

## Operating your Daikin Altherma 3 heat pump system

Your home has been fitted with a Daikin Altherma 3 heat pump that comprises of an outdoor and indoor unit, powered by electricity. The outdoor unit generates energy by passing air through the outdoor unit transferring the energy into your heating system and hot water cylinder, therefore the name Air-to-Water heat pump.

The indoor unit has all the hydraulics built-in and also has the stainless steel cylinder integrated in, either 180ltr or 230ltr, making it very efficient and very compact. To control the heat pump there is a built-in MMI controller that allows the end user to set up certain parameters in heating and DHW modes.

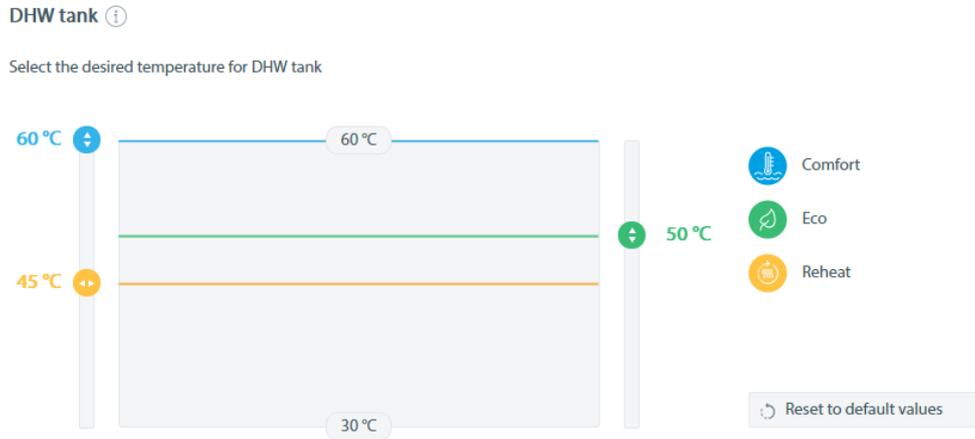
Your heat pump system has been pre-set at commissioning stage and should not require adjustment. The built-in controller has a round light called the “Daikin eye” that pulsates blue if the unit is stand-by mode, fully lit when heat pump performs heating or DHW and red if there is a fault.



The screen on the controller will give the end user basic information on the systems, such as: flow temperature, outdoor temperature, DHW cylinder temperature, water pressure in the system, etc. By using the left hand side dial the end user can access the user settings menu, turn on/off the Heating or DHW system, see certain heating and DHW parameters, etc.

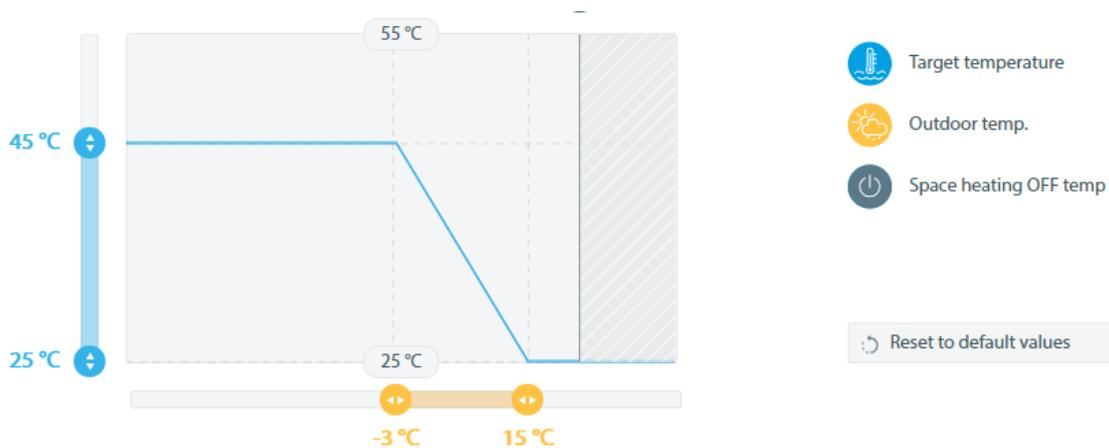


We don't recommend the end user to alter any settings, the most common thing that the end user can change is the settings for DHW scheduling, enabling the heat pump for hot water production within certain intervals in the morning, afternoon or evening. The schedule can alter the set temperatures to which the tank is being heated to i.e. ECO or COMFORT mode or STOP.



On top of the above the unit is set on a weekly basis to perform the “disinfection function” by raising the temperature in the tank up to 60°C for 1 hour. If an AH-00 fault occurs this typically means the system was unable to complete this “disinfection function” possibly because the hot water was being used during the same period. The system will automatically try to carry out the function another time so the error should pass.

On initial set up the system has been set up on Weather Compensation. Meaning it will adjust the flow temperature based on how cold it is outside. The colder it is the higher the flow temperature for the ultimate comfort. For example with cases with low temperature radiators the flow temperature would typically be set to 45°C when it is -3°C outside and 25°C when it is 15°C outside. The flow temp will adjust itself atomically based on these set points.



The DHW settings are typically set to Re-Heat and Schedule meaning it will heat the tank to the desired temperature based on the inputted schedule mentioned above. It will also re-heat the tank during this period if the temperature drops below 10°C

For any further information please consult the Daikin Ireland Homeowner YouTube channel or the Daikin End users operation manual.

## Maintenance Guidelines

DAIKIN Altherma 3 heat pump for Heating & Hot Water maintenance

Please register and activate your warranty on <https://www.standbyme.daikin.ie> by registering as an end user. If you've been given a commissioning code by your installer this can be used. Or alternatively the system can be manually selected via the product selector. If you're unsure please forward your serial/MFG numbers to [standbyme@daikin.ie](mailto:standbyme@daikin.ie) to check if the installation is on the system.

### Your installed product

Choose the options below to register your Daikin products

<p> <b>Commissioning code</b> Given by your Daikin installer.</p> <hr/> <p>Enter your code </p> <input type="text"/> <input type="button" value="Next"/>	<p>Or</p>	<p> <b>Browse our products</b> We'll help you find your product</p> <hr/> <p>Find your product</p> <input type="button" value="View all products"/> <a href="#">Can't find it? Get help</a>
---	-----------	--

To ensure the continued safe and efficient operation of your heat pump it is recommended that it is checked and serviced at regular intervals. To ensure the correct and safe operation of the heat pump it is essential that any worn or failed components are replaced with genuine Daikin parts.

We require having your heat pump serviced once every 12 months to maintain your warranty.

This can be done by your service partner.

## Important Notes

Do not block the airflow in front of the outdoor unit as it requires room at all times to work effectively. Any obstruction can cause performance issues.

The outdoor unit will produce condensate from time to time which will fall from the unit. This is normal.