

ELEPHANT PARK

Apartment Services Quick Step Guide

USER MANUAL



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1. OPERATE YOUR HEATING & HOT WATER

Underfloor Heating



Your apartment is equipped with Underfloor heating, making your apartment floor surface into a big radiator in essence.

Underfloor heating is more energy efficient and capable of maintaining the temperature more efficiently than conventional systems.

Room Heating Controller – OJ Microline (MCD4)



NOTE: The Thermostats are provided by InstaCoustic. If you have any problem with this item, please contact InstaCoustic. You can find the contact details on the FAQs (Section 5.1 of this manual).

Heat Interface Unit (HIU) – SAV FlatStation 3 Series BS (VVX-I-F1)



NOTE: The HIU is provided by EON. If you have any problem with this item, please contact EON. You can find the contact details on the FAQs (Section 5.1 of this manual).

1.1 Description of System

Your apartment Hot water is controlled by the HIU, located in the Utility Cupboard.

The Heating is controlled by the HIU together with the Thermostat to maintain optimum comfort temperature and minimum energy consumption.

1.2 Quick Set Up Settings

The thermostat is already configured with standard settings for your comfort, but it can be configured using the Navigation buttons.

Introduction

The thermostat can switch on your heating system at predetermined times on different days of the week. For each day of the week, you can set individual temperatures for 4 or 6 different periods, called events. Lowering the temperature when the home is unoccupied will reduce your energy costs without reducing comfort.

The thermostat comes with a default schedule suitable for most homes. Unless you change the settings, the thermostat will operate in compliance with the default schedule.

Furthermore, the thermostat features an adaptive function that automatically changes heating period start times so as to ensure that the required temperature is reached at the set time. After three days the adaptive function has learned when the heating must be switched on.

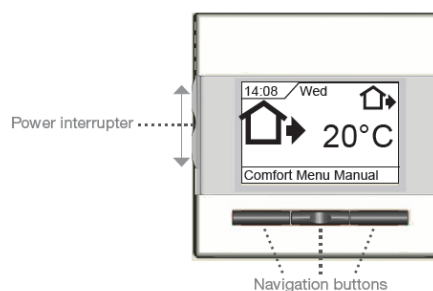
First time settings

The first time you switch the interrupter ON "I", language, time and date must be set. The menu will automatically guide you through the process.

- Choose your language with the Up and Down buttons and confirm with **OK**.

- Set the actual hour and press the **OK** button. Then set the minutes. Press **OK**.
- Set the actual date: year, month and day. Confirm the settings with the **OK** button.

The thermostat is now ready for use and will control your heating in accordance with the pre-programmed event schedule, see **Factory settings**.



General operation

The interrupter button allows you to turn the thermostat on "I" and off "0" by sliding the button up and down. When the thermostat is switched off "0", the relay disengages. All settings, including time and date, will be remembered.

The thermostat is intuitively operated using the navigation buttons. The function of each button is indicated above the button in the display.

Back

In various parts of the menus and submenus you will find the **Back** menu item.

Use **Back** to return to the last step.

Exit

Returns to initial display.

Operation mode

The thermostat features three different modes of temperature control:

Auto mode

Select Auto if you want the temperature to be controlled automatically via the 4-event schedule.

Manual mode

Select Manual to cancel the programmed event schedule (e.g. during holidays) and to set the required temperature manually. You may, for example, want to adjust the temperature to 5°C for frost protection while you are away.

- Press **Manual**, confirm with **OK** and choose the required temperature.

Comfort mode

Select Comfort to set a temporary comfort temperature (so-called party mode) for a single event.

- Press **Comfort**, confirm with **OK** and choose the required temperature. Then enter the required duration of comfort mode.

After the set time has elapsed, the thermostat will automatically revert to **Auto mode**.

Please note: Comfort mode is a temporary manual setting that will be automatically cancelled by the next event in the programmed 4-event schedule.

