

LONDON

CITY ISLAND



Montague House & Albion House

**APARTMENT SERVICES
QUICK STEP GUIDE
USER MANUAL**



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1. Operate Your Heating & Hot Water

Room Heating Controller – Evinox (ModuSat TP)

You can find information over the following pages about how to operate the ViewSmart Room Controller in your home.

Description of System

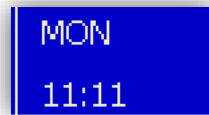
Home Screen & Buttons



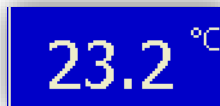
Comfort mode

Home screen information shown clockwise

1. Day and Time



2. Current Room Temperature



3. Current Mode






4. Alarms (Any Alarms Will be Shown Here and the Red LED Light will be ON.)



-

Key to Symbols

The following symbols are displayed in the bottom left hand corner of the home screen and indicate the current system status –

-  Circle Symbol - System Idle
-  Radiator Symbol - System in Heating Production
-  Tap Symbol- System in Hot Water Production

The following symbols are displayed next to the date and time on the home screen –

-  Clock Symbol - This will be displayed when a Time Schedule is activated
-  Holiday symbol - This will be displayed when a Holiday Schedule is activated

Description of Operating Modes

Comfort (ON)

Comfort mode should be set to the room temperature required when the home is occupied. (Recommended temperature set point is 21°C)

ECO

ECO mode should be set to the minimum room temperature required when the home is not occupied. (Recommended temperature set point is 15°C)

DHW Comfort (Domestic Hot Water)

Domestic Hot Water (DHW) Comfort mode ensures that the hot water plate heat exchanger within your ModuSat heat interface unit remains at a set temperature to optimise the production of your hot water. The Comfort temperature is factory pre-set at 55°C and we recommend you do not adjust this setpoint. (DHW Comfort mode ensures instantaneous hot water delivery)

DHW ECO (Domestic Hot Water)

Domestic Hot Water (DHW) ECO mode can be set to a lower temperature than the DHW Comfort mode for periods when the home is unoccupied. We recommend that the ECO temperature is set at 25°C for apartments and 20°C for houses. (DHW ECO mode uses less energy but there will be a slight delay in hot water delivery to the tap)

Anti-freeze (Frost)

Anti-freeze (Frost) is factory set at 10°C. This mode should be selected to provide frost protection when the property is unoccupied for long periods. (Note: Anti-freeze (Frost) disables the heating mode unless the temperature falls below the set 10°C)

OFF

This mode turns off the Heating & Hot Water. (Please be advised when OFF mode is selected this provides no protection against frost)

AUTO

The Auto mode must be applied to activate any Time Schedules that have been created. (See Time Schedule Programming Page 9 for further information)

Quick-set the heating from the Home Screen

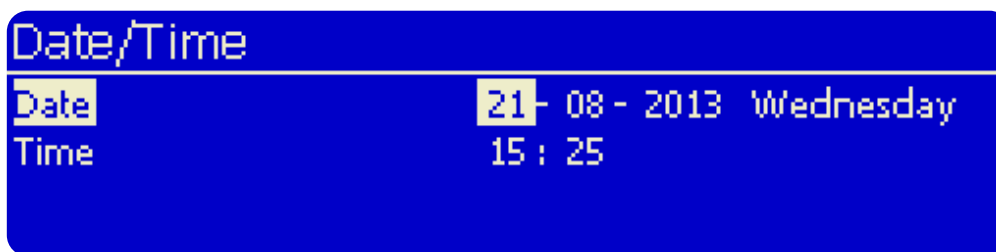
From the Home screen you can use the Plus & Minus buttons to increase or decrease the required room temperature. If you increase the temperature above the current room temperature this will activate the heating. If you decrease the temperature below the current room temperature and the heating is on it will be turned off. (Not applicable when the unit is in OFF mode)

User Quick Setup Guide



Time & Date

Setting the Time & Date

1. Press the **Home** button to view the Main Menu.
2. Select **SYSTEM** by scrolling down using the – **button** and pressing the **Right Hand Scroll** button to enter the menu.
3. Select **DATE/TIME** using the **Right Hand Scroll** button to enter the next screen.
4. Here is an example showing the **DATE /TIME** Screen, where you can make changes using the **Right Hand Scroll** button and the **+ & - buttons**.
5. Press The **ENTER BUTTON**, while each value is highlighted, to save each change.



How to Turn Your Heating ON / OFF

1. From the Home screen you can use the **Plus & Minus** buttons to increase or decrease the required room temperature.
2. **To turn the heating ON** – Press the **+ button** to increase the temperature above the current room temperature this will activate the heating.
3. The Radiator symbol will be displayed when the heating is on – 
4. **To turn the heating OFF** - Press the **- button** to decrease the temperature below the current room temperature and the heating will be turned off.
5. The System Idle symbol will be displayed when the heating has been turned off – 
(You do not need to press the Enter button to save changes).

How to Programme Your Heating Schedule(s)

(The controller can be set to programme the heating for weekly, daily and weekend schedules.)

1. Press the **HOME** button to view the Main Menu.
2. Select **SCHEDULES** by scrolling down using the **- button** and pressing the **Right Hand Scroll** button to enter the menu.
3. Scroll down using the **- button** and select **HEATING**. Press the **Right Hand Scroll** Button to enter the next screen.
4. Use the **Right Hand Scroll** Button to highlight the values and the **+ & - Buttons** to scroll through the Days, Times and Modes
5. **For heating ON Select COMFORT mode.**





(The example shows a schedule for the Heating to be switched ON Mon - Fri between 7am-9am)

6. Press the **ENTER** button, while each value is highlighted, to save each change.
7. Set to **Auto Mode**. You must select the **AUTO** operating mode, as per the instructions below, to activate the time schedule programme.

Set AUTO Mode

1. Press the **HOME** button to view the Main Menu.
2. Select **USER SETTINGS** using the **Right Hand Scroll** Button.
3. Select **MODE** by scrolling down using the **- button** and press the **Right Hand Scroll** button to enter the Mode menu.
4. Select **HEATING MODE** using the **Right Hand Scroll** and then the **+ and - buttons** to scroll through to **AUTO**.
5. Press the **ENTER** button, while the mode is highlighted, to save the change.

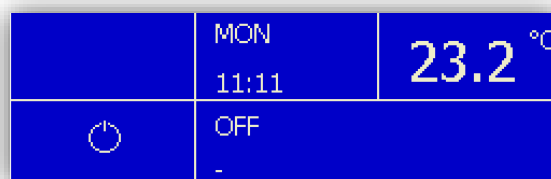
HIU Unit Settings

System Settings

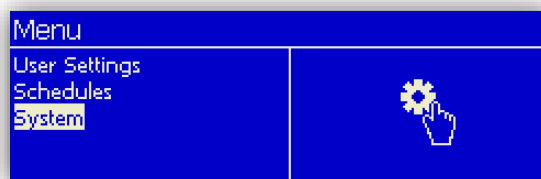
(Here you can view general system settings such as the date and time, language and system information.)



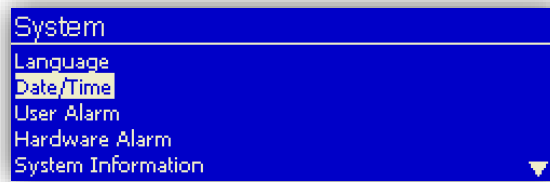
1. From the Home Screen - Press the Home button to view the Main Menu.



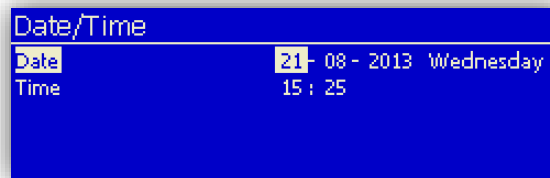
2. Scroll down using the - button and select "System" using the Right Hand Scroll button.



3. Scroll up and down using the + & - buttons and select the required item using the Right Hand Scroll Button to enter the next screen.



4. Here is an example showing the Date / Time Screen, where you can make changes using the Right Hand Scroll button and the + & - buttons. **Press the Enter button, while each value is highlighted, to save each change.**

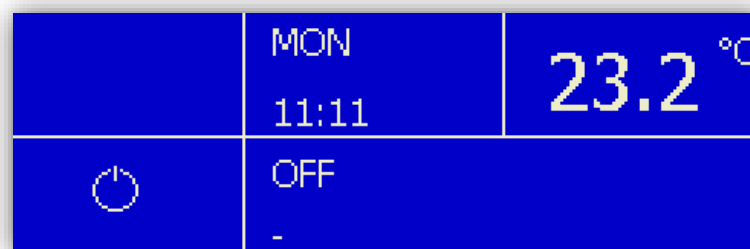


System Information

(Here you can view information about the heating and hot water system.)



