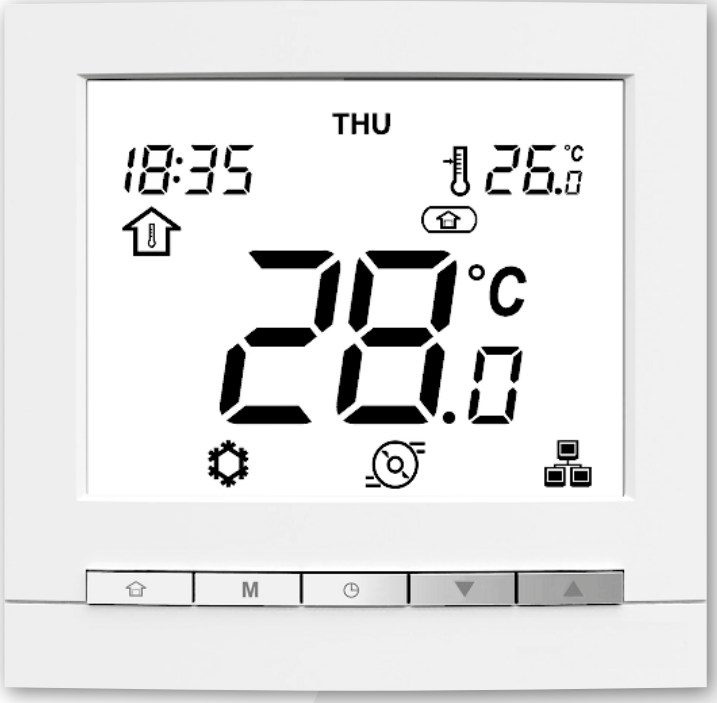
Carrier

30AWH-P Products



User Manual

Contents

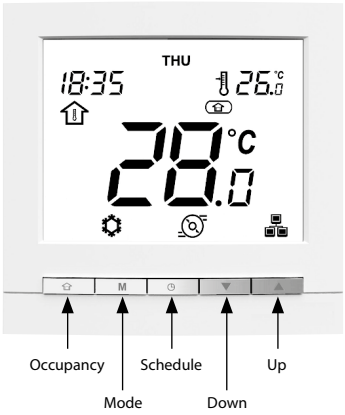
Quick Start

Important

Your system is controlled by a Wall-Mounted User interface (WUI) that can be installed inside your home.

This manual provides guidelines on how to use this interface effectively.

If you have any questions regarding the display and its configuration, please contact your installer for more information.



Key features

- **Heating / Cooling:** Depending on the unit, the system may operate in Heating or Cooling.
- **Occupancy control** allows you to easily set the system to operate in the following modes:

  Home

  Sleep

  Away

- **Easy temperature control:** Depending on system configuration, room temperature or water temperature will be constantly displayed on the screen.

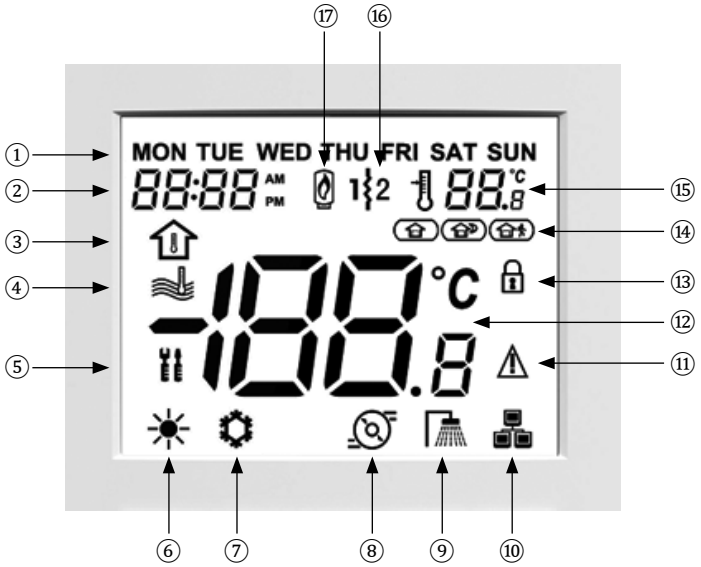
  Room temperature icon indicates that system control is based on room temperature.

  Water temperature icon means that the system is controlled according to water temperature.

- The **setpoint** which is the temperature to be achieved is displayed in the upper-right corner of the screen.
- **Schedule control** allows you to set the unit to operate with a set of pre-defined parameters (heating/cooling, occupancy, setpoint) in a specific period of time. You can always modify the schedule if necessary.
- **Additional data display:** In addition to the standard display, you may easily check other parameters, which provide information on the general status of the unit.
- **Alarms** are used to warn of potentially dangerous situations that may result in the failure of the unit.

TIP To configure the advanced parameters of the unit, please contact professional technicians.

