

Bianca

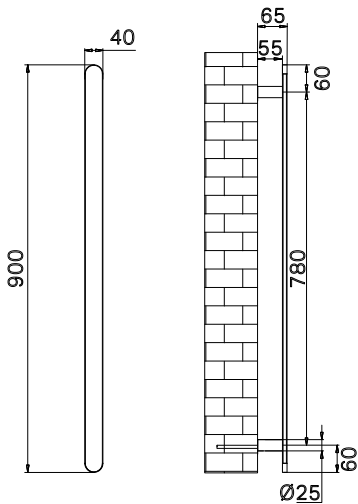
12V Single Vertical Heated Towel Rail

Nero



Version:202606

Drawing



Specifications

Certification
SAA
Voltage
Input: 220-240V AC/50-60Hz
Output: 12V DC
Power Rating
14W IP55
Appliance Class
Class I
Heat-up Time
20 Min

Finish & SKU

- | | | | |
|--|--|--|---|
|  Chrome
NRV904hCH |  Matte Black
NRV904hMB |  Brushed Nickel
NRV904hBN |  Gun Metal
NRV904hGM |
|  Brushed Gold
NRV904hBG |  Brushed Bronze
NRV904hBZ |  Graphite
NRV904hGR | |

Packaging Includes

- 1x Heated Towel Ladder
(Including a 0.16m power cable)
- 1x Transformer
(Including a 2.3m power cable)
- 1x Connection Wire Leg Kit

*Dimensions are nominal measurements only.

SAFETY, INSTALLATION, AND CARE INFORMATION

SAFETY AND INSTALLATION:

- This 12V heated towel rail must be installed and tested by a qualified electrician in accordance with current local electrical and building regulations.
- It is essential that the towel rail is connected to a suitably rated Residual Current Device (RCD) circuit to enhance safety.
- In wet areas, strictly adhere to all electrical guidelines. Avoid installing the rail in locations subject to direct water spray or excessive moisture. It should not be mounted within the shower zone or immediately adjacent to bathtubs and sinks unless additional protective measures, such as splash guards, are implemented.
- When fixing to hollow walls, ensure that suitable anchors are used for a secure installation.
- Do not cover the towel rail with non-ventilating materials (e.g., plastic or waterproof covers), as this could lead to overheating and an increased fire risk.
- Regularly inspect the power cord for signs of damage. If any damage is detected, have the cord replaced immediately by an approved service agent or qualified professional.
- Do not use the towel rail to hang items contaminated with oil, petroleum-based products, or dry cleaning fluids, as these substances can elevate fire risks.
- Never immerse the towel rail in water or any other liquid.
- Ensure that the electrical supply is strictly 240V, 50Hz to avoid potential hazards.

WARNING:

- In order to avoid a hazard for very young children, this appliance shall be installed so that the lowest heated rail is at least 850 mm above the floor.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.

CARE INFORMATION:

- Always disconnect the power before cleaning the towel rail.
- Clean the unit using a soft, damp cloth with a non-abrasive cleaning agent to preserve the finish. Avoid harsh scrubbing, acidic cleaners, or abrasive products that may damage the surface.
- Periodically check all mounting and electrical connections, and ensure that the unit is well-ventilated to maintain optimal performance and longevity.

NERO HEATED TOWEL RAIL/LADDER– 12V IP55 INSTALLATION GUIDE

This guide follows the AS/NZS 3000:2018 standard and outlines where a 12V IP55 heated towel rail/ladder can be safely installed in a bathroom.

Understanding IP Ratings

All electrical fixtures in bathrooms must meet certain Ingress Protection (IP) ratings to ensure safety.

- IP55 means:
 - "5" (Dust Protection) – Limited protection against dust; enough to prevent damage to internal components.
 - "5" (Water Protection) – Can withstand low-pressure water jets from any direction (equivalent to IPX5).

Installation Zones for 12V IP55 Heated Towel Rails/Ladders

Our 12V IP55 heated towel rail/ladder is suitable for installation outside Zone 1 in accordance with AS/NZS 3000:2018. Always check with a qualified electrician to ensure compliance with local regulations and site-specific conditions.

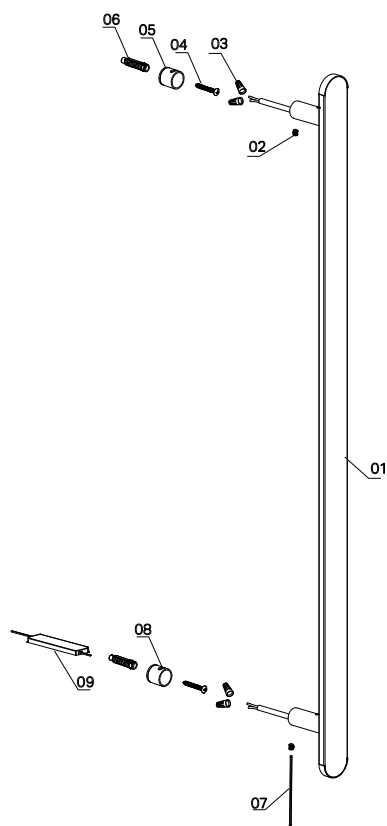
Important Safety Notes

- All electrical work must be performed by a licensed electrician.
- Hardwiring is required.
- All circuits must be protected by a 30mA RCD to ensure user safety.
- Only use the supplied connector when installing the towel rail.