Thermostat setup menus

The menu allows you to select the following options:

Event settings

Allows you to have the temperature controlled automatically in accordance with a program of your own choice. You can select temperature settings for four different events during the day:

4-Event:

Morning

Daytime

Evening

Night

6-Event:

Morning

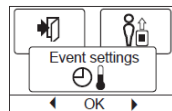
Daytime

Daytime2

Evening

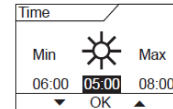
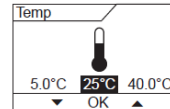
Evening2

Night



The thermostat is pre-programmed with a event schedule for easy and economic heating control, see **Preset schedule** under **Factory settings**. The schedule can be easily changed in the following way:

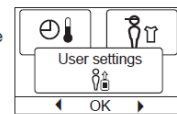
- Press the **OK** button to activate the event settings display.
- Choose the days for which you want to change the settings, **Mon-Fri** or **Sat-Sun** using the up or down button. Press **OK**.
- Now select the time and temperature for each daily event in the program. Press **OK** and set the start time for the event concerned. Confirm with **OK**. Set the temperature for this event and confirm with **OK**.
- After setting the required events, select **Exit** in the menu to return to the initial display.



User settings

In the user settings menu you can change the following items:

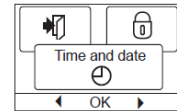
- Time and date
- Child lock
- Display settings
- event schedule
- Energy monitor



Time and date

Press **OK** and set the actual time in hours and minutes.

The date will then be displayed. Set the date and confirm with **OK**.

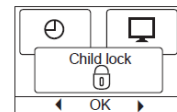


Child lock

Allows you to lock the thermostat settings, e.g. in public or other places where you do not want the settings changed.

Press **OK** and set the child lock to **On** using the down button. Confirm with **OK**.

The child lock can be unlocked by pressing both the **Comfort** and **Manual** buttons simultaneously for 5 seconds.



Display settings

Allows you to select what is shown on the initial display.

Time/day: Shows the actual time and day at the top of the display.

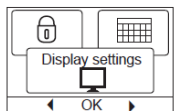
Set temp.: Shows the current temperature setting.

Act. temp.*: Shows the actual measured temperature.

Scr. saver: Switches off the display after 30 seconds if no button is pressed. Any subsequent press of a button reactivates the display. The thermostat remains on and runs the selected program.

Press the **OK** button to select or deselect the display options. Then select **Exit** in the menu to return to the initial display and view your chosen settings.

* : Only with floor application



Event schedule

Allows you to choose the type of weekly event schedule you require.

4-event:

5:2 : Monday to Friday with 4 events and Saturday to Sunday with 2 events.

Typically used if you work from Monday to Friday.

6:1 : Monday to Saturday with 4 events and Sunday with 2 events.

Typically used if you work from Monday to Saturday.

7:0 : Monday to Sunday with 4 individual events. Allows you to choose individual programs for each of the 7 days of week.

6-event:

5:2 : Monday to Friday with 6 events and Saturday and Sunday with 2 events.

Typically used if you work from Monday to Friday.

6:1 : Monday to Saturday with 6 events and Sunday with 2 events.

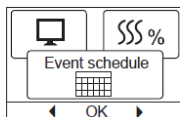
Typically used if you work from Monday to Saturday.

7:0 : Monday to Sunday with 6 individual events.

This allows you to choose individual programs for each day of the week.

0:7 : Monday to Sunday with 6 individual events, with the same program for all days of the week. Select the required 4 or 6-event schedule and confirm with **OK**.

For instructions on programming the time and temperature for the event schedule, see **event settings**.



Energy monitor

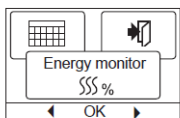
Allows you to view energy consumption for the past 2 days, 30 days or 365 days.

Press **OK** for the chosen period. The value in per cent (%) shows the relative amount of time the heating has been on. The following figure is the cost for the selected period. To ensure correct calculation, check the settings for currency, price per kWh and load.

Currency: Press **OK** and chose the required currency. Confirm with **OK**.

Cost/unit: Press **OK** and set the actual cost of electricity. The cost must be entered per kWh. Press **OK**.

Load: Press **OK** and enter the connected heating power. The value must be in watt (W). Press **OK**. Leave the menu by pressing **Exit**.



Engineer settings

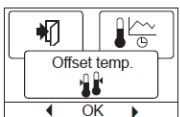
The Engineer settings menu contains the following options:

- Offset temperature
- Adaptive function
- Application
- Temperature scale
- Language
- Factory reset
- Information

Offset temperature

If the actual measured temperature does not corresponding to the thermostat value, you can adjust the thermostat by offsetting the temperature.