WUI Display Overview



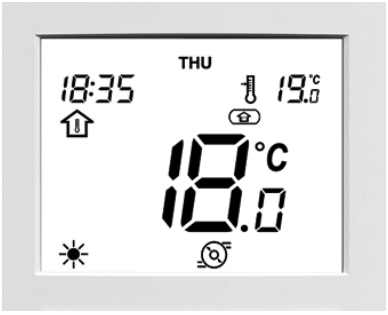
Legend:

①	Days of week	⑦	Cooling mode	⑬	Occupancy lock
②	Clock	⑧	Pump running (Not applicable on 30AWH-P)	⑭	Occupancy status
③	Room temperature	⑨	Domestic Hot Water mode (DHW)	⑮	Setpoint
④	Water temperature	⑩	Master / Slave control	⑯	Electric heater stage
⑤	Advanced settings	⑪	Alarm	⑰	Boiler
⑥	Heating mode	⑫	Temp. display / Alarm code / Message		

Home Screen

Please note that the home screen display may vary depending on unit configuration and screen settings:

- Heating / Cooling / DHW mode
- Additional heating: Boiler or electric heating
- Occupancy mode control: Home/Sleep/Away
- Air temperature control (room temp.)
- Water temperature control
- Time display: 12-hour clock or 24-hour clock



Overview of Icons

FRI	**Days of week:** Monday – Sunday
88:88 AM PM	**Clock:** 12-hour or 24-hour clock display
	**Room temperature:** System control is based on room temperature
	**Water temperature:** System control is based on water temperature
	**Advanced settings:** The icon is blinking when a password is required
	**Heating mode:** HEATING mode is active
	**Cooling mode:** COOLING mode is active
	**Pump status:** Pump is running
	**Domestic Hot Water mode (DHW):** DHW mode is active
	**Master / Slave:** <u>Steady icon:</u> This interface is connected to the master unit and it is used to control all units in the same master/slave group
	<u>Fast flashing icon:</u> This interface is connected to the slave unit and it is controlled by commands sent from the Master
	<u>Slowly flashing icon:</u> Master/Slave communication failure

-188.8 °C	**Temperature display:** Room temperature  Water temperature 
	**Occupancy lock:** Occupancy is set manually by the user (schedule control is disabled)
	**Occupancy:** HOME mode is active
	**Occupancy:** SLEEP mode is active
	**Occupancy:** AWAY mode is active
88.8 °C	**Setpoint:** Temperature to be achieved (room or water temperature)
1 2	**Electric heater stage active:** Used in the case of heat pump failure or low outdoor air temperature
	**Boiler active:** Used in the case of heat pump failure or low outdoor air temperature
	**Alarm:** <u>Steady icon:</u> Alarm condition detected; the unit is stopped
	<u>Flashing icon:</u> Alarm condition detected; the unit is running

NOTE *When the user interface backlight is switched off, press any key to turn on the display.*

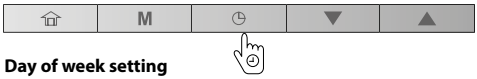
Programming the Control

Clock/Day: Setting the time and day

Before using any programming features of the WUI, it is necessary to set the time and day of the control.

To configure time and day display

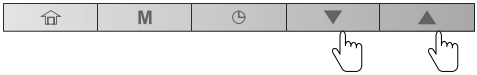
1. To access the time configuration menu, press and hold the **Schedule** key for 2 seconds.



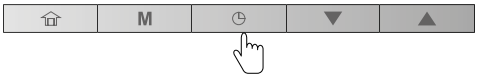
Day of week setting

2. The current day starts flashing.

3. If necessary, press the **Down** key or the **Up** key to change the day of the week.

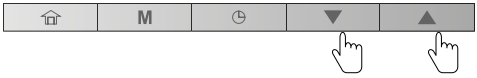


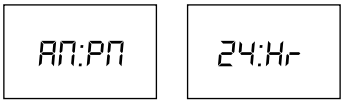
4. Press the **Schedule** key to confirm your selection and go to the next parameter.



Time format setting

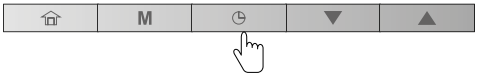
5. Once the day of the week has been confirmed, set the time format.
6. Press the **Down** key or the **Up** key to change the time format.





12-hour format 24-hour format

7. Press the **Schedule** key to confirm the time display.



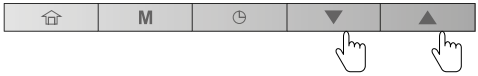
You may customise the clock to display time in a 12-hour or 24-hour format.

Example: 12-hour clock display

Example: 24-hour clock display

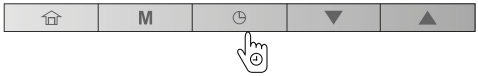
Time setting

8. Once the time format has been confirmed, set the time.
9. Press the **Down** key or the **Up** key to set the time.



For 24-hour format: Set the hour and press the **Schedule** key to confirm. Then, set minutes and press the **Schedule** key to confirm.

