



*Delivering sustainable homes for
a better tomorrow*

Room Thermostats Air to Water System



Operation Guide

CM Room Thermostats



Important: Keep this document

The image above is a CM25 thermostat. The design of other products in the CM range may vary.



CAUTION! Installation and connection should only be carried out by a qualified person.

- Only qualified electricians or authorised service staff are permitted to open the thermostat.
- If the thermostat is used in a way not specified by the manufacturer, its safety may be impaired.
- Before commencing installation, the thermostat must be first disconnected from the mains.
- If this equipment is installed or used in a way not specified by the manufacturer, its safety may be impaired.



Please Note:

While a full manual is available upon request, we highly recommend consulting with a member of our property services team before making any adjustments to your system.

Tuath Recommendations

The CM Thermostat range is an easy-to-use device that helps control the temperature of your heating system. Here's how it works:

Setting the Temperature:

Simply turn the dial to set your desired room temperature. We recommend setting the temperature to approximately 18 degrees which should be most cost effective.

Automatic Temperature Control:

When your heating system is running, the CM Thermostat detects the temperature in the room. Once the desired temperature is reached, it stops the heating system by opening the electrical circuit.

Temperature Adjustment:

As the room cools down, the thermostat allows a slight drop in temperature (about 1°C) before allowing the heating system to turn on again.

Preventing Overheating:

If the CM Thermostat is set to a temperature lower than the room temperature, it prevents the heating system from activating.

Checking Temperature: You can check the current temperature reading by rotating the dial until you hear a click. This indicates the point where the temperature is measured.

Hot Water:

The heat pump system has integrated controls for domestic hot water production which is set up during commissioning by the installer.

Hot water will automatically turn on as required and will turn off when the pre-set temperature is reached.

Overall, the CM Thermostat range offers convenient and efficient temperature control for your heating system, ensuring comfort while preventing energy waste.

Please allow approximately 24 hours for your home to get to the desired temperature before adjusting your thermostat.

Heat Pumps: Your Questions Answered

What is a heat pump?

A Heat Pump is a device that transfers heat from one place to another using different air or heat sources. For example, air source heat pumps move heat between the air inside and outside of your home.

Do heat pumps use a lot of electricity?

While **Heat Pumps will increase your electricity bill**, they typically reduce costs for other heating fuels.

Are heat pumps a good idea?

Yes, Heat Pumps are more energy-efficient than other heating systems because they produce more heat than the amount of electricity they consume.

What are the downsides to heat pumps?

Air source heat pumps may experience issues like **icing in cold temperatures**, which can damage the system. However, modern heat pumps often have automatic defrosting. They may also be less efficient and use more electricity during very cold days.

Are heat pumps noisy?

While all heating products make some noise, **heat pumps are usually quieter than fossil fuel boilers**. The noise level typically ranges from 40 to 60 decibels, depending on the type of heat pump and its installation.

Is it better to keep a heat pump at a constant temperature?

Yes, heat pumps operate more efficiently when maintained at a steady temperature. Turning the heat pump down when you're away or asleep may use more energy as it has to work harder to reach the set temperature again.

What is the best way to use a heat pump in winter?

Keep the temperature setting low (between 18°C to 21°C). Setting it higher won't heat the room any quicker but will use more energy.

What should the thermostat be set at in winter in Ireland?

Set the thermostat to 20°C in living areas and cooler (15-18°C) in hallways and bedrooms. Lowering the room temperature by just one degree can reduce heating bills by 10%.

Does it cost more to maintain a higher temperature?

Yes, maintaining a higher temperature will increase heating costs. Raising the temperature by one degree can increase the heating bill by about 10%. What that means is if you run your home one degree warmer over the course of a month, it will raise your heating bill by 10% for that month. So, if your average bill is €100 per month, if you raise it by two degrees, your bill will be about €120.

How do I maintain a heat pump?

Tuath Housing will arrange for an annual inspection and perform regular maintenance tasks.

You can do several things to maintain your heat pump, including:

- **Check on the outside of the heat pump unit during winter**

Remove any snow or ice from the outside of the unit immediately. Use caution when removing the ice and snow to prevent damaging the grille.

- **Clean the outside of the heat pump unit often.**

Remove any dirt, mud, or leaves from the outdoor section with a soft-bristled brush or your garden hose.

- **Cut back foliage.**

Prune any shrubs, trees, or bushes at least 18 inches back from the outdoor heat pump. This allows air to flow around the unit, which is needed for the Heat Pump to work well.

Additional Tips:

- Don't worry too much about temperature readings initially. Set a comfortable temperature and adjust over time if needed.
- Avoid changing the settings frequently. Let the heat pump find a suitable temperature and maintain it unless you'll be away for more than 24 hours.

Remember, understanding how to properly use and maintain your heat pump can lead to increased efficiency and comfort in your home.

Who do I contact with queries on my heat pump?

If there is a problem with your heating or hot water, get in touch with our team by



Telephone on 01-676 1602



Send an email to energyupgrade@tuathhousing.ie during the first 3 months following installation. If the heat pump is installed 3 months or over log a repair on our website <https://tuathhousing.ie/tenant-home/>

- Fill out the form by scanning the barcode below. The digital display on your heat pump may show a flashing error code, please report this to us so we can get you back up and running quickly.
- For complete loss of heating out-of- office hours in emergency adverse weather contact the helpline by phoning your local Tuath Housing office and dial Option 1.



Disclaimer: Tuath Housing is not responsible for any damage, loss, or injury resulting from the use of this product. Users are advised to follow all safety instructions and guidelines provided in the full manual. Use of the product is at the user's own risk.



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energyupgrade@tuathhousing.ie



www.tuathhousing.ie