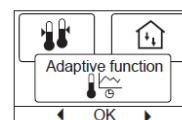
Press **OK** and enter the value of the measured temperature. Confirm with **OK**.



Adaptive function

Ensures that the required temperature has already been reached when you get up in the morning or come home from work. After just a few days, the adaptive function will have automatically calculated when the heating must be turned on.

Press **OK** and set the function to **On**. Confirm with **OK**.



Application

Set the type of regulation used.

There are 4 options:

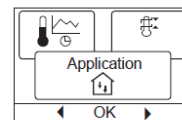
Floor reg. : The thermostat regulates floor temperature only. A floor sensor must be connected.

Room reg. : The thermostat regulates room temperature only.

Room/limit : The thermostat regulates room temperature with min. and max. limits for floor temperature. A floor sensor must be connected.

Regulator : The thermostat functions as a simple regulator and no sensors are used. The setting is a percentage.

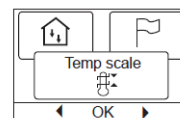
Press **OK** and select the required application. Confirm with **OK**.



Temperature scale

Allows you to set the temperature range within which the thermostat can be set. It is then only possible to set a temperature within this range in auto, comfort and manual mode.

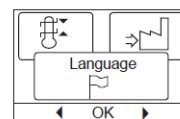
Press **OK** to highlight **Min** temperature. Use the up or down button to select the minimum permissible temperature. Press **OK** and select the maximum permissible temperature. Confirm the settings with **OK**.



Language

Allows the language used on the display to be changed.

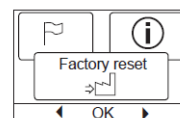
Press **OK** and select the required language. Confirm with **OK**.



Factory reset

Allows factory settings to be restored. Your personal settings will be lost, see **Factory settings**.

Press **OK** and choose **Reset** in the menu. Confirm with **OK**.



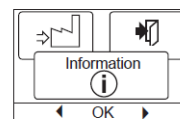
Information

Displays the thermostat software version.

Back

In various parts of the menus and submenus you will find the **Back** menu item.

Use **Back** to return to the last step.



Exit

Returns to initial display.

Error messages

If a fault or error occurs, the thermostat will display an error code as follows:

E0: Internal failure. The thermostat is defective. Replace thermostat.

E1: Internal sensor defective or short-circuited.

E2: External sensor defective or short-circuited.

E5: Internal overheating. Inspect the installation.

Factory settings

Preset schedule

Day 1-5			
Event	Time	With floor sensor	With room sensor
Morning	06:00-08:00	25 °C	20 °C
Daytime	08:00-16:00	20 °C	15 °C
Daytime2*	08:00-16:00	25 °C	20 °C
Evening	16:00-23:00	20 °C	15 °C
Evening2*	16:00-23:00	25 °C	20 °C
Night	23:00-06:00	20 °C	15 °C
Day 6-7			
Event	Time	With floor sensor	With room sensor
Morning	08:00-23:00	25 °C	20 °C
Night	23:00-08:00	20 °C	15 °C

* Depending on the chosen schedule, see **User Settings/Event schedule**.

1.3 HIU Unit Checks

- Energy Meter Display

In the HIU Cupboard you can find the Energy Meter within the HIU.



If there is any problem with your Heating or Hot water, the Energy Meter Display is the first item we have to check to verify if any problem has been registered and an error code is being displayed (For more information about troubleshooting, please see Technical Support section below).

- Technical Support

Contact details

For more information on how to operate your Heating and Hot Water please call technical support on:

0345 052 0000

2. HOME AIR CIRCULATION FAN

2.1 [Description of System](#)

Note: It is strongly recommended to read the FAQ for this chapter.

Your apartment is equipped with a Nuaire Ventilation System (MRXBOX95). The MVHR Fan is located in the Utility Cupboard, it's comprised of air extraction points in the Kitchen and bathrooms, and air supply points in Bedrooms and Living Room.

You don't need to setup anything. MVHR Fan is working automatically.