10. To confirm all changes, press and hold the **Schedule** key for 2 seconds.



Heating / Cooling / DHW only / Off: Changing the operating mode

The operating mode display depends on the unit configuration as well as user settings.

Heating: The heat pump heats the water loop to the selected temperature setpoint.

Cooling: The heat pump or chiller cools the water loop to the selected temperature setpoint.

Domestic Hot Water only: The heat pump is used to provide domestic hot water. Cooling or Heating is disabled.

Boost Heating: the heat pump heats the water loop to the selected temperature setpoint regardless of its maximum power limit [fast flashing icon].

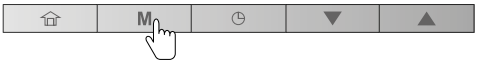
Boost Cooling: the heat pump cools the water loop to the selected temperature setpoint regardless of its maximum power limit [fast flashing icon].

Drying: The heat pump slowly heats the water loop (progressive warm-up) for proper screed floor drying [slowly flasing icon]

Purge: the water pump is requested to run in order to vent the hydraulic circuit [fast flashing icon]

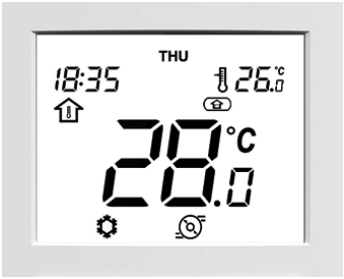
To set the operating mode

1. Press the **Mode** key successively to select the required operating mode.



2. The icon corresponding to the selected mode will be displayed.

Example:



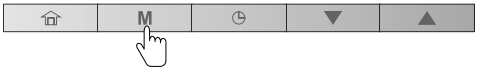
Mode	Cooling
Occupancy	Home
Temp. control	Air temp. control
Room temp.	28°C
Setpoint	26°C

Example:

Mode	Heating
Occupancy	Home
Temp. control	Water temp. control
Water temp.	34°C
Setpoint	35°C

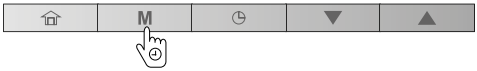
To turn on the system

1. Press the **Mode** key to go from the OFF Mode to any other mode.



To turn off the system

1. Press and hold the **Mode** key for 2 seconds.



2. The unit will be turned off, but the current time and day will be still displayed on the screen.

When the unit is OFF, all operating modes described above (cooling / heating / DHW only / boost heating / boost cooling) are disabled.

Never turn the power off to your system in order to ensure that the home anti-freeze protection and the water anti-freeze protection are always available.

Example:

Mode	Off

Home / Sleep / Away: Changing the comfort range

To optimise energy efficiency of the building while preserving its occupants' comfort, the controller is normally scheduled according to occupancy hours.

If necessary, you can select the occupancy mode manually. Each occupancy mode is associated with a pre-defined temperature range.

Three methods used to define the comfort range (occupancy mode) are as follows (A/B/C):

A. <u>Scheduling</u>

The user can set up to 8 steps where each step is defined by the following parameters:

- Starting time
- Occupancy mode
- Day(s) of week when it is activated

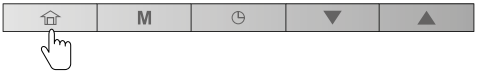
For more information about occupancy control based on scheduling, please see "Scheduling: Assigning schedules to heating and cooling modes" on page 12.

B. <u>Manual setting</u>

The user can change occupancy directly on the screen. This setting will be effective until the next scheduling step becomes active.

To set occupancy manually

1. Press the **Occupancy** key successively to select the required occupancy mode.



2. The icon corresponding to the selected mode will be displayed.

Home Sleep Away


The heat pump or chiller is running in the **Home** mode and the Home setpoint is used.


The heat pump or chiller is running in the **Sleep** mode and the Sleep setpoint is used.


The heat pump or chiller is running in the **Away** mode and the Away setpoint is used.

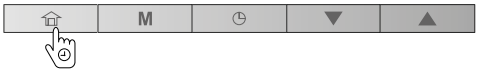
Note *To configure the setpoints of different occupancy modes, refer to " Current setpoint control: Changing the temperature*

C. Occupancy lock

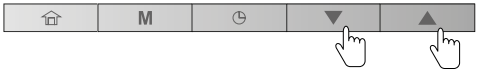
The current occupancy can be locked during a period specified by the user (**"occupancy lock"**). During this time, the scheduling will be ignored. Once this period has elapsed, occupancy returns to the scheduling setting.

To set the time for the selected occupancy

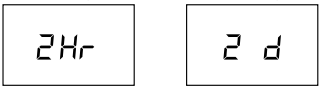
1. Press and hold the **Occupancy** key for 2 seconds.



2. The length of Home / Sleep / Away period can be set in hours or days. Press the **Down** key or the **Up** key to set the required number of hours/days.



