AEON

User Manual

Oswest WiFi Enabled 300W/600W/900W Smart Heating Element,
Class I Insulation (For UK+)

Product Code: OWS300CL1/
OWS600CL1/OWS900CL1
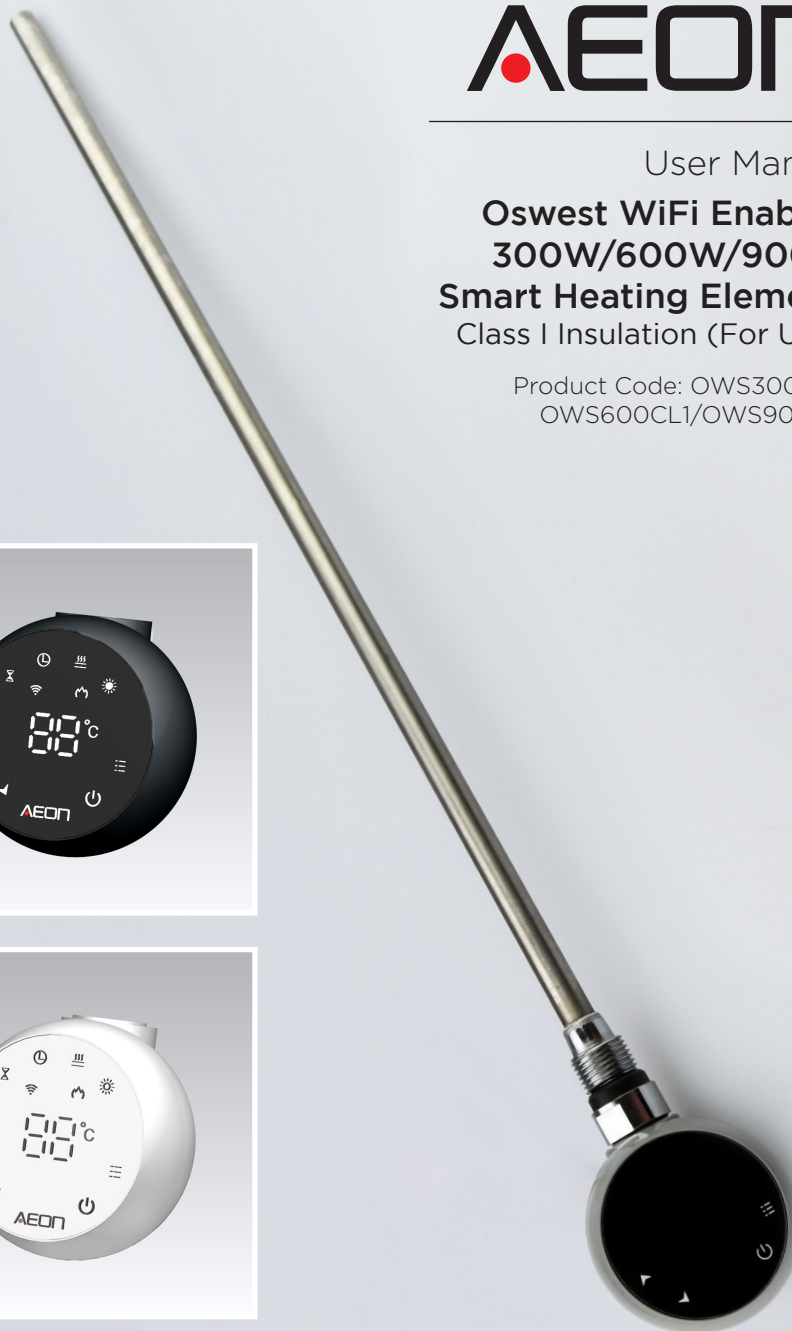
Image for illustration purposes only. Actual products may differ slightly.