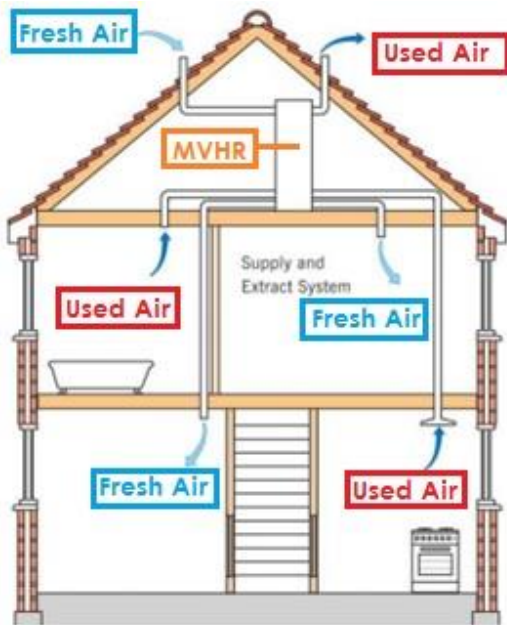


MVHR Fans (Mechanical Ventilation with Heat Recovery):

Note: These systems are heat recovery ventilation systems, **NOT AIR-CONDITIONING SYSTEM**. It offers the highest level of comfort and control available.

Note: The most common concern with home owners is that heat ventilation devices create noise. With Advance, absolute optimization of every element does everything possible to minimize generation and transmission of both motor and airflow noise.

2.2 How the MVHR System Works



- ✓ MVHR supplies & extracts air continuously at a low rate with boost facility to extract pollutants and supply fresh outdoor air at a higher rate as required
- ✓ Can be controlled either; - Manually via single or multiple switches - Automatically, typically via humidity or other sensors These should be clearly marked and located in an accessible location in or near the wet rooms -Normally the MVHR unit is sited remotely in a loft space or cupboard and ducted via rigid duct to outside air using the most economical route
- ✓ Replacement tempered air is introduced into bedrooms and living areas by the system, therefore background ventilators in windows are not required

The Home Air Circulation Fan Unit moves air around your property at such a low level that you never feel it, but it takes all the stale air from inside your house and replaces it with clean fresh air, 24 hours a day, 7 days a week. Your home is ventilated without the need to open windows which can let in noise, fumes and can compromise security.

When the integrated humidity sensor detects a higher humidity than the one set up in the system, it will turn on the Boost extract fan in the bathroom & Kitchen areas. The boost extract fan will remain on until the humidity has gone below the setpoint. There is also an override Boost switch within the Utility Cupboard to turn on the Boost extract fan.

Important:

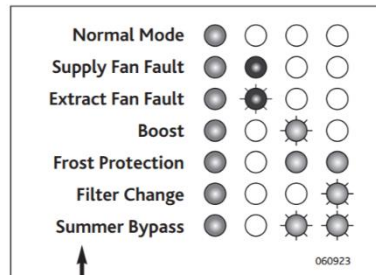
Unit must not be switched off, product is designed to run continuously.

2.3 Filter and Routine Maintenance

All ventilation units require periodic maintenance. Routine maintenance must only be carried out by a suitably qualified and competent person.

7.0 Status Indication

The status of the unit is indicated by a series of LED's on the front cover. The variants are listed below.



↑ Summer Bypass (AB unit only).

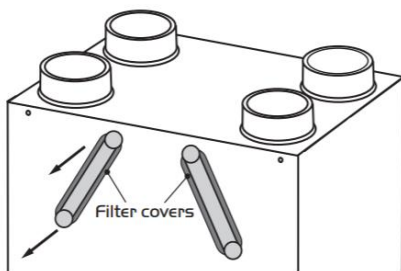
- Filter Maintenance

Filters should be cleaned when indicated by the unit control panel ("Filter Change") at varying intervals depending on the external environment or every 6 months if not indication is shown in the Unit.

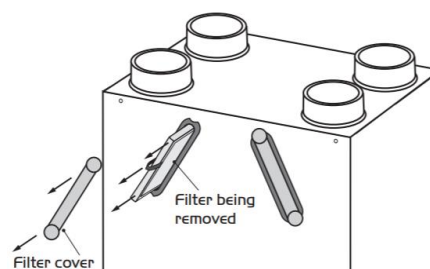
Note: It's recommended that the 2 filters are inspected after 6 months, and replaced every 12 to 18 months.