Example: Occupancy period (2 hours / 2 days)

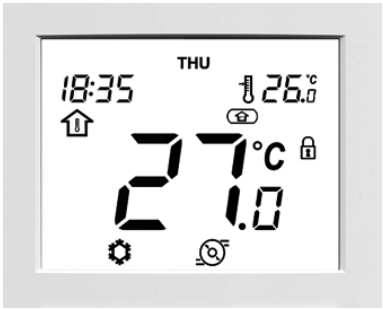


Note *Upon "23 Hr", the display switches to days ("1 d"). When set in days, the defined occupancy will end at exactly the same time it started. Afterwards, the mode defined by the schedule will be in force.*

3. To confirm the selected occupancy, press and hold the **Occupancy** key for 2 seconds.

4. The lock icon will be displayed .

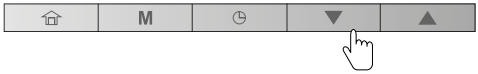
Example: Occupancy lock (Home)



To cancel the occupancy lock

1. Press and hold the **Occupancy** key for 2 seconds.

2. The display will show you the time remaining till the end of the selected occupancy. Press the **Down** key to set the counter to "0".



3. To confirm your action, press and hold the **Occupancy** key for 2 seconds.

4. The lock icon will disappear and the schedule will be active again.

Current setpoint control: Changing the temperature

Two different configurations could be available:

- If Parameter 510 "Control on Air" is set to NO, then the setpoint control is based on the water temperature
- If Parameter 510 "Control On Air" is set to YES, then the setpoint control is based on the room (air) temperature.

Control type	Current setpoint
Control on water	Water setpoint
Control on air	Air setpoint

To achieve better comfort, it is possible to adjust the current setpoint according to your needs.

To adjust the setpoint

1. Press the **Down** key to decrease the temperature.
2. Press the **Up** key to increase the temperature.

Please remember that the setpoint can be adjusted only within a range defined for each occupancy mode.

Note 1 *After a pre-defined period of inactivity (no key is pressed), the setpoint information (air or water temp. to be achieved) is dimmed. By default, the timeout is 10 minutes.*

Note 2 *With the method described in this section, it is also possible to configure the setpoint for different occupancy modes, except when setpoint control is configured on leaving water setpoint and with the climatic curves (depending on installer configuration). In this case, the setpoints cannot be changed by user. If necessary, please contact a professional technician to change the configuration.*

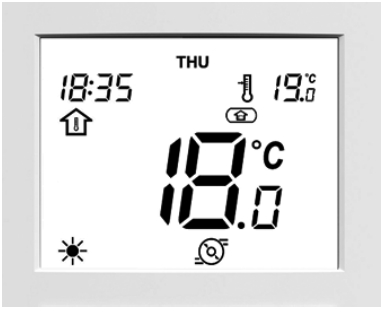
WATER TEMPERATURE CONTROL

Example (water temp. and water setpoint):

Current setpoint	35°C

ROOM TEMPERATURE CONTROL

Example (room temp. and air setpoint):



Current setpoint	19°C

Additional data display: General status of the unit

Normally when the **user interface** is installed **indoors**, you have the current **indoor air temperature** and the **air setpoint** displayed on the screen.

For units installed **outdoors**, the **display** normally shows the current **water temperature** and the **water setpoint**.

In addition to these temperatures, WUI gives you the option to check other parameters allowing you to monitor the status of the unit (see the table given below). Please note that these parameters (1-16) are in read-only access.

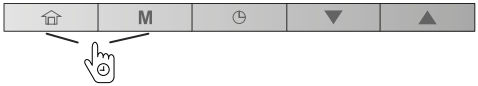
No.	Description	Parameter number	30AWH-P
1	Outdoor Air Temp	P001	x
2	Entering Water Temp	P003	x
3	Leaving Water Temp	P004	x
4	Water Control Temp	P052	x
5	Saturated Suction Temp	P008	x
6	Suction Temperature	P009	x
7	Superheat Temperature	P015	x
8	Superheat Target Temp	P016	x
9	Discharge Temperature	P010	x
10	Refrigerant Temperature	P005	x
11	Requested Compressor Frequency	P022	x
12	Actual Compressor Frequency	P023	x
13	Water Control Point	P051	x
14	Flow Switch Status	P106	x
15	Safety Switch Status	P105	x
16	DHW Tank Temperature	P206	o

x = *Value is displayed for this unit*

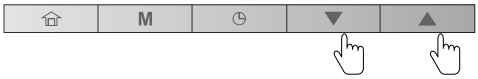
o = *Value is displayed only if DHW option is configured*

To display the required temperature

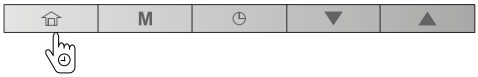
1. Press and hold the **Occupancy** key and the **Mode** key simultaneously for 2 seconds.