1. From the Home Screen - Press the **Enter** button to view the “System Information” screen.



2. Scroll up and down using the + & - buttons to view the system information.

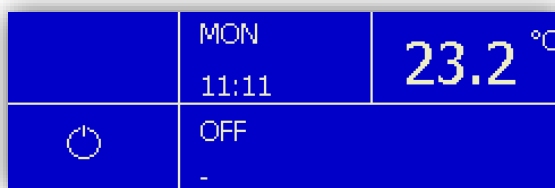
System Information	
Primary Circuit Supply Temperature	-10.0 °C
Primary Circ Return Temperature	-10.0 °C
Primary Flow Rate	0 m3/h
DHW Supply Temperature	25.0 °C
DHW Valve Position	0 % ▼

Temperature Setting

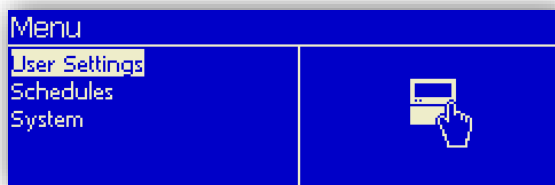
(This operation allows the user to set the temperature set point for Comfort, ECO, Anti-freeze, OFF, KWF Comfort and KWF ECO, which can follow the daily or weekly set time schedule, or be set to run 24/7..)



1. From the Home Screen - Press the Home button to view the Main Menu.

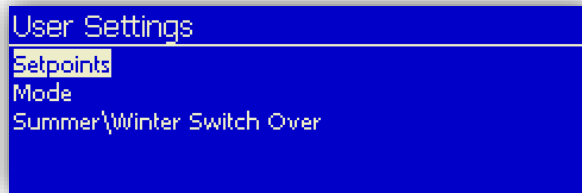


2. Select "User Settings" using the Right Hand Scroll Button.



3. Select "Set points" using the Right Hand Scroll Button.

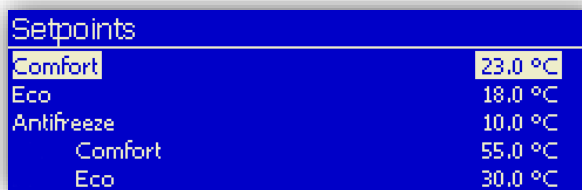
Please note: Summer\Winter Switch Over is only applicable to Heating & Cooling models.



4. Use the + & - Buttons to scroll up and down the menu and select the Mode you wish to adjust. Use the Right Hand Scroll button to highlight the temperature and the + & - Arrows to increase or decrease the temperature setting.

Press the Enter button, while the temperature is highlighted, to save the change.

Press the Home button to return to the Home screen.

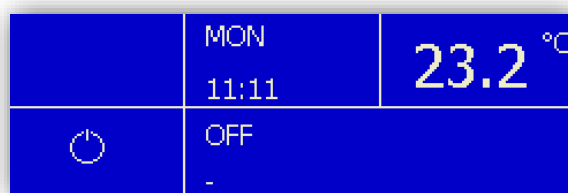


Selecting an Operating Mode

(This operation allows the user to set the operating mode for the Heating & Hot Water: Comfort, OFF, Antifreeze, ECO, Auto, KWF Comfort and KWF ECO.)



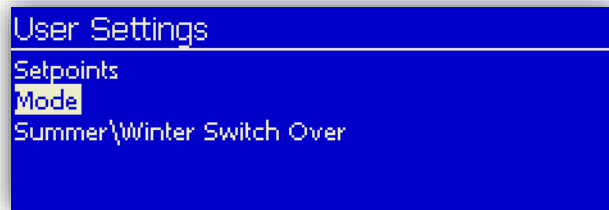
1. From the Home Screen - Press the Home button to view the Main Menu.



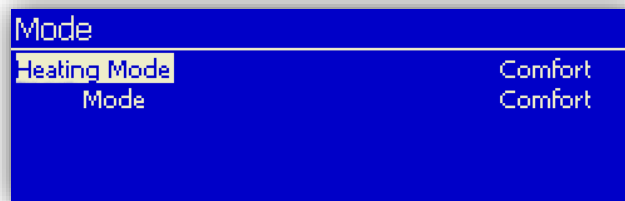
2. Select "User Settings" using the Right Hand Scroll Button.



3. Select "Mode" by scrolling down using the – button and press the Right Hand Scroll button to enter the Mode menu.



4. Here you can change the Mode for the Heating or Hot Water by using the Right Hand Scroll and then the + and – buttons to scroll through to the desired mode. (Note: when Comfort mode is selected the system runs 24/7 as per the setpoints). **Press the Enter button, while the mode is highlighted, to save the change.** Press the Home button to return to the Home screen.

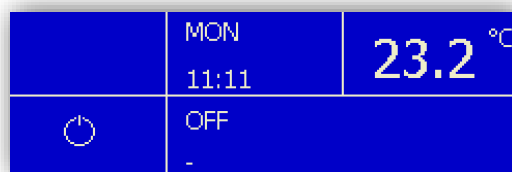


Time Schedule Programming

(The time schedule can be set to control the Comfort, Antifreeze, ECO, OFF, Auto, KWF Comfort and KWF ECO operation of the system. Weekly, daily and weekend schedules can be set.)



1. From the Home Screen - Press the Home button to view the Main Menu.



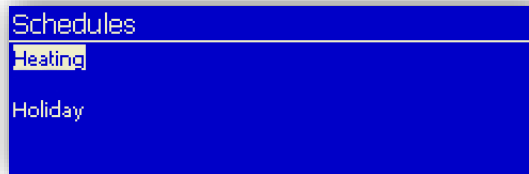
2. Select "Schedules" by scrolling down using the – button and pressing the Right Hand Scroll button to enter the menu.



3. Scroll using the + & - buttons and select the required Schedule (Heating, DHW or Holiday).

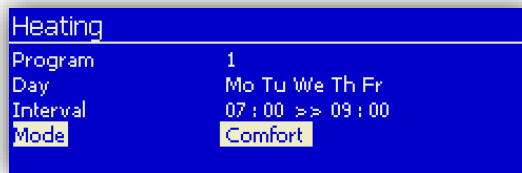
Press the Right Hand Scroll Button to enter the next screen.

(Please note: When a Holiday Schedule is activated this automatically overrides the Heating & Hot Water Time Schedules).



4. Here you can create a schedule. Use the Right Hand Scroll Button to highlight the values and the + & - Buttons to scroll through the Days, Times and Modes. (The example above shows a schedule for the Heating to operate in Comfort Mode Mon - Fri between 7am-9am)

Press the Enter button, while each value is highlighted, to save each change. Press the Home button to return to the Home screen.



8. Set to **Auto Mode**. You must select the **AUTO** operating mode, as per the instructions below, in **“Selecting Operating Modes”**, to activate the time schedule programme. (For example, if you have selected a Time Schedule Programme for your heating you must select **“AUTO”** mode for the Heating in the **“Mode”** screen).

Set AUTO Mode

1. Press the **HOME** button to view the Main Menu.
2. Select **USER SETTINGS** using the **Right Hand Scroll** Button.
3. Select **MODE** by scrolling down using the **- button** and press the **Right Hand Scroll** button to enter the Mode menu.
4. Select **HEATING MODE** using the **Right Hand Scroll** and then the **+ and - buttons** to scroll through to **AUTO**.
5. Press the **ENTER** button, while the mode is highlighted, to save the change.

HIU Unit Checks

Check the Pressure of Your System – When It Drops Below 1.5 Bar Pressure

In order to maintain the correct working pressure within your HIU Unit, the home owner should check the reading on the Pressure Gauge dial (manometer) displayed on the unit. Failure to maintain this correct idling and working pressure could result in your HIU Unit not performing to its manufacturing standards and could cause permanent damage to the Unit.

This Pressure Gauge dial is located within your apartments HIU cupboard and located to the front of the HIU Unit. (Please see figure 3.1).

- The correct system gauge idling pressure reading when cool, should be between 1bar and 1.5bar.
- The correct system gauge working position when the system is Hot, should be maintained between 1.5bar 2 bar.