NOTE: Prior to start, make sure the unit has been switched off

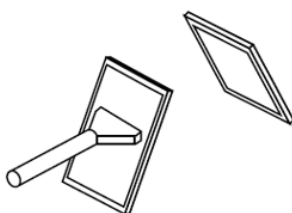
Remove the 2 filter Covers



Remove filters by pulling the black tab



Vacuum the filters or replace them



Replace in reverse order

If the filters need to be replaced, contact Nuair Sales by calling 029 2085 8200 quoting the model reference.

The product should be professionally serviced every two years.

- Routine Maintenance

Cleaning Exterior

For best results use a clean cloth and warm water with a mild detergent solution. Do not use solvents or abrasive cleaners.

- Technical Support

Contact Details

For more information on how to operate your Home Air Circulating Fan please call technical support on: 029 2085 8200

3. YOUR APARTMENT LAMPS

3.1 Product Description

The lighting installed in your apartment comprises of Orlight Downlights or MK light fittings in the Living Room, Kitchen and bedrooms; Orlight Showerstop downlights in the Bathrooms and Orlight down light fixtures in Penthouse's balconies.

Light Fixture Components

Orlight Downlights (Living Room, Kitchens & Bedrooms)



ORL6009 Light Fitting



ORL1005 Light Fitting

MK Pendant Product (Living Room / Bedrooms)



MK 1186 WHI Light Fitting



MK 1154 WHI Light Fitting



PHILLIPS LED Lamp (8718696707012)

Orlight IP Rated Downlights (Bathrooms / Toilets)



SHOWERSPOTW Light Fitting

Orlight Down light Fixture (Penthouse's balconies)



ORL3010 Light Fitting

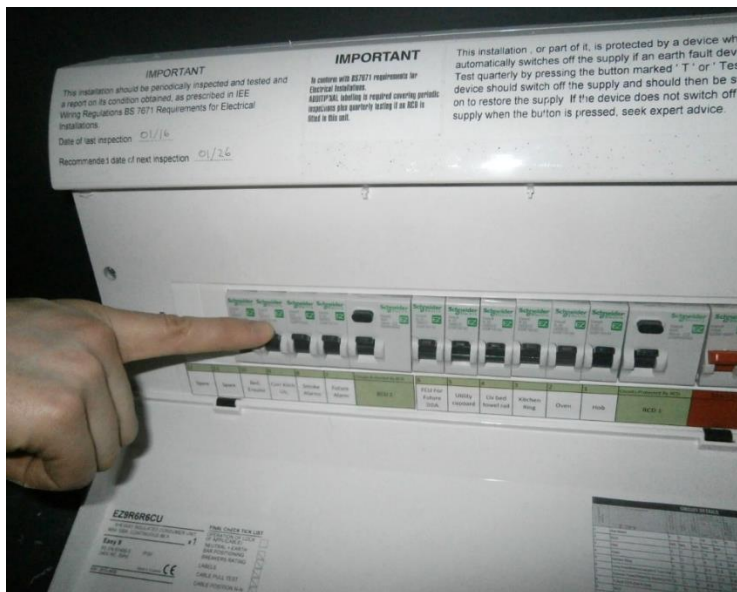
3.2 How to Change Your Lamp

Note: Safety First

- Please use the correct PPE (Personal protective equipment):
 - Safety glasses
 - Appropriate hot work gloves
- Please use a safe raised working platform and do not stand, kneel or ever use the HIU cupboards shelf as a working platform.

Step 1. Turn Off Power

Make sure the power to the lights within your apartment are turned off. The safest way to ensure the power is off before you change a light bulb is to isolate or knock the power off at the source. Turn off isolator switch located in the fuse box prior to commencing work, by flicking the switch, on the breaker/fuse box, within the heating cupboard to its off position (Please see figure 3.1).



Fuse box (Figure 3.1)

Step 2. Let It Cool Down

Allow enough time for the lamp to cool down if necessary, before attempting to touch and separate the housing or to change the bulb.

Step 3. Separate the Light Housings

- ORL6009 Fitting – Is a magnetic fitting where we will have an inner ring (lamp housing) holding the lamp in place that is attached to the outer ring (ceiling light housing) magnetically.