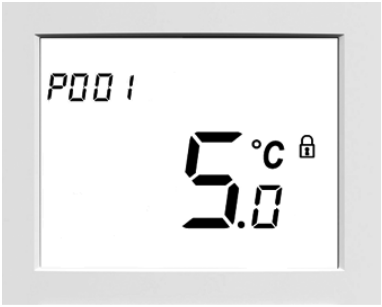
2. The first parameter will be displayed.
3. Press the **Down** key or the **Up** key to switch between all parameters listed in the table above.



4. To exit the current screen, press and hold the **Occupancy** key until the home screen is displayed or wait for 30 seconds (screen timeout).



Example: Outdoor Air Temp (Parameter: P001)



Scheduling: Assigning schedules to heating and cooling modes

The scheduling functionality makes it possible to set the unit to operate in a specific mode during a pre-defined period of time. The system allows you to modify eight steps, where each step is defined by the day(s) of the week, start time, and occupancy.

Example of scheduling parameters

Step Number	Day of week							Start time	Occupancy		
	MON	TUE	WED	THU	FRI	SAT	SUN		Home	Sleep	Away
1	x	x	x	x	x	x	x	06:00	x		
2	x	x	x	x	x			08:00			x
3			x					12:00	x		
4	x	x		x	x			17:00	x		
5	x	x	x	x	x			22:00		x	
6						x	x	23:00		x	
7								00:00			
8								00:00			

Hour (Start time)

Day \ Hour	06:00		08:00		12:00		17:00		22:00		23:00	
MON	•									•	•	•
TUE	•									•	•	•
WED	•									•	•	•
THU	•									•	•	•
FRI	•									•	•	•
SAT	•											•
SUN	•											•

Occupancy mode

- Home
- Away
- • Sleep

Complete the schedule according to daily routine and use it as you follow the instructions below.

Step Number	Day of week							Start time	Occupancy		
	MON	TUE	WED	THU	FRI	SAT	SUN		Home	Sleep	Away
1											
2											
3											
4											
5											
6											
7											
8											

To modify the schedule (schedule steps)

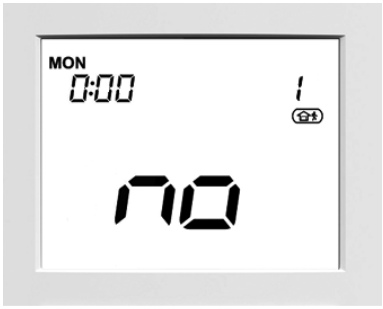
1. Press the **Schedule** key to edit the schedule.

2. Upon entering the schedule menu, you will be able to edit the first schedule step.

Day(s) of the week

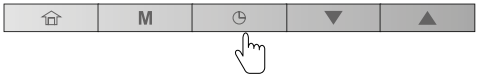
3. The first day of the week ("MON") will start flashing. Press the **Down** key or the **Up** key to set "Yes" (step active on this day) or "no" (step inactive on this day).

Example: Monday (step inactive)

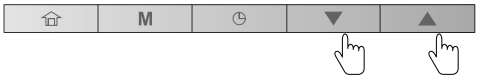


Example: Monday (step active)

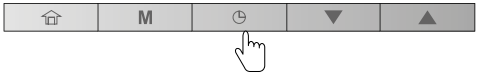
4. Press the **Schedule** key to confirm your choice.



5. The following day ("TUE") will start flashing. Press the **Down** key or the **Up** key to set "Yes" (step active on this day) or "no" (step inactive on this day).

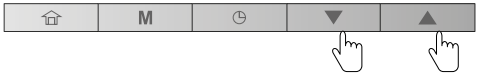


6. Press the **Schedule** key to confirm your choice and continue with the remaining days of the week.

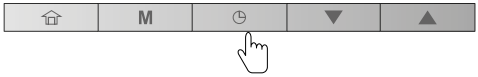


Start time

7. Once the last day of the week ("SUN") has been set, the clock starts flashing.
8. Press the **Down** key or the **Up** key to set the start time.

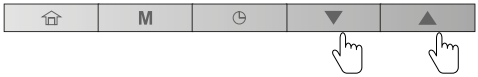


9. Press the **Schedule** key to confirm the start time.

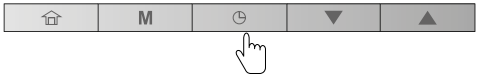


OCCUPANCY

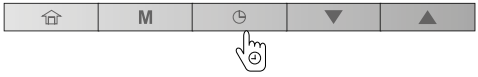
10. Once the start time has been set, the occupancy icon starts flashing.
11. Press the **Down** key or the **Up** key to set the occupancy for a given period.



12. Press the **Schedule** key to confirm the selected occupancy.



13. The first day "MON" will start flashing. You can edit your schedule settings again if necessary.
14. To validate the current schedule, press and hold the **Schedule** key for 2 seconds.



