

How is the outdoor design temperature (ODT) set and can I change it?

The outdoor design temperature (ODT) for your project will be automatically set using the 99th percentile temperature for the relevant project location from [CIBSE guide A](#). Using the 99th percentile temperature means the temperature will only fall below the ODT for 1% of the year. You may choose to use the 99.6th percentile in which case no additional uplift is needed for intermittent heating or exposed locations (see MIS 3005-d for details). Using the project's location, Heatpunk will also automatically remove **0.3°C** from the ODT for every **50 m** above sea level.

To change the ODT used for your project:

- navigate to the **Heat pump task**
- scroll down to find the **Heat pump load** section
- **Click the pencil icon** in the top right
- Set the temperature you want to use

Note: An additional **0.3°C** will need to be removed for every **50 m** above sea level, with altitude given in the input section of the technical report & customer proposal.

Heat pump load

Heat Loss

The Outside Design Temperature for postcode CB24 6AZ is **-2.5°C** → The expected heat loss at the Outside Design Temperature is **7996 W**. ÷ The total area of the building is **155.78 m²**. = The average heat loss is **51 W/m²**.

Heat Pump Load – Outside Temperature

Set a custom Outside Design Temperature (ODT) for extreme environments. Outside design temperature must be between -20°C and 5°C.

Outside Design Temperature °C

Adjust with caution. Our automatic ODT, based on property postcode, provides a more accurate result.

Cancel Confirm

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