Using your index finger and thumb, gently separate the magnetic inner fitting from the downlight fitting by pulling it in a downward motion. This will release the magnetic mechanism within the housing and separate the housings of the light fitting (lamp housing from the ceiling housing).



Continue this motion of moving the two housings away from each other and allow cable to extend through the lights ceiling housing in your apartment.

- ORL1005 Fitting – Is a twist and lock fitting where we have an inner ring (lamp housing) that is connected to the outer ring (ceiling light housing) by a threaded connection.



We grab the inner ring with our fingers (helping ourselves with the small pins in the fitting) and we turn anticlockwise to unlock the housing. The housing will be released from the outer ring and we will be able to replace the bulb.

- SHOWERSPOT Fitting – Is a waterproof rated fitting. We need to take down the hole housing to replace the GU10 bulb inside the fitting.

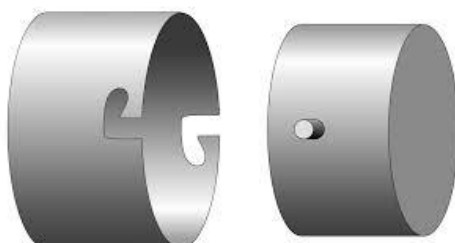


We grab the outer ring and take the fitting down by pulling it in a downward motion. That will compress the springs and allow us to take out the light fitting.

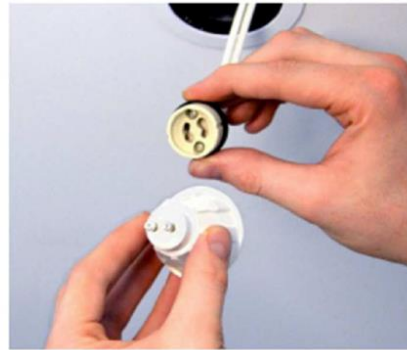
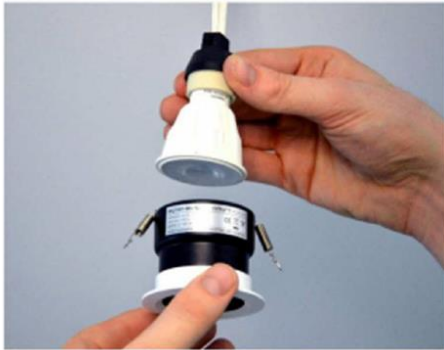
- ORL3010 Fitting – This fitting is a standalone system. Please ask the manufacturer for more details on how to replace it.

Step 4. Remove the Lamp

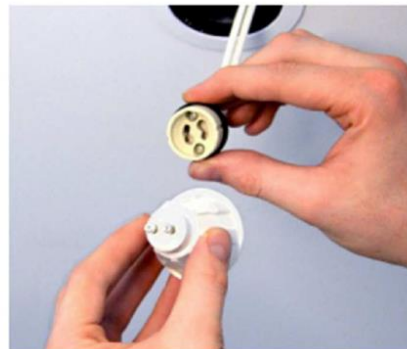
- MK 1186 & 1154 - In your Living room, Bedrooms and Kitchen your light system comprises Phillips LED bulbs with bayonet cap. To remove them, you have to hold the fitting while pushing up the bulb against it (to compress the loaded spring) and turn anticlockwise to release the bulb pins from the fitting.



- ORL6009 Fitting – The lamp for this fitting is a 7W OSRAM LED, it has to be replaced with the same lamp type.
- ORL1005 Fitting – The bulb for this fitting is a GU10 Lamp. To remove the lamp from the housing, we hold the Connector with one hand, and with the other we turn the bulb anticlockwise to release it from the connector.



- SHOWERSPOT Fitting – The bulb for this fitting is a GU10 Lamp. To remove the lamp from the housing, we hold the Connector with one hand, and with the other we turn the bulb anticlockwise to release it from the connector.



Step 5. Replace Lamp

- MK 1186 & 1154 - To replace the lamp in the living Room, Bedrooms and corridors, you need to push the new lamp against the fitting (to compress the loaded spring) and turn clockwise until the pins are in their locked position.
- ORL6009 Fitting – We replace the old lamp with a new 7W OSRAM LED lamp, we put it into the inner housing, we connect it to the socket and we push it in into the outside ring to get magnetically connected.
- ORL1005 Fitting – We replace the old GU10 bulb with a new one, we connect it to the connector by fitting the 2 pins into the thick part of the opening and turn

clockwise to lock it in position. We put it in the lamp housing and we fit the lamp housing into the ceiling housing by turning clockwise to lock the housing in position.