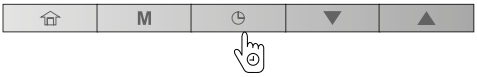
15. The next schedule step will be displayed (Schedule 2).

Saving the schedule

At any time in the schedule menu, you can save the current schedule step settings and go to the next schedule step.

To save the current schedule and go to the next one

1. Press and hold the **Schedule** key for 2 seconds (repeatedly) until the required schedule number appears.



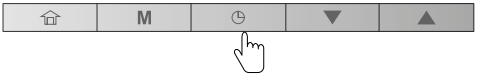
2. Perform all required steps as presented earlier in this section.

Editing schedules

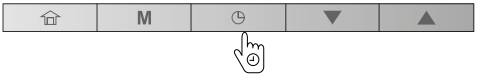
If necessary, you may easily modify any of 8 schedule steps that are available.

To modify only one schedule, e.g. schedule "2"

1. Press the **Schedule** key to enter the schedule menu.

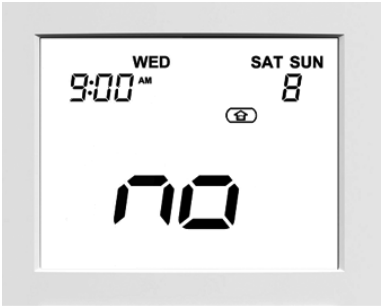


2. Press and hold the **Schedule** key for 2 seconds to validate schedule "1" without making any modifications.



3. Schedule "2" will be displayed.
4. Perform all required steps as presented earlier in this section.

Example:



Start time	9:00
Days of week	WED, SAT, SUN
Occupancy	HOME
Schedule step	8

To exit the schedule menu

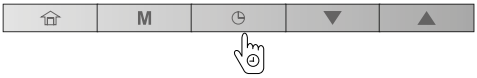
1. To exit the schedule menu at any time, press and hold the **Occupancy** key for 2 seconds.

2. The home screen will be displayed and changes made to the currently modified schedule will NOT be saved.

For example:

After having set and validated schedule "1", you may want to edit schedule "2".

- When exiting schedule "2" without prior validation, schedule "2" will NOT be saved (schedule "1" will be saved).
- To validate a schedule, press and hold the **Schedule** key for 2 seconds.

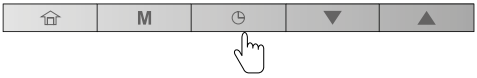


Deleting a schedule step

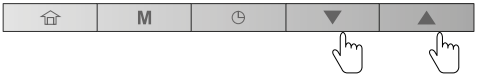
There are 8 schedule steps available; however, not all of them have to be used.

To delete a schedule

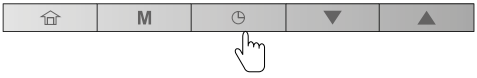
1. Press the **Schedule** key to go to the Schedule menu.



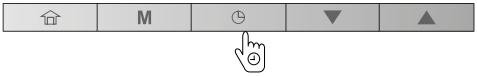
2. Once you have navigated to the schedule step to be deleted, you have to deselect all days of the week in a given schedule.
3. Press the **Down** key or the **Up** key to set "no" (step inactive on this day).



4. Press the **Schedule** key to confirm your choice.



5. Follow steps given above (step 3 and 4) to deselect all days of the week.
6. To confirm deleting the schedule step, press and hold the **Schedule** key for 2 seconds.



Advanced Programming Options

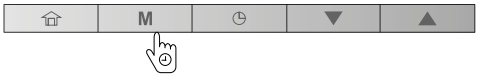
Advanced settings: Programming the Control

The settings menu is used by technicians to configure some advanced settings of the unit.

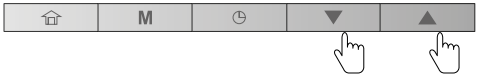
To access the settings menu

1. Press and hold the **Occupancy** key and the **Schedule** key simultaneously for 2 seconds.

2. The password screen is displayed.
3. Provide the password.
   For the user access, provide the following password: 0000.
4. To validate the password and access settings configuration, press and hold the **Mode** key for 2 seconds.

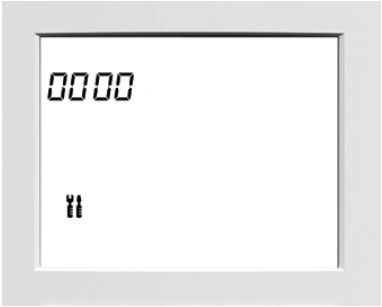


5. Press the **Down** key or the **Up** key to navigate across the screens.



To exit the password screen

1. Press and hold the **Occupancy** key until the home screen is displayed.



Password screen

For more information about advanced settings configuration, please refer to the IOM Manual.

Domestic Hot Water mode

Please remember that the Domestic Hot Water (DHW) mode enabling hot water production is applicable only to heat pumps that come with a domestic water tank.