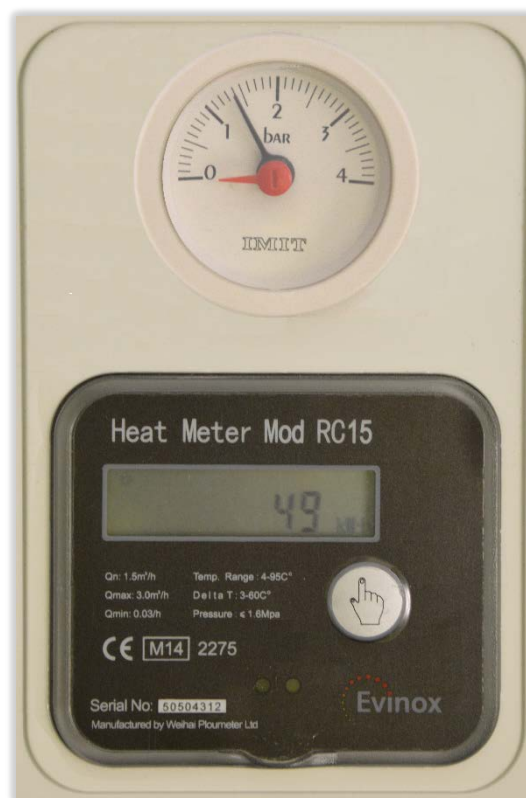


Figure 3.1 (HIU Pressure Gauge - manometer)

How to Increasing the Pressure of Your HIU Unit

Your HIU unit should be set to the limits as listed below to achieve its optimum working pressure:

- When the heating system is cool, the pressure should be between 1 and 1.5 bar on the pressure gauge.
- If pressure is below 0.5 bar, water has been lost from the system and must be replaced. (Note: The gauge could also indicate the pressure being too high - approximately 2.5 bar or more).
- If the pressure gauge indicates high pressure as a result of over filling, you will need to bleed a radiator until the pressure gauge returns between 1 and 1.5 bar. (Please see section on: *Decreasing the Pressure of Your Unit*).

If the pressure (bar) values go below the optimum working pressure you can increase the pressure of the system by use of a bypass loop, connected at the top of the HIU unit.

Procedure:

Please carry out the following steps only if you are competent and trained to do so:

- Step 1. Please ensure you use the correct PPE (Personal protective equipment):
 - Safety glasses
 - Appropriate hot works gloves
 - Additional safety equipment where applicable
- Step 2. Please use a safe raised working platform and do not stand, kneel or ever use the HIU cupboards shelf as a working platform.
- Step 3. Above the HIU unit there is a Valve Kit installed (Please see figure 3.3). There are multiple Valves present. Locate the valves and make sure the valves are in their closed position, i.e. in their anticlockwise position.
- Step 4. Remove the caps A and B by unscrewing them counter clockwise (Please see figure 3.4).



View above HIU unit, the closed valves with caps (A) and (B)



Turn the cap anticlockwise to loosen it and remove.



The pipe caps will get hanging from the valves

Step 5. Connect the filling loop provided, by screwing both ends onto valves (A) and (B), in a clockwise rotation.



Screwing clockwise the first end pipe



Screwing the second end pipe

Step 6. When you have fitted the filling loop and it has been fixed into position, it should resemble the picture below.



Step 7. Once you have the filling loop pipe connected:

- You open the right hand valve first,
- Then once you have the valve in its fully open position, you begin to open the left hand side valve in a slow anticlockwise motion.
- You will hear water begin to fill in through the pipe (filling loop) and into the HIU system.
- You will need to keep a close watch on the pressure indicator (bar gauge) as the pressure begins to rise (Please see figure below).
- When the pressure reaches 1.5bar, close the left and right valves simultaneously. Unscrew the filling loop and return the valve caps to their original position. Store the filling loop safely into its original position for ease of use if required again in the future.



Decreasing the Pressure of Your Unit

If pressure rises by more than 1 bar when the heating is up to temperature, then the expansion vessel may require repressurising. This will require a service engineer. The pressure in the system will usually require topping up once or twice a year. If you are having to repressurise your heating system much more frequently, please contact your installer.

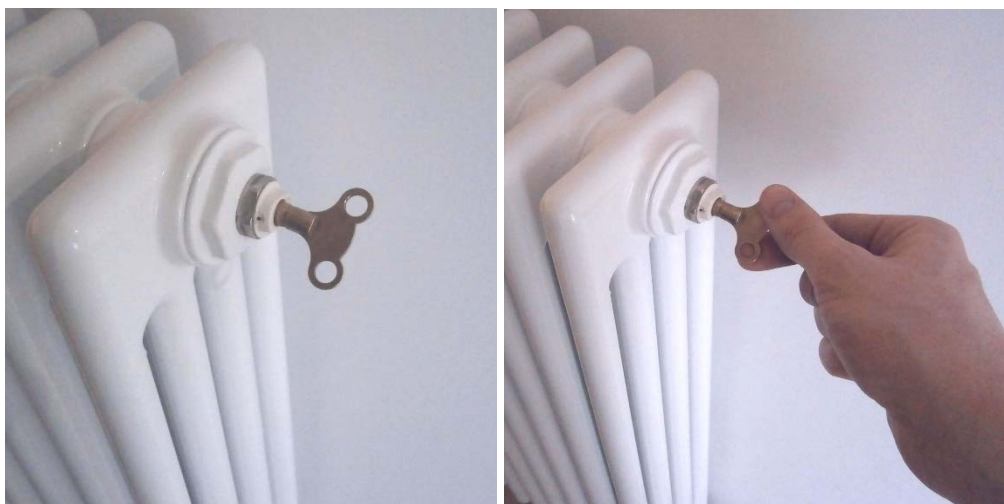
- Step 1. In order to get your unit at the optimum pressure, you can decrease the pressure of the HIU system by removing some water/air from the systems radiator.
- Step 2. You need to position a bucket below the valve of the radiator (Note: Please use a suitable cloth for any unexpected spillages).
- Step 3. Position the bucket under the valve where the pressure valve key is positioned.
- Step 4. Using the pressure release radiator key, slowly turn the key anticlockwise to release the water into the bucket, until you see the water flowing and the air being released.
- Step 5. You will then need to carefully control the flow of the water by turning the radiator key, which will in-turn release the pressure from the HIU unit.
- Step 6. When the pressure is at its optimum cold idling pressure level (1.5 bar), you can turn the radiator key in a clockwise rotation until the valve closes, which will end the process.

Bleeding Your Radiators (Optimal Efficiency)

If your central heating isn't warming your home properly, it could be because there are air bubbles trapped in the system. This is when you'd need to bleed your radiator. These bubbles prevent hot water from circulating effectively, so radiators aren't as hot as they should be and take longer to warm your home.

Step 1

Go to the first radiator and position a bucket under the valve.



Insert pressure valve key, slowly turn the key anticlockwise until air is released. You should hear a hissing noise so do not be alarmed as you are releasing trapped air from the system. Continue this process until all the air has been released. A small sum of water will spill into the bucket.

Remove the valve key, the process of bleeding removes air but also decreases the pressure of the heating system. The next step is to top up the pressure of the system.

Step 2

See Page 21 to top up the system pressure.

Step 3

Repeat steps 1 and 2 for the remaining radiators.

Technical Support

Contact details

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

01372 722 227 (Mon – Thurs 8am – 5pm & Fri 9am – 4pm)

08714 235 446 (Out of hours cover helpline)

2. Home Air Circulation Fan



Run Timer

The Home Air Circulation Fan Unit continuously runs a mechanical extract fan within each area of this apartment. Switching on the bathroom light will in-turn, turn on the light and also the Boost extract fan in the bathroom area. The boost extract fan will remain on as long as the bathroom light is turned on. On switching the bathroom light switch into the off position, the boost extract fan will remain active for an additional set time of 15 minutes and after this period turn into its off position.

In addition, there is a boost switch located within the Utility Cupboard. In boost mode the fan will extract an increased volume of air from the bathroom/s and kitchen area.

Important:

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

Routine Maintenance

All ventilation units require periodic maintenance. Routine maintenance must only be carried out by a suitably qualified and competent person. The CME2 Q Plus must be periodically cleaned internally. The maximum time between cleaning will depend on the local environment. Titon recommend the unit be cleaned every 3 – 4 years at a minimum.

In the event of any queries please contact the system installer. **WARNING:** The unit uses a 230V ~ supply and contains rotating mechanical parts. ISOLATE the unit from mains power supply and allow sufficient time for all moving parts to stop before undergoing any Servicing or 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.

Cleaning Interior

For best results use a clean damp cloth and mild detergent. Do not use solvents or abrasive cleaners. When cleaning the interior ensure that the humidity sensor does not get wet, dust with a dry cloth.

Cleaning Procedure for Your Air Circulating Fan

- Step 1. Please use the correct PPE (Personal protective equipment):
 - i. Safety glasses
 - ii. Appropriate hot work gloves
- Step 2. Please use a safe raised working platform and do not stand, kneel or ever use the HIU cupboards shelf as a working platform.
- Step 3. Turn off isolator switch located in the fuse box prior to commencing work (Please see figure 2.1).



Fuse box (Figure 2.1)

- Step 4. Remove the stopper from the Air Circulating Fan cupboard door (Please see figure 2.2).

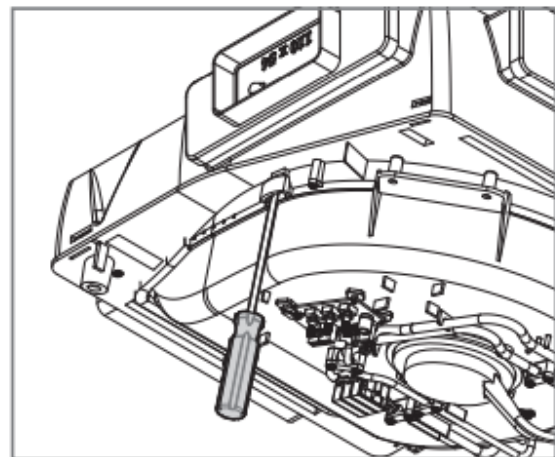
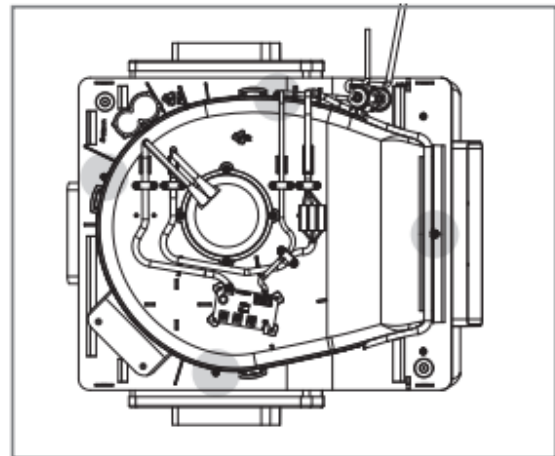
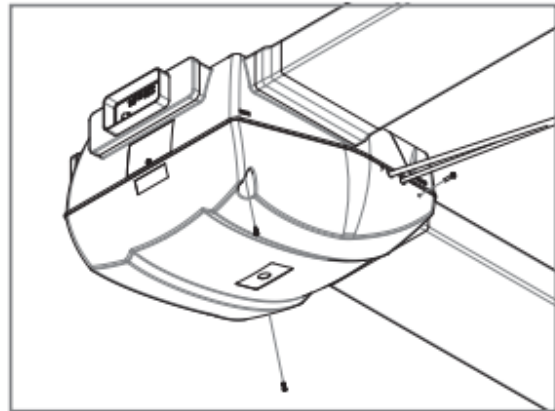


Air Circulating Fan Cupboard Door (Figure 2.2)

Access to The Interior for Cleaning

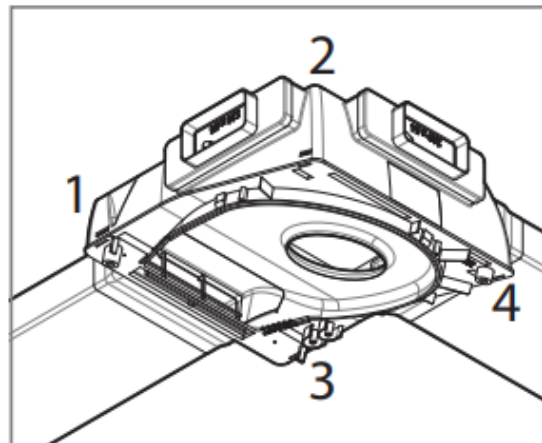
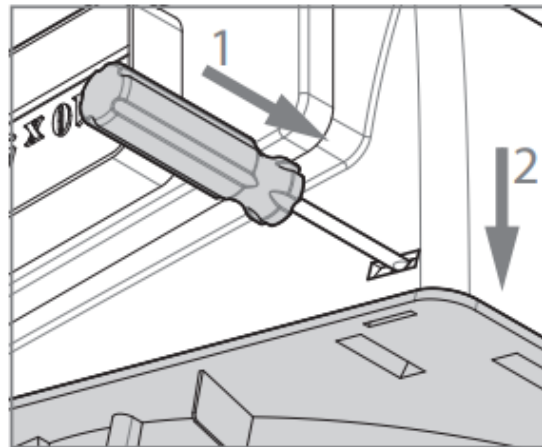
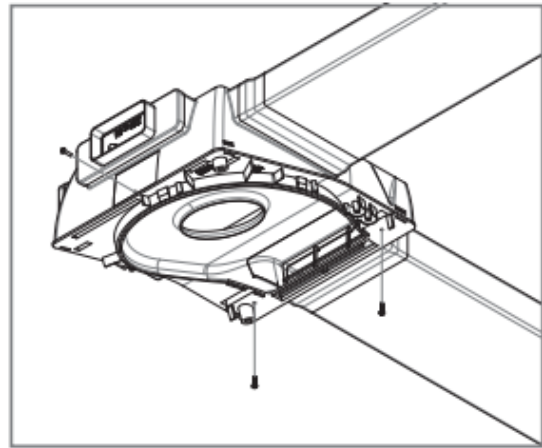
To gain access to the interior of the unit for cleaning –

1. Unscrew the 3 retaining screws that hold on the Cover and remove
2. Remove the 4 Scroll retaining screws.
3. Using a flat bladed screw driver, un-clip Scroll from Inlet Ring by disengaging the 3 retaining clips. Ensure that the Scroll is supported and does not strain the cables.



4. Remove the 3 retaining screws
5. Using a flat bladed screwdriver, un-clip the Inlet Ring from Base by disengaging the 4 retaining clips.
6. Carefully remove dust from the unit and fan blades using a vacuum cleaner.
7. Wipe with damp cloth and mild detergent.
8. Check fixing screws.
9. Assembly is the reverse of the preceding instructions.
10. Ensure all fasteners are secure before returning power to the unit.

Tighten screws by hand, DO NOT over tighten screws or use power tools.



Positions of Clips

Warranty

The 3-year warranty starts from the day of delivery and includes parts and labour for the first year. The remaining period covers replacement parts only. This warranty is conditional on planned maintenance being undertaken.

Technical Support

Contact Details

For more information on how to operate your Home Air Circulating Fan please call technical support on: **01206 713800**

3. Your Apartments Lamp

Product Description

The lighting installed in your apartment is an Orlight illumination light fitting. The fitting consists of a Die-Cast Aluminium fixture with anti-glare baffle including replaceable GU10 LED Engine. The units housing comprises of a simple magnetic lamp change mechanism for ease of maintenance. There is an Orlight black light effect for visual comfort. The unit features the latest in Sharp generation – 5W chipset ~ 3000K.

Light Fixture Components

Orlight Product



Orlight Lamp: GU10 240V 50W max

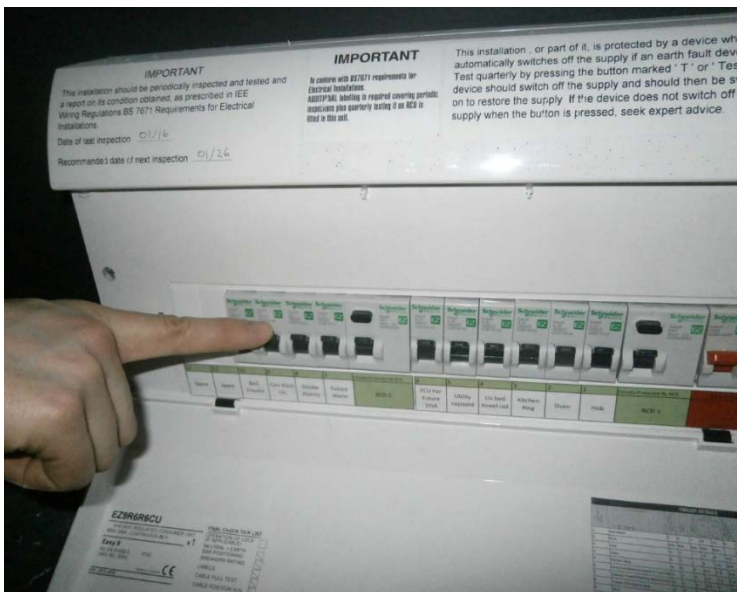
How to Change Your Lamp

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

Using your index finger and thumb, gently separate the magnetic inner fitting (ceiling light housing) from the downlight (lamp housing) by pulling it in a downward motion. This will release the magnetic mechanism within the housing and separate the housings of the light fitting (ceiling housing from the lamp housing). Continue this motion of moving the two housings away from each other and allow the cable to extend through the lights ceiling housing in your apartment. Please follow Steps Figure 4(a), (b), (c) and (d) below.



Step 4(a)



Step 4(b)



Step 4(c)



Step 4(d)

Step 4. Remove the Lamp

- Holding the lamp housing in one hand and the spring (Please see figure 5a), which holds the lampholder in place, in your other hand, gently remove the spring from the lampholder. Repeat this process on the second lampholder spring (Please see figure 5b).
- Separate the lamp and lampholder from the downlight (lamp housing).
- Hold lampholder with a firm grip and simultaneously clasping the lamp in a light but firm grip, turn the bulb in an anticlockwise quarter turn, to release the lamp from the lampholder fitting.



Step 5(a)



Step 5(b)



Step 5(c)



Step 5(d)

Step 5. Replace Lamp

1. With a new lamp in hand, insert the replacement lamp into the lampholder. Turn the bulb in a clockwise quarter turn.
2. Replace the lamp and lampholder into the downlight (lamp housing).
3. Holding the lamp housing in one hand and the spring, which holds the lampholder in place, in your other hand, gently replace the spring into the lampholder fitting. Repeat this process on the second lampholder spring.
4. Now you can begin to move the inner fitting (lamp housing) into the downlight fitting (ceiling light housing). As you move these two fixtures together, guide the electrical wire into the ceiling crevice. Once the two fixtures touch, they should hold together in a fixed position magnetically.

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 heating cupboard to it's on position (please refer to figure 1. below).

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.

Lamp Safety

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

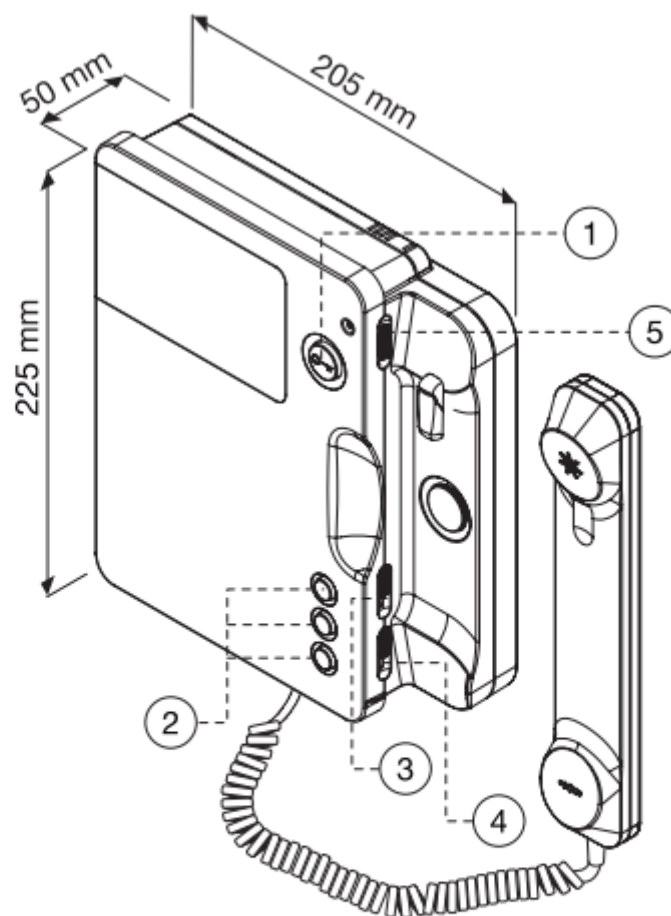
1. The wattage on the old used bulb and replace it with a new lamp of the same wattage.
2. Keep your fingers away from live electrical wires and do not put your fingers in the exposed light socket.
3. In the interest of health and safety, dispose of the light lamp well out of the reach of children.

4. Door Entry Phone

Product Description





The door phone control system within your apartment (Urmet Signo video monitor 1740/795) The video door phone SIGNO is designed to have a minimal extra-slim style. In fact, it is the slimmest on the market. Colour version with a 4" display. In addition to the door lock release button, SIGNO is equipped with 3 auxiliary buttons which can be programmed by the system. Features for the hard of hearing are embedded in the device

SIGNO DOOR PHONE FOR IPERVOICE



1. door lock release button
2. auxiliary buttons
3. colour adjustment command
4. brightness adjustment command
5. call volume command and adjustment

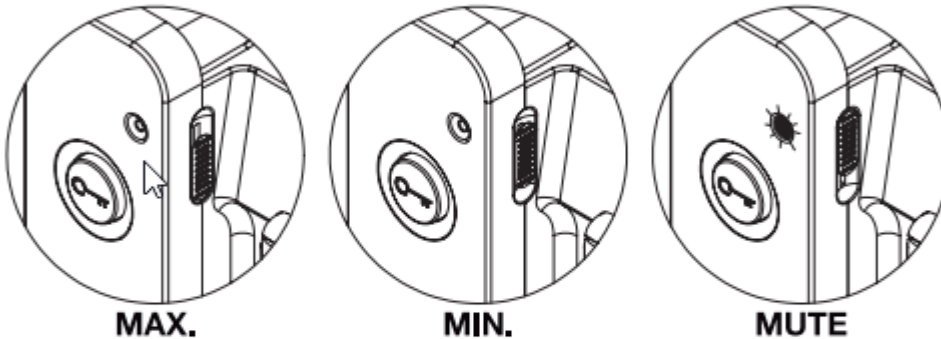
BUTTONS FUNCTION


Button State				
Idle and on-hook	Pedestrian door lock release	Driveway door lock release	Auto-on	Scroll video-memory
Off-hook waiting time	Pedestrian door lock release	Driveway door lock release	Video switching	Special function
Speaking	Pedestrian door lock release	Driveway door lock release	--	Special function
Idle and off-hook	Pedestrian door lock release	Intercom call (default: not programmed)	Intercom call (default: switch board call)	Intercom call (default: not programmed)




CHARACTERISTICS

The main video door phone characteristics are the following:

- 4" colour flat video module
- Call volume adjustment and mute function. When "Mute" function is active, the light on the front panel is red.



 *With volume adjustment in "Mute" position, the video door phone does not emit the call ring tone, but the video module turns on.*

- Door lock release button backlit by leds when the video module is turned on.
- Service buttons ( ,  , ) for additional functions: intercom calls, video door phone auto-on, video switching, etc.

FEATURES

CALL RECEIVING AND VIDEO TRANSFER FUNCTION

When a call is received, the user apartment station rings with the programmed tone, according to the source:

- From main door unit
- From secondary door unit
- From Intercom
- From floor call
- From switchboard

When receiving a video door phone or door phone call, the door unit electric lock can always be activated, also without starting a conversation.

If in the apartment there are more apartment stations in parallel, the stations ring in sequence. If the call comes from a video door phone call station, the internal code with INT=0 of the user also switches the video door phone on.

In this case, during off-hook waiting time (60s starting from the call), the other internal codes can switch their video door phone on by pressing the auto-on button ● (‘video transfer’ function), until a video door phone of the called user answers.

If the image is already displayed, press the button ● to display cyclically the images coming from the surveillance cameras of the calling station only.

After picking up the handset or audio activation in case of hands-free stations, the image coming from the main camera will be displayed only on the apartment station which has answered.

So the image is always displayed on a single apartment station.

AUTO-ON

If the apartment station is in standby mode, press the button ● on the video door phone to perform an auto-on function.

Press the button again to cyclically display the picture from the surveillance cameras installed in the main door units in the system and the secondary door units of the column to which the device belongs. By picking the handset up the user starts a conversation with the selected call station. With audio conversation active, the user can open the door at any time.

INTERCOM CALLS

After programming an apartment station button for intercom function, activate audio by picking the handset up. Then press the intercom call button.

The following cases can occur, according to column state:

- Column free: the calling apartment station emits a confirmation tone (2 beep) and the called apartment station rings. When the user picks the handset up, the conversation can start.
- Column busy: the apartment station emits an alert tone (4 fast beeps). Hang up and try again later.

FLOOR CALL

Apartment station is provided with two terminal pins (CP) used to connect the floor call button. If the button is pressed, the apartment station emits a 3s ring, according to the selected call ring tone. If the user has several apartment stations in parallel, connect this button only to one apartment station. However, apartment stations will ring in sequence.

ADDITIONAL RINGER

Apartment stations are provided with two terminal pins (S+, S-) used to connect an additional ringer or a relay. This ringer is activated at the same time as any call ring tone.

OPTIONAL PROGRAMMING

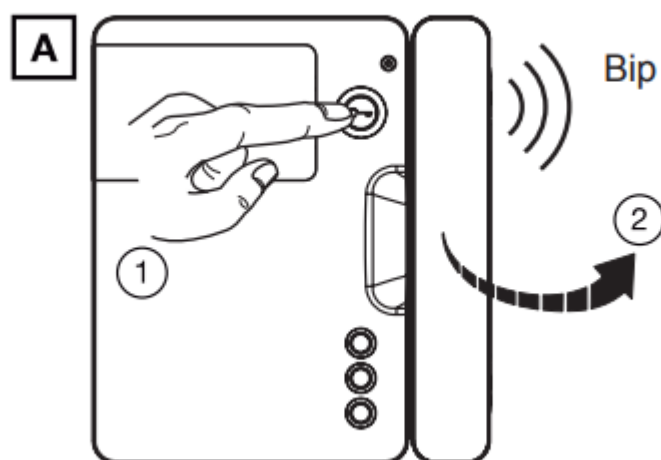
The following programming operations are needed after testing the basic operation of the system, only if are required.

INTERCOM FUNCTION

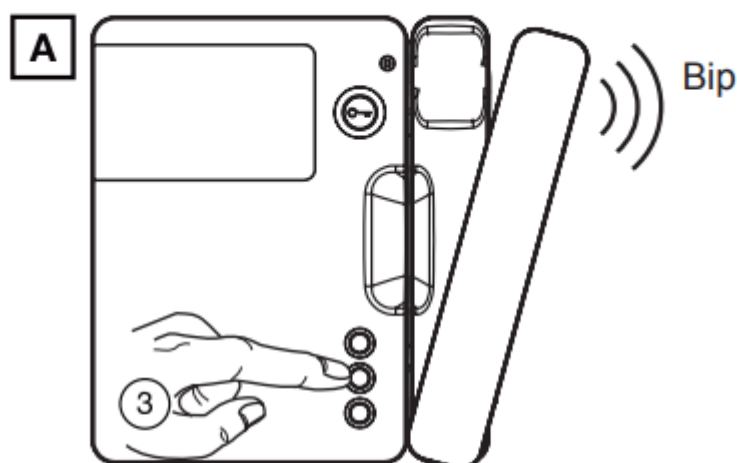
In 2VOICE system, an apartment station button (●, ●●, ●●● or buttons 1÷6 on add-on buttons unit Ref. 1083/96) can be programmed to call another user of the same column or to call another internal code of the same apartment station. In the first case, all the internal codes of the called user will ring; in the second case, only the internal code specified in programming will ring.

INTERCOM FUNCTION BETWEEN DIFFERENT USERS

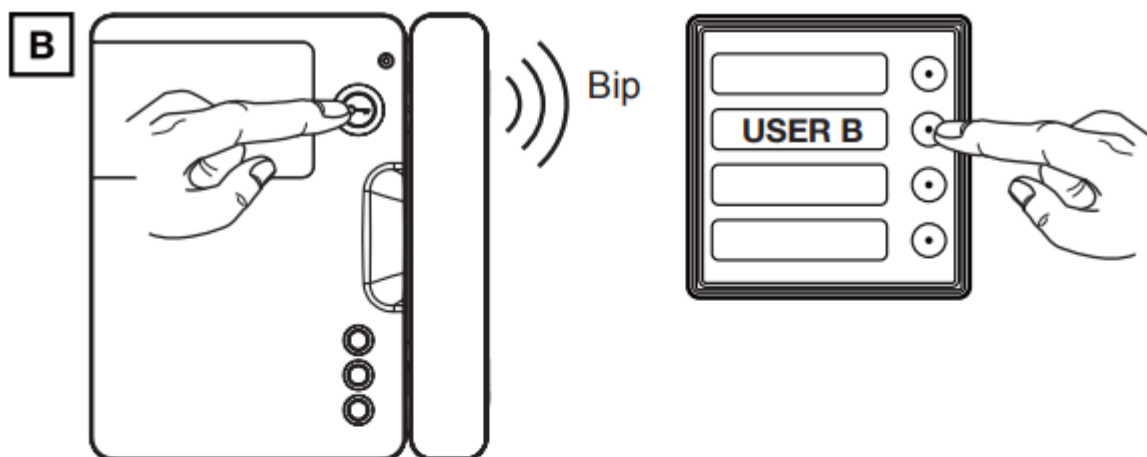
- Go to the apartment station to be programmed as caller (apartment station A).
- Keeping the door lock release button pressed, pick the handset up. The apartment station A emits a beep to signal the access to programming mode.




- Press the button to be programmed; the apartment station emits a confirmation tone.



- Go to the user to be called by that button (user B) and press the door lock release button. The apartment stations emit a beep to indicate that they have been programmed. Alternatively, go to a call station and press the call button of user B; the apartment station in programming mode (A) emits a beep to signal that it has been programmed. At the same time, user B apartment stations ring. Ignore this call.

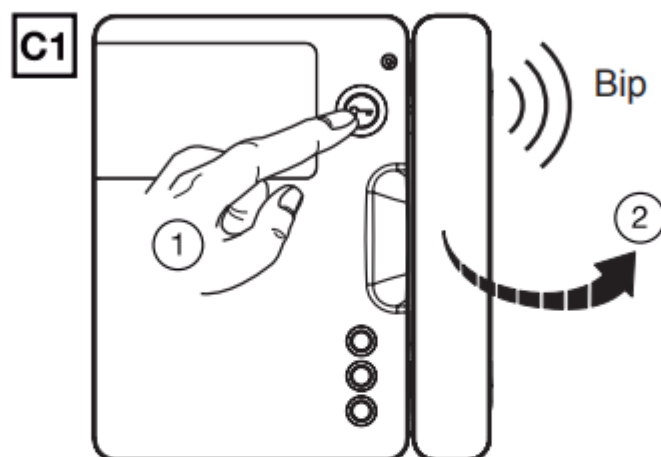


- Hang up the handset of the apartment station A, that emits a beep to indicate the exit from the programming mode.
- Check the programmed function: pick up the handset A and press the programmed button. All user B stations ring; when answering, the communication is activated.
- If you want to program also the inverse call, it is necessary to program the apartment station B for the call to the apartment station A.

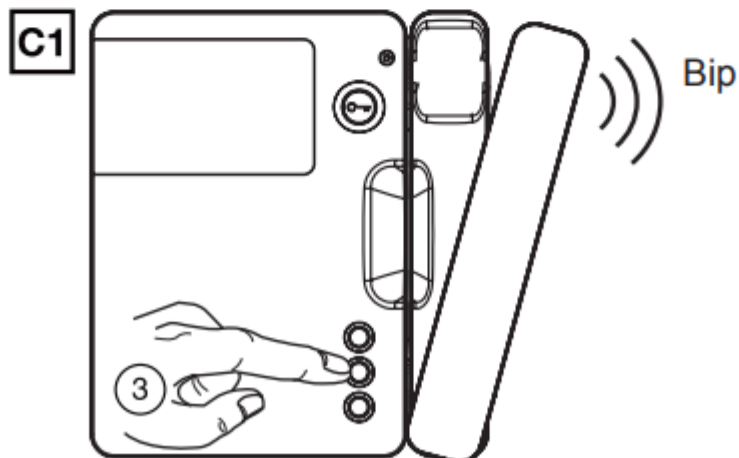
 *If buttons are programmed for this function, the other functions are not lost, because the intercom call is performed keeping the **handset picked up**.*

INTERCOM FUNCTION IN THE SAME APARTMENT

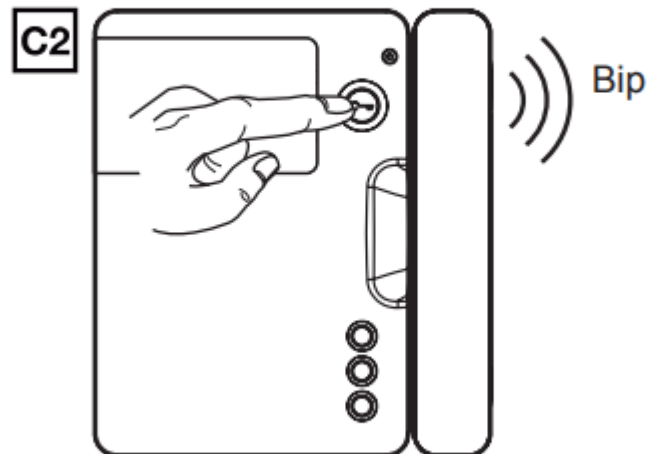
- Go to the apartment station to be programmed as caller (apartment station C1).
- Keeping the door lock release button pressed, pick the handset up. The apartment station C1 emits a beep to signal the access to button programming mode.




- Press the button to be programmed; the apartment station C1 emits a confirmation tone.



- Go to the apartment station to be called by that button (apartment station C2) and press the door lock release button. The apartment stations C1 and C2 emit a beep to indicate that they have been programmed.





- Hang up the handset of the apartment station C1, that emits a beep to indicate the exit from the programming mode.
- Check the programmed function: pick up the handset C1 and press the programmed button. The apartment station C2 ring; when answering, the communication is activated.
- If you want to program also the inverse call, it is necessary to program the apartment station C2 for the call to the apartment station C1.

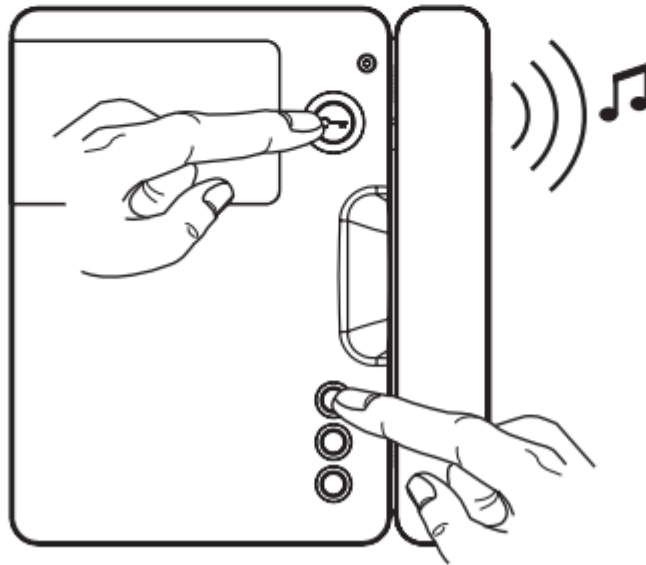
 *If buttons are programmed for this function, the other features are not lost, because the intercom call is performed keeping the **handset picked up.***

CALL RING TONE PROGRAMMING

In 2VOICE system each user can select the video door phone call ring tone and the floor call ring tone among the 5 available ones.

DOOR PHONE CALL RING TONE

- By keeping the door lock release button pressed, press and release the button .
- The apartment station emits a call ring tone.
- By keeping the door lock release button pressed, press again the button  to change the call ring tone.
- When the call ring tone has been selected, release the door lock release button.
- The call ring tone is programmed.





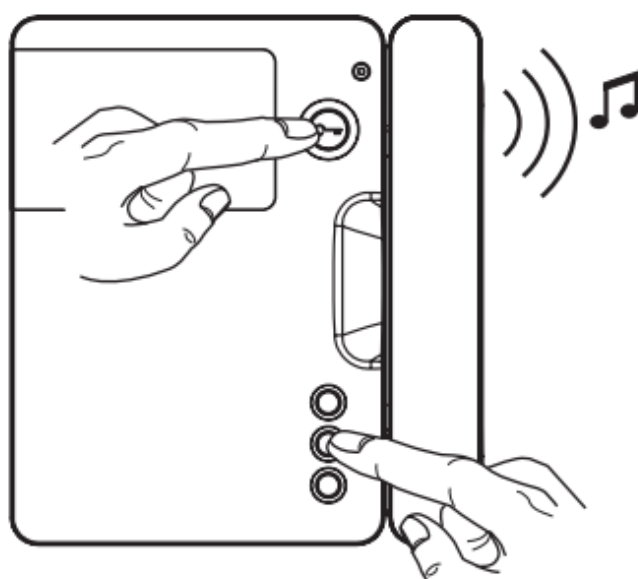
The selected call ring tone is the same for all door phone calls. However, the call ring tone source can be identified thanks to the call ring tone timing.

The selected call ring tone is the same for all door phone calls. However, the call ring tone source can be identified thanks to the call ring tone timing.

Call source	Time	Ring total duration
Main call station	3 s ON	3 s
Secondary call station	0,4 s ON 0,2 s OFF for 5 times	2,8 s
Intercom	0,5 s ON 0,5 s OFF for 3 times	2,5 s
Switchboard	0,1 s ON 0,05 s OFF for 3 times pause 0,2 s repeated for 5 times	2,8 s

FLOOR CALL RING TONE

- By keeping the door lock release button pressed, press and release the button  .
- The door unit emits a ring with a ring tone.
- By keeping the door lock release button pressed, press again the button  to change the call ring tone.
- When the call ring tone has been selected, release the door lock release button.
- The call ring tone is programmed.



PROGRAMMING DATA DELETING

To delete all optional programming data (intercom call codes), perform the following operations:

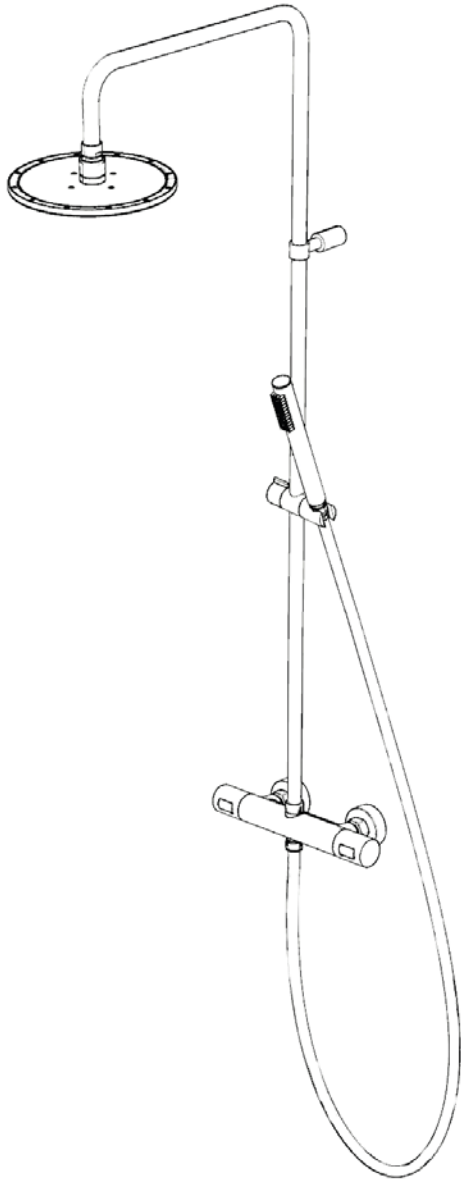
- By keeping the door lock release button pressed, pick the handset up.
- Press at the same time the buttons ● and ● and keep them pressed for 3 seconds until a tone confirming the deletion is emitted.
- Release the buttons ● and ● and hang the handset up.



The deleting procedure does not change the previously selected call ring tones.