For more details, please contact support@nerotapware.com.au or call +61 387863170

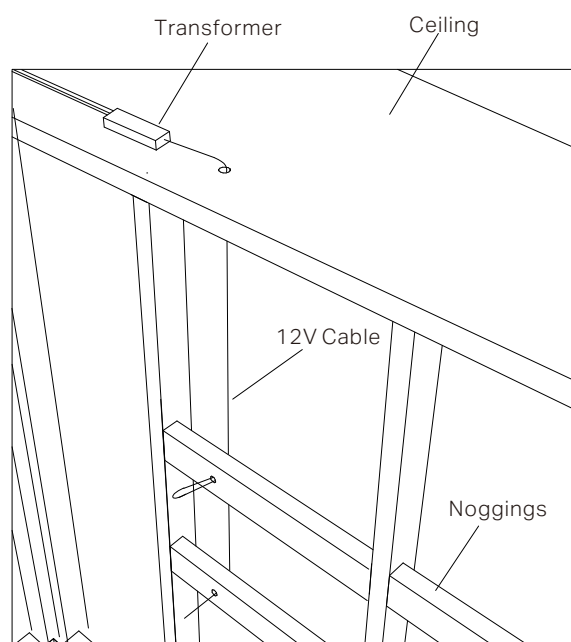
PARTS NAMES



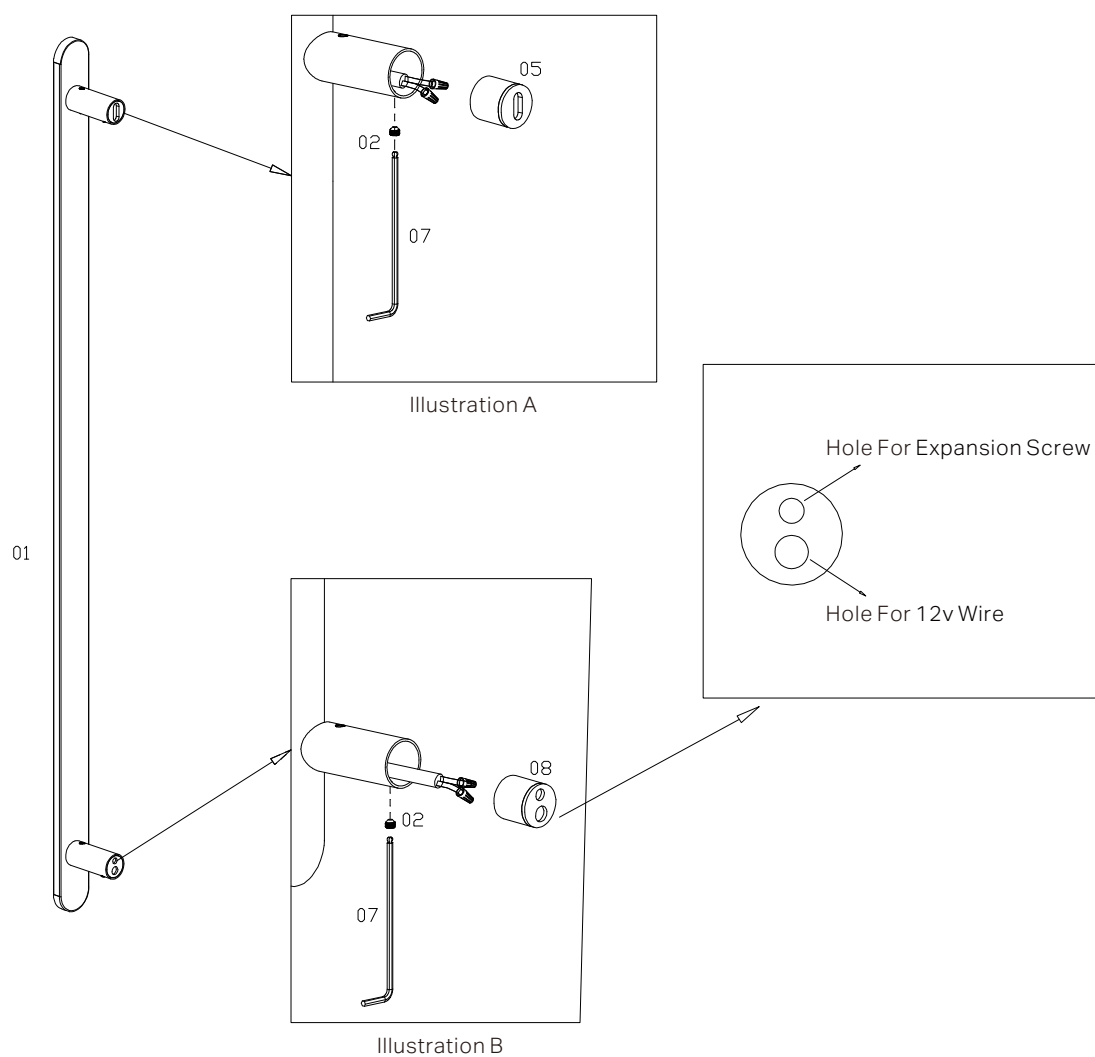
- 01 Towel Rail x1
- 02 Grub Screw x 2
- 03 Spring Twist-on Wire Connector x 4
- 04 Expansion Screw x 2
- 05 Mounting Bracket x 1
- 06 Expansion Plug (E-Type) x 2
- 07 Ball Head Allen Key x 1
- 08 Mounting Bracket (For Concealed Installation) x 1
- 09 Transformer x 1

