FUJITSU

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