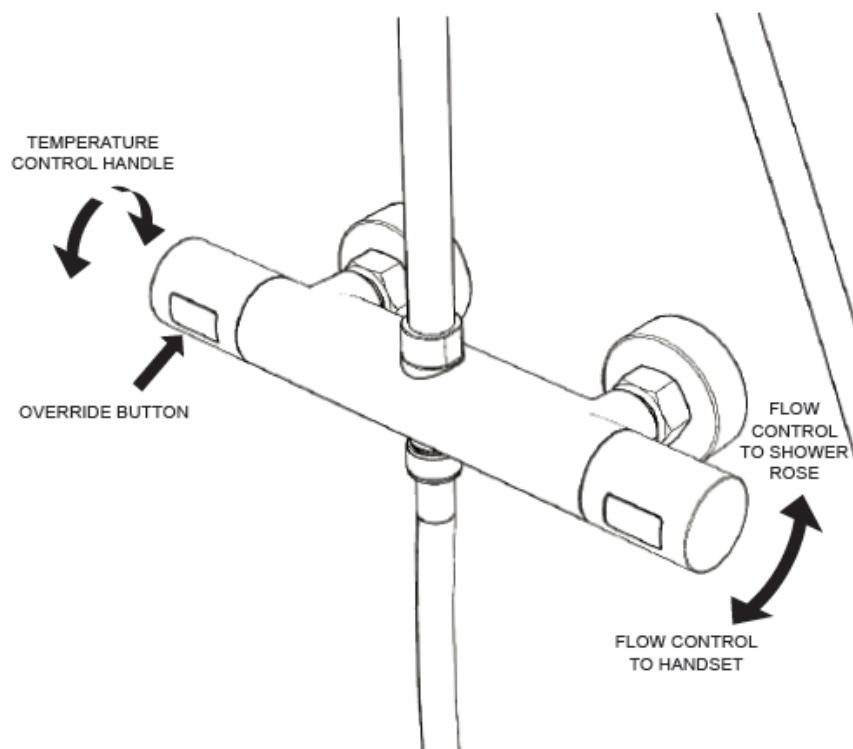
Warning: when programmed data are deleted, also the column code will be deleted; it will be automatically acquired after about 5 minutes.

5. Shower Unit RM530WC+



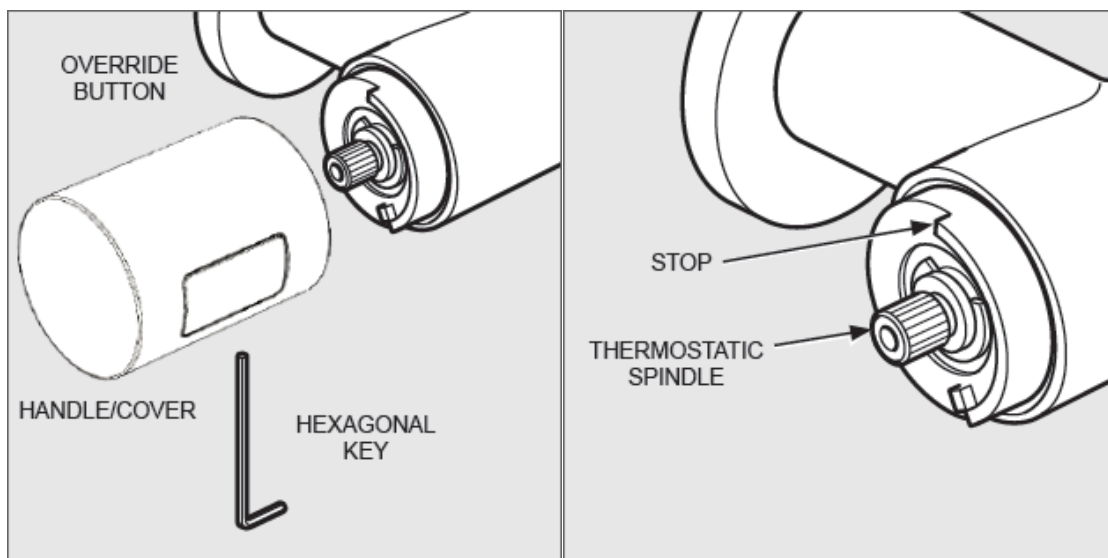
Operation

- Step 1. Turn the Flow control handle away from you to increase the flow of water to the shower rose.
- Step 2. To divert the water to the handset press the button and turn the control handle towards you.
- Step 3. Return the control handle to the upright position with the button on top to turn off the flow of water.
- Step 4. Turn the Temperature control handle to increase/decrease the temperature.
- Step 5. Push down on the Override button and turn the handle towards you to override the set temperature
- Step 6. To change the set temperature, please see section next section on Temperature Setting.



Temperature Setting

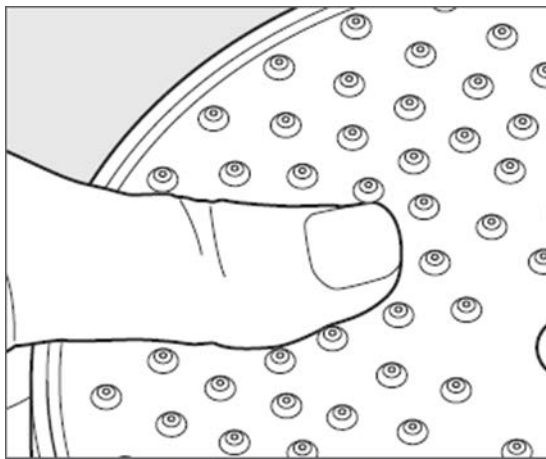
- Step 1. Removing the handle/cover - unscrew (but do not remove) the hexagonal grub screw the underside of the handle/cover, pull off the handle/cover.
- Step 2. Rotate the exposed thermostatic spindle (clockwise for cold, and anti-clockwise for hot) until the maximum desired showering temperature is set (38°C - suggested maximum "pre-set" temperature).
- Step 3. Then line up the button on the top of the handle/cover with the stop on the stop ring itself.
- Step 4. Push the handle/cover onto the splines, tighten the screw.
- Step 5. The thermostat is now set to its new temperature and can only be increased or decreased by repeating this process.



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.

Maintenance

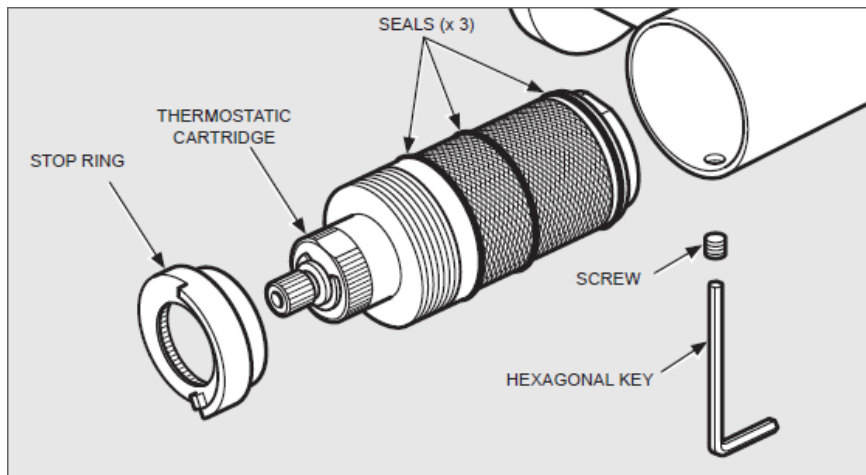
NOTE: Before carrying out any maintenance please remember to turn OFF all mains water and turn ON the isolating valves.

Thermostatic Cartridges

The concealed thermostatic valve should give trouble free service, but in the event of failure, servicing is straight forward.

Procedure on How to Remove the Thermostatic Cartridge.

- Step 1. Remove the handle/cover - see temperature setting.
- Step 2. Pull off the stop ring.
- Step 3. Using a hexagonal key undo and remove the screw on the underside of the valve (keep in a safe place) pull the valve out of the body, you can use the flats on the thermostatic cartridge to aid removal.
- Step 4. Wash the cartridge with clean running water and make sure that any trapped debris has been removed.
- Step 5. Dry and lightly grease the seals (only use silicone grease) and replace the cartridge making sure that the hole in the cartridge is lined up with the hole in the body, replace and tighten the hexagonal screw.
- Step 6. Replace the stop ring making sure that the stop is at the 12 o'clock position.
- Step 7. Push the control handle onto the splines, tighten the screw, refit the cover.



Filters

Turn off water supply to the valve and remove from the wall. Using a 29 wrench key undo the retaining nut within each of the inlets. Wash the filters with clean running water and replace.

Flow Control Cartridge

The Flow Control Cartridge uses ceramic discs which normally last indefinitely unless debris manages to get between them. Wash the cartridge with clean running water, dry and lightly grease the seal.

Trouble Shooting

SYMPTOM	SOLUTION
After installation the shower runs HOT or COLD and will not mix.	Hot and cold supplies are plumbed the wrong way round.
Shower will not run hot enough when first installed.	Maximum temperature needs adjusting, see 'temperature setting'.
Cold water tracking through the valve into the hot water system.	Check and clean the filters.
Very low flow or no flow (gravity).	Check hot and cold feeds (the valve will shut down if either the hot or cold supply fails).

6 Bathroom Towel Radiator



Operation