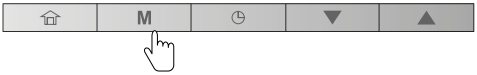
Normally the Domestic Hot Water mode is triggered whenever necessary and no further action from the user is required.

The Domestic Hot Water schedule and the DHW setpoint are set by the installer. For more information about DHW schedule configuration, please refer to the IOM Manual.

The DHW mode only can be activated when there is currently no need for cooling or heating.

To set DHW mode only (manually)

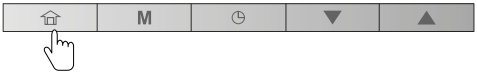
1. Press the **Mode** key successively to select DHW mode only.



2. The icon corresponding to the DHW mode will be displayed.

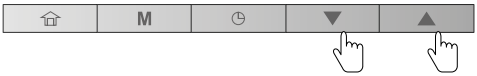
To adjust different DHW setpoints

1. Press the **Occupancy** key successively to select the required occupancy mode.



WUI Occupancy	Water setpoint
	DHW Setpoint
	DHW Anti-Legionella Stp
	DHW Eco Setpoint

2. Define DHW setpoint for each Occupancy mode:
   - Press the **Down** key to decrease the temperature.
   - Press the **Up** key to increase the temperature.



NOTE 1 *When the system is in DHW mode, then the current water temperature ("Water Control Temp") becomes the DHW tank temperature. See also "Additional data display: General status of the unit" on page 11.*

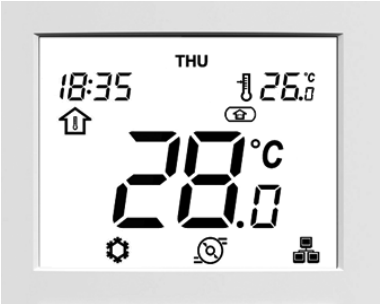
NOTE 2 *To change the DHW setpoint, refer to "Current setpoint control: Changing the temperature" on page 10.*

Master / Slave control

Building installations may require a few units to be interfaced together in order to provide cooling / heating on the same network.

The unit that is the decision point for the OPERATING MODE and the CONTROL POINT is defined as the **Master**, all other units belonging to the same group on the same network are referred to as **Slaves**.

Example: Master / Slave mode



When the **user interface** is connected to the **Master unit**, the Master / Slave icon is displayed on the screen.

If you change the operating mode or define a new setpoint on your "master" user interface, this command will be sent to all slaves on the network. The slaves will act according to the command sent from the Master.

When the **user interface** is connected to the **Slave unit**, the Master / Slave icon is **flashing rapidly**.

If you change the operating mode or define a new setpoint on your "slave" user interface, this command will be ignored. The operating mode and setpoint defined by the Master will be active.

When the **Master / Slave communication failure** occurs, the Master / Slave icon is **flashing slowly**.

In the case of master/slave communication failure, the Master will run in the standalone mode or it will continue to operate with other Slave units that are still communicating. The affected Slave unit will stop all of its operations.

Please contact a professional technician in order to set the Master/Slave assembly control.

Alarms and errors

Alarms

Alarms are used to inform you of the failure of one of the parts of the heat pump or chiller system.

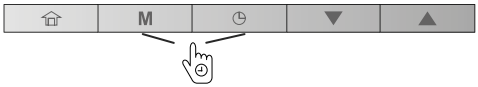
In the case of an alarm, the alarm icon is displayed:

Steady icon: Alarm condition detected; the unit is stopped

Flashing icon: Alarm condition detected; the unit is running

To see the alarms

1. Press and hold the **Mode** key and the **Schedule** key simultaneously for 2 seconds.

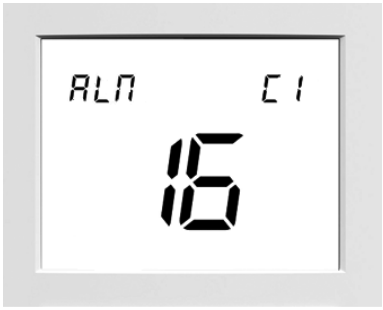


2. The alarms menu will be displayed.
3. Press the **Down** key or the **Up** key to display the alarms (1 to 5).

Two types of alarms are displayed:

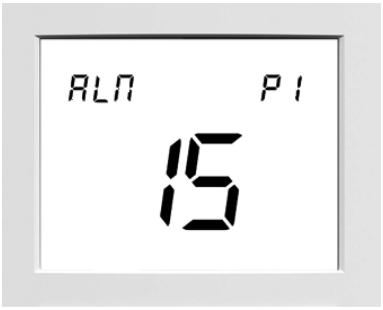
Current alarms (C-X) / Past alarms (P-X).