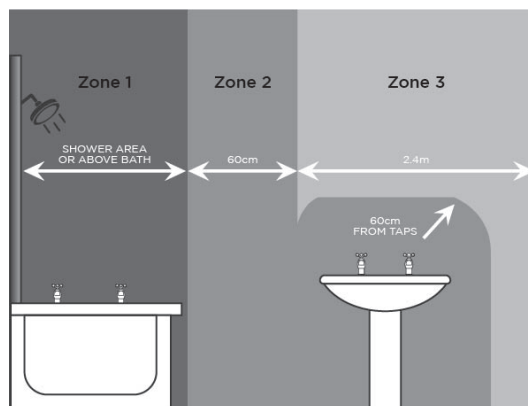Scan the QR code to
receive a digital PDF

Thank you for purchasing 'Oswest WiFi Enabled 300W/600W/900W Smart Heating Element, Class I Insulation (For UK+)'

GENERAL CAUTION

- Read the instructions carefully before the installation and use of this product.
- This product must only be installed by expert technicians and installation must be compliant with all applicable rules and national safety regulations and laws in force in the country where the product is installed.
- This product is intended to be used and installed into a towel rail. Any other use is strictly forbidden and potentially dangerous.
- The product must be fitted before mounting the towel rail to the wall.
- Do not connect the product to the power supply until the installation into a properly filled towel rail is completed.
- The product must only be fitted vertically from the bottom of the towel rail.
- Do not cut the power supply cable to switch the product OFF.
- Make sure that the power lines are appropriate for the load required.
- This product is designed for use with water or water+glycol filled towel radiators.
- Any contact between plastic parts of the product and chemical products or alcohol (including the water or the mixture of water+glycol inside the tower rail) must be avoided.
- For any other technical details and requirements, please refer to the distributor/seller.
- In case of any doubts or insufficient information, please do not install or use the product and contact the distributor/seller.
- This product is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience or knowledge, unless they benefit from a person responsible for their safety, help with the instructions and monitor the use of the appliance.
- Ensure children do not play with this product.

SAFETY WARNING

- This product is a Class I appliance and is protected against water ingress according to its IPX4 degree of protection. The towel rail where this product is fitted must be mounted inside the room and in accordance to its IP degree of protection and electrical legislation. If in doubt about the installation, please refer to the relevant governing authority.
- Switch off the mains supply before installation, maintenance or removal of this product.
- Do not install the product into a towel rail fitted in ZONE 1.

Safety Information

- IMPORTANT: Always disconnect the mains supply during installation and maintenance. It is recommended that the fuse is withdrawn or circuit breaker switched off at the distribution board while work is in progress (turning off the switch is not sufficient).
- Verify that the rated voltage of the product is the same as the supply voltage.
- Make sure that the product is correctly earthed according to the standard in force.
- Check that the electricity supply system is connected through a MCB (Magnetothermic Circuit Breaker) and RCCB (Residual Current Circuit Breaker) devices.
- This Product MUST NOT BE POWERED IN AIR.
- This product is intended to work only if completely immersed in the liquid (water) inside the towel rail.
- Do not touch the metallic parts of the product if it is powered; before maintenance and removal of the product, wait the necessary length of time to ensure it is cold after it is switched off.
- In 'Electric only' installation, the towel rail MUST have a sufficient air gap to allow for water expansion.

Guarantee

This product is guaranteed for 12 months from any manufacturing defects, from the date marked on it. The guarantee of this product is not valid in the case of improper use or installation.

Technical Specification

Rated Power	300W/600W/900W
Power Supply	AC230V / 50Hz
IP Rating	IPX4
Setting Temp. Range	30 - 70°C
Operating Modes	Free Mode, Thermostatic Mode, Cycle Mode, Timing Dryer Mode

Product Code	Rated Power	Colour/Finish
OWS300CL1C	300W	Chrome with Black Facia
OWS300CL1A	300W	Anthracite RAL 7016 with Black Facia
OWS300CL1W	300W	White RAL 9016 with White Facia
OWS600CL1C	600W	Chrome with Black Facia
OWS600CL1A	600W	Anthracite RAL 7016 with Black Facia
OWS600CL1W	600W	White RAL 9016 with White Facia
OWS900CL1C	900W	Chrome with Black Facia
OWS900CL1W	900W	White RAL 9016 with White Facia

LCD Display

Icon	Description	Icon	Description
☀	Thermostatic Mode	🔥	Heating Status
≋	Free Mode	⏳	Timing Dryer Mode
🕐	Cycle Mode	📶	WiFi Icon
⏻	On/Off Button	➤	Up Button
☰	Mode Button	➤	Down Button
Time/Temperature Display			

Operation Modes

Power On and Off:

Press ⏻ button to power ON the device. Press again to turn OFF.

When the device is on, press ☰ to change modes;

Free Mode -> Thermostatic Mode -> Timing Dryer Mode -> Cyclic Mode

Free Mode:

Press ☰ to change to Free Mode: ≋

Tap ➤ and ➤ buttons to select temperature, adjusting by 1°C each time.

