-hand post will always be cool to the touch. Don't be surprised when you find the temperature of the HTR under the towel is higher than the exposed surfaces. This is called Direct Intelligent Heating, and it means that smaller wattage heating elements can be used, thereby saving electricity, but still ensuring that your towels are dried effectively.

4b. Using your Heated Towel Rail: Folding your towels

To ensure that your towels are dried efficiently and effectively, it is important to fold your towels into 4 layers. Just draping your towel over the HTR is ineffective and will prevent your towel from drying. It is also not advisable for there to be more than 4 layers of towelling on any one bar, as it will be very difficult for the heat to penetrate beyond the 4 layers.

To fold your towel in to 4 layers is simple – just fold it in half and then in half again. Now hang the towel over the HTR. When the towel is hung over the HTR, it is recommended that the bottom end of the towel should not extend more than 150mm below the bottom bar.

4b. Using your Heated Towel Rail: Cleaning and Maintenance

Bathroom Butler HTRs are made from GRADE 304 Stainless Steel and should be cleaned regularly with a warm damp cloth, and then buffed dry with a clean dry cloth. Do not use the rough end of a kitchen sponge to clean your HTR. To remove any small blemishes or fine scratches, use a metal polish. Remember to switch the HTR off and leave it to cool for 15 minutes before cleaning.

DO NOT clean your HTR with any kind of ACID BASED CHEMICAL, TILE CLEANER or detergents that contain chlorine, as this may contaminate and damage the surface finish of the HTR.

There is no maintenance required on your Bathroom Butler HTR.