

Heating Output Guide: Understanding Your Measurements

When selecting the perfect towel warmer or radiator for your space, understanding its heating capability is just as important as its design. Because heat output relies on the temperature of the water flowing through your system, we provide our measurements across different standard testing conditions.

Here is a quick guide to understanding the specifications listed in this document:

1. Units of Measurement: BTUs and Watts

BTU (British Thermal Unit): This is the traditional standard used to measure heat output. In short, the higher the BTU rating, the more heat the product will emit into your room.

Watt (W): This is the metric equivalent of a BTU. While BTUs are more commonly referenced in the UK and US for radiators, many modern specifications use Watts. (Note: 1 Watt is equal to approximately 3.41 BTUs).

2. What is Delta T (Δ)?

You will notice our BTU and Watt outputs are listed under T50 and T70. The "T" stands for Delta T (Δ), which simply means the difference in temperature between the hot water circulating inside the radiator and the desired ambient temperature of the room.

Different home heating systems run at different temperatures, so we provide outputs for the two most common standards:

T50 (Delta T50): This is the modern European standard (EN 442) for testing radiators. It assumes your heating system runs at an average water temperature of 70°C in a room that is 20°C (a difference of 50°C). If you have a relatively new or modern boiler system, the T50 column is the most accurate representation of the heat your towel warmer will produce.

T70 (Delta T70): This standard represents an older style of boiler system that operates at much higher water temperatures. Because the water is hotter, the resulting BTU and Wattage numbers will be noticeably higher. If your home uses an older, high-temperature boiler, you should reference the T70 column.

Pro Tip: If you are unsure which column applies to your home, we recommend sizing your room based on the T50 measurements. It is always better to slightly oversize a radiator and turn it down with a valve than to undersize it and have a chilly bathroom!

Further details & dimensions can be found at www.nosa.co.uk

PRODUCT SPECIFICATIONS

Brand	Nôsa
MPN	CAJ13GA00017
SKU	SKU-382366
Dimensions	1800 x 300 mm
Colour/Finish/Material	Brushed Copper
Water Content	4.27
Heatoutput(BTU) T50	1597
Heatoutput(Watt) T50	468
Heatoutput(BTU) T70	2450
Heatoutput(Watt) T70	718

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