Hold down buttons to speed up selection.

Adjustable temperature range is 30-70°C. Default temperature is 50°C.

When the device is on and heating, the 🔥 symbol will appear.

Thermostatic Mode:

Press ☰ to change to Thermostatic Mode: ☀

Default temperature is 50°C. This is not adjustable.

When the device is on and heating, the 🔥 symbol will appear.

Cycle Mode:

Press :≡ to change to Cycle Mode: 🕒

In this mode, the adjustable temperature range is 30-70°C.

When Cycle Mode is enabled, the device runs as per the default timing.

If this needs to be modified, please connect device to WiFi and adjust using the app.

When the device is on and heating, the 🔥 symbol will appear.

Timing Dryer Mode:

Press :≡ to change to Timing Dryer Mode: ⏳

In this mode, the device heats up to a fixed temperature of 65°C.

Default time is 2 hours.

Timing settings:

Tap ⌃ and ⌄ buttons to select length of time, adjusting by 1 hour each time.

Hold down buttons to speed up selection. Adjustable range is 1-18 hours.

When the device is on and heating, the 🔥 symbol will appear.

WiFi Pairing:

Download the Smart Life - Smart Living app.

Register a new account or login if already registered.

While the product is OFF, hold down :≡ for 3 seconds to start the pairing process.

On the app, select auto-scan from the top navigation. The app should find the product.

Select Next to enter and confirm your WiFi password.

Successfully Paired = Displays 'PS'

Failed to Pair = Display 'FA'

Internal Settings

Access Internal Settings:

While the product is ON, hold down ⌃ for 5 seconds to enter the Internal Settings.

Press :≡ to switch between modes: Temperature Compensation and Open Window Detection.

Temperature Compensation (F0):

Press :≡ to change to Temperature Compensation mode.

The display will change to F0 once selected.

Tap ⌃ and ⌄ buttons to adjust the temperature.

Adjustable range is -5 to 5°C, adjusting by 1°C each time.
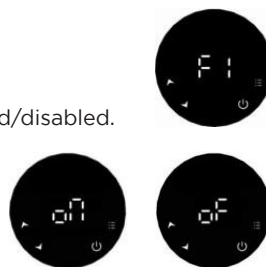
Open Window Function (F1):

Press ☰ to change to Open Window Function mode.

The display will change to F1 once selected.

Tap ⌃ and ⌄ buttons to select the function to be enabled/disabled.

Disabled = oF

Enabled = oN

For example:

When this function is enabled and in the heating state, if the ambient temperature drops 2°C in 5 minutes, the device detects the window is open (F1 will show) and will stop heating. After 65 minutes, the device will restart heating; if the temperature keeps dropping, the device will stop again, and will repeat this ON/OFF process until Open Window Function is disabled.

Reset to Default Settings

To reset the settings to default, press ⏻ and hold for 10 seconds. The LCD display will show all icons for 3 seconds, and then return to its OFF state. Press ⏻ again to power ON the device.

Thermostatic Mode	Default Temperature: 50°C
Free Mode	Default Temperature: 50°C
Timing Dryer Mode	Default Time: 2 Hours
Temperature Compensation	Default Temperature: -2°C
Open Window Function	OFF

Maintenance

Cleaning:
• Only clean the product with a dry soft cloth.
• Maintain small round movements whilst cleaning.
• Apply light pressure, especially to any chrome surfaces to avoid potential scratching.

Diagnostics:
• If the product regulation mode is selected at maximum temperature and the towel rail doesn't heat at all, this may indicate operation failure and the product must be replaced.
• If LCD display is ON but the towel rail doesn't heat, wait 2 hours. If the situation doesn't change, contact the distributor/seller.

Spare Parts:
• There are no spare parts, if the product is faulty it needs to be replaced in full.

NOTES FOR DISPOSAL OF THIS PRODUCT VALID FOR THE EUROPEAN UNION

The crossed-out wheeled-bin symbol on your product reminds you that in the European Union all electrical and electronic products and batteries must be taken to separate collection at the end of their working life. Do not dispose of these products as unsorted municipal waste. Return the products to collection to prevent possible harm to the environment or human health from uncontrolled waste disposal and to promote the sustainable reuse of material resources. Collection information is available from the product retailer, local waste authorities or national producer responsibility organisations. For more information, see product country-specific information.

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