PRE-WIRING

- 1.If the partition wall is constructed with wooden stud frame or light steel keel frame, install noggings at the exact positions corresponding to all support feet of the heated towel rail. Mount the transformer inside the ceiling (see right diagram for details).
- 2.Confirm the entry direction of the power cable for the heated towel rail.
- 3.Prioritize the support foot that is close to the transformer and away from wet areas as the cable entry point.
- 4.Drill an Ø8 hole on the wooden nogging at the selected support foot, then thread the supplied cable through the hole.
- 5.All wiring shall be carried out in compliance with regulations by a qualified electrician.



INSTALLATION STEPS

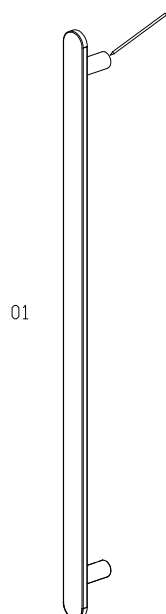


01. Assemble the product following illustration A and B.

Insert the Mounting Brackets (05) and (08) into the mounting bracket of the Towel Rail (01), and secure it with the Grub Screw (02).

Note: This heated towel rail allows power cable entry from either the top or bottom side, **but not both !**

Simultaneous connection will make the product inoperable. We recommend routing wires near the control box. All steps below use the bottom entry for demonstration.



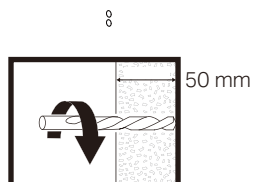
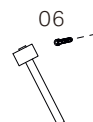
02. Place the Towel Rail (01) squarely against the wall and draw the outline of the two bases individually with a wipeable marker.



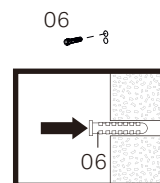
03. Pull out the Mounting Brackets (05) and (08) from the towel rail, with (05) on the top and (08) on the bottom. Then, align them individually with the marked outlines on the wall

Note: Ensure the two holes of the Mounting Bracket (08) are **vertical**.

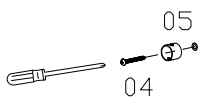
04. Mark the drilling positions of mounting holes and power cable passage hole.



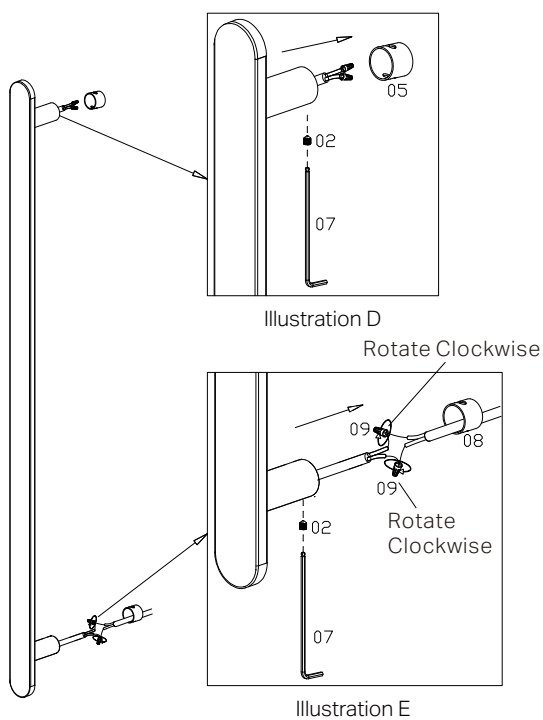
05. Use a Ø8 mm drill bit to drill holes at the marked position. The recommended depth for the mounting hole is 50mm, while the passage hole should go through the wall.



06. Insert the Expansion Plugs (06) into the mounting holes sequentially, flush them with the wall surface.



07. Secure the Mounting Brackets (05) and (08) to the expansion plugs with Expansion Screws (04).



09.

Illustration D: Stow the power cable of the upper heated towel rail (not connected to the 12V cable) inside the towel rail, secure it with the Grub Screw (02).

Illustration E: Run the 12V cable from the transformer through the hole on the Mounting Bracket (08), then connect it to the power cable of the Towel Rail (01), secure the Mounting Bracket (08) with the Grub Screw (02). The installation is completed.

Note: Operate with power disconnected.

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