- **SHOWERSPOT Fitting** - We replace the old GU10 bulb with a new one, we connect it to the connector by fitting the 2 pins into the bigger part of the opening and turn clockwise to lock it in position. We put it in the housing and we fit the housing into the ceiling by loading the springs and putting them through the ceiling opening before the fitting body. Making the springs to secure the housing into position.



Step 6. Turn on Power

Now that the new lamp has been fitted and you feel as though you have safely carried out the replacement procedure, it is now time to turn back on the power. To recirculate power to the apartment lights, flick the switch, on the breaker/fuse box, within the Utility cupboard to its on position.

Step 7. Disposal

After fitting the new lamp, it is now necessary to dispose of the old lamp. This needs to be done in a safe manner, as the old bulbs glass may be fragile and very sharp. One approach to this is to wrap the old lamp in the packaging of the newly fitted lamp and dispose it in the nearest Lamp recycling bin or lamp disposal service.

3.3 Lamp Safety

Safety is critical when working with faults related to electrical or wiring issues. Remember to always check the following:

1. The wattage on the old used bulb and replace it with a new lamp of the same wattage.
2. Keep your fingers away from live electrical wires and do not put your fingers in the exposed light socket.
3. In the interest of health and safety, dispose of the light lamp well out of the reach of children.

4. SHOWER & BATH UNITS

Your Bathroom will have the following equipment depending on the Bathroom type and the design of your Bathrooms.

4.1 [ATTITUDE BATH SHOWER MIXER \(A5603 AA\)](#)



The Bath shower unit installed in your Bathroom is an Attitude Bath Shower mixer A5603 AA.

It's comprised of a shower rail for the shower head and a bath mixer with controls and thermostatic valve embedded.

The controls comprise a 2 way diverter for Bath or shower, a temperature controller and a pressure controller.

- Operation

- Step 1. Turn the Selection handle (top handle) clockwise for the shower handset or anti-clockwise for the bath rose.
- Step 2. Turn the Flow control handle (middle handle) anti-clockwise to increase the flow of water to the shower rose.
- Step 3. Turn the Temperature control handle (bottom handle) to increase/decrease the temperature. Clockwise for Cold Water, anti-clockwise for warmer water.
- Step 4. Return the selection handle to the upright position with the button on top to turn off the flow of water.

4.2 TT SHOWER VALVE & ATTITUDE FACEPLATE (A4613)

The shower mixer installed in your Shower room is a TT Shower mixer valve with an Attitude Faceplate + handles.

The controls comprise a Temperature controller and a pressure controller.



- Operation

- Step 1. Turn the Flow control handle (top handle) clockwise to increase the flow of water to the shower handle.
- Step 2. Turn the Temperature control handle (bottom handle) to increase/decrease the temperature. Clockwise for Cold Water, anti-clockwise for warmer water.

4.3 CONCEPT EASYBOX SLIM (A5879)



The Shower mixer unit installed in your Bathroom is a Concept Easybox Slim A5879.

It's comprised of a shower rail for the shower head and a shower mixer with controls and thermostatic valve embedded.

The controls comprise a temperature controller and a pressure controller.

- Operation

- Step 5. Turn the Selection handle (top handle) clockwise for the shower handset or anti-clockwise for the bath rose.
- Step 6. Turn the Temperature control handle (bottom handle) to increase/decrease the temperature. Clockwise for Cold Water, anti-clockwise for warmer water.
- Step 7. Return the selection handle to the upright position with the button on top to turn off the flow of water.

4.4 IDEALRAIN M3 SHOWER KIT (B9416)

The shower rail for the shower head installed in your bathroom/shower room is an Idealrain M3 Shower Kit B9416.