Example:



Current alarm	C1
Alarm code	16

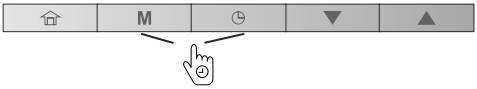
Example:



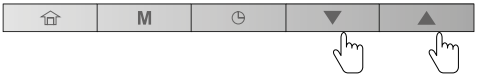
Past alarm	P1
Alarm code	15

To reset alarms

1. In the alarm menu, press and hold the **Mode** key and the **Schedule** key simultaneously for 2 seconds.



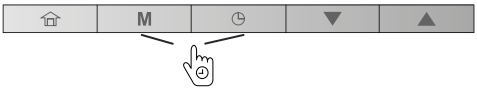
2. The reset alarm menu will be displayed.
3. Press the **Down** key or the **Up** key to set the alarms reset to "YES".



Alarm reset: NO

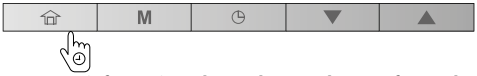
Alarm reset: YES

4. To confirm the alarms reset, press and hold the **Mode** key and the **Schedule** key simultaneosly for 2 seconds.



To exit the alarm screen

1. Press and hold the **Occupancy** key until the home screen is displayed.

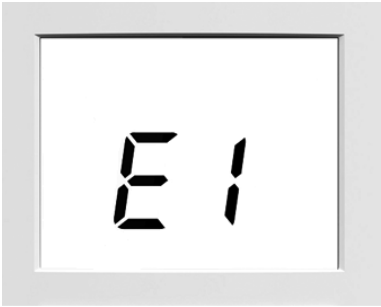


For more information about alarms, please refer to the IOM Manual.

Errors

Some components failure may cause the user interface to malfunction. In such cases, the error will be displayed on the screen.

Example: E1, error 1



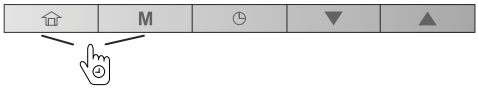
ID	Description
1	Communication failure
2	Wrong configuration (Unit not configured to use WUI)
3	Profile table wrong size
4	Parameter not found but mandatory
5	Room sensor failure

For more information about errors, please refer to the IOM Manual.

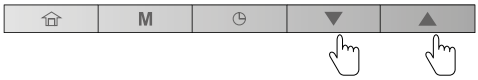
In case of error, please verify that all WUI local parameters are correct, i.e. check the value of parameters given in the table below.

To access local parameters

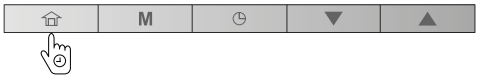
1. Press and hold the **Occupancy** key and the **Mode** key simultaneously for 2 seconds.



2. The first parameter will be displayed.
3. Press the **Down** key or the **Up** key to switch between all parameters listed in the table.



4. To exit the current screen, press and hold the **Occupancy** key until the home screen is displayed or wait for 30 seconds (screen timeout).



Local parameters

No.	Description	Parameter number	Range	Default value
1	Hour of Day	P901	0 to 23	0
2	Minute of Hour	P902	0 to 59	0
3	Day of Week & Holiday 1	P903	0 to 255	0
4	Day of Month	P904	1 to 31	0
5	Month	P905	1 to 12	0
6	Year	P906	0 to 99	0
7	DAYLIGHT SAVING SELECT (DST)	P920	No/Yes	No
8	Entering DST : Hour	P921	0 to 22	2
9	Leaving DST : Hour	P922	1 to 23	3
10	Entering DST : Month	P923	1 to 12	3
11	Entering DST : Day of week	P924	1 to 7 [1]	7
12	Entering DST : Week nb of month	P925	1 to 5 [2]	5
13	Leaving DST : Month	P926	1 to 12	10
14	Leaving DST : Day of week	P927	1 to 7 [1]	7
15	Leaving DST : Week nb of month	P928	1 to 5 [2]	5
16	CCN address of chiller	P951		1
17	LCD display timeout1	P952	5 to 60 min	10 min
18	AM/PM Time format	P953	No/Yes	No
19	CCN Element Address	P991	1 to 239	116
20	CCN Element Bus	P992	0 to 239	0
21	Baud Rate	P993	9600/19200/38400	38400
22	PIC Application SW Version Number	P999	-	-

1. Daylight Saving Time (DST) usually starts/ends on Sunday morning (7). The clock goes one hour forward when entering DST (usually at 2:00 a.m.) and one hour backward when leaving DST (usually at 3 a.m.).

2. This parameter defines the week number when the time change occurs:

#1: If "Day of Week" is set to 7 (Sunday), the time change will occur on the first Sunday of the month.

#5: If "Day of Week" is set to 7 (Sunday), the time change will occur on the last Sunday of the month (it can be either 4th or 5th Sunday of the month).

Order No.: 10761, 03.2023. Supersedes order No.: New.
Manufacturer reserves the right to change any product specifications without notice.

Carrier S.C.S, Rte de Thil - 01120 Montluel, France.
Printed in the European Union.