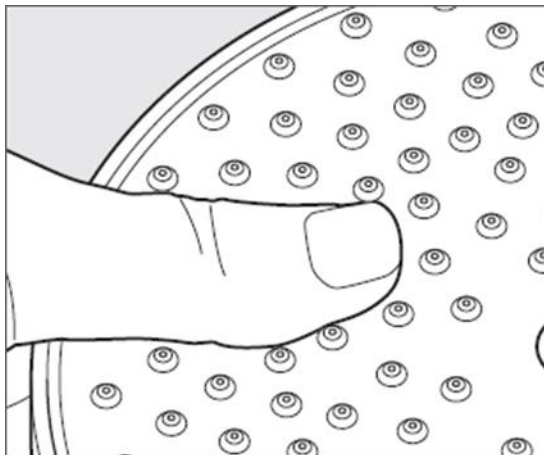
The Controls for these shower head are managed by the Shower or Bath Mixers from sections 5.1 to 5.3.



4.5 Cleaning

Taking Care of Your Shower Valve & Riser

We recommend cleaning the valve with a soft damp cloth. We strongly advise against the use of ALL cleaning products.



Shower Rose & Handset

Your shower rose and handset has rub clean nozzles for easy cleaning. Rub your fingers across the rubber nozzles to remove any scale or debris. If you live in a hard water area you might have to repeat this procedure regularly.

5. FAQ

5.1 Operate your Heating

- **What is a Thermostat and where is it located?**

Thermostat (Room stat) is a component, which is the main control unit for the heating system. Thermostat is located on the wall in the different rooms. In case the programme included is not suitable for you, you can set up your own weekly program of heating and hot water supply. If you want to learn more about your Thermostat and its setting, please go to page number 4.

- **My apartment is too hot/cold. How can I increase/decrease the temperature in my apartment?**

If you set up your program, but suddenly you feel your apartment is too cold/too hot, you can change the temperature only for few hours without changes in the actual program. For more information, how to boost (increase/decrease) the temperature in your apartment, please go to page number 4.

NOTE: If you have any problem with the Thermostat, please contact InstaCoustic by calling to [+44 \(0\)118 973 9560](tel:+44201189739560).

NOTE: If you have any problem with the HIU, please contact EON by calling to [+44 \(0\) 345 052 0000](tel:+44203450520000).

5.2 Home Air Circulation Fan

- **What is MEV/MVHR and where is it located in my apartment?**

In your apartment is MVHR (Mechanical Ventilation and Heat Recovery). It's working automatically and nonstop and you don't have set anything. When the humidity of the internal air raises over 60%, MVHR is boosted itself.

MVHR is removing used humid air out of your apartment while it keeps the heat and use this heat to warm up the cold fresh external air blown inside.

Your MVHR is located in the Utility cupboard in your apartment on the wall.

- **Is my MEV/MVHR air – conditioning/heating?**

No, MEV and MVHR is not air-conditioning or heating. For more information, please go to page number 9.

- **Why my MEV/MVHR doesn't make any noise?**

MVHR is working nonstop 24hours 7days per week. Manufacturers are trying to design the system which produces as less noise as it is possible. MEV/MVHR is not supposed to do almost any noise.

- **Do I have to clean/change the filter of MEV/MVHR?**

Manufacturers recommend cleaning the filter every 6 month. For cleaning the filter, you can use a Hoover. For more information about Filter and its cleaning, please go to page number 11.

5.3 Apartment Lamps & Lights

- **Lights don't work. What should I do?**

If all your lights don't work at all, please go to your Utility cupboard and check the Fuse box (CCU) and the positions of the switches inside of it. Position UP is on, position DOWN is off. All switches are labelled. If Lights switches are OFF (position DOWN), please turn them on (flick it to the UPPER position). Lights should work now.

If only one or few lights are not working, please, go to page number 15. Most likely you need to change the LED light. Please don't forget, Safety First!

- **What should I do before I start to change the light in the lamp?**

When you just have found out you need to change the LED light in the Light fitting, please, don't forget – Safety First! Before you start changing your light, please, go to page number 15, and read the instructions to make sure, you do it safely and correctly to avoid any injuries or damages. Electricity is a dangerous matter!

- **How can I change the light in the lamp?**

After you have read the instructions, switched the power off and allowed the lamp to cool down, you can now change your light. Please, go to page number 15 and read the manual Step by Step.

- **Which type of LED light do I need?**

All downlights in the living room, kitchen, bedrooms and bathrooms are different lamps of LED lights. Some of them are GU10 Orlight lamps, B22 Phillips LED lamps or even special OSRAM LED lamps. For more information about the Lights, please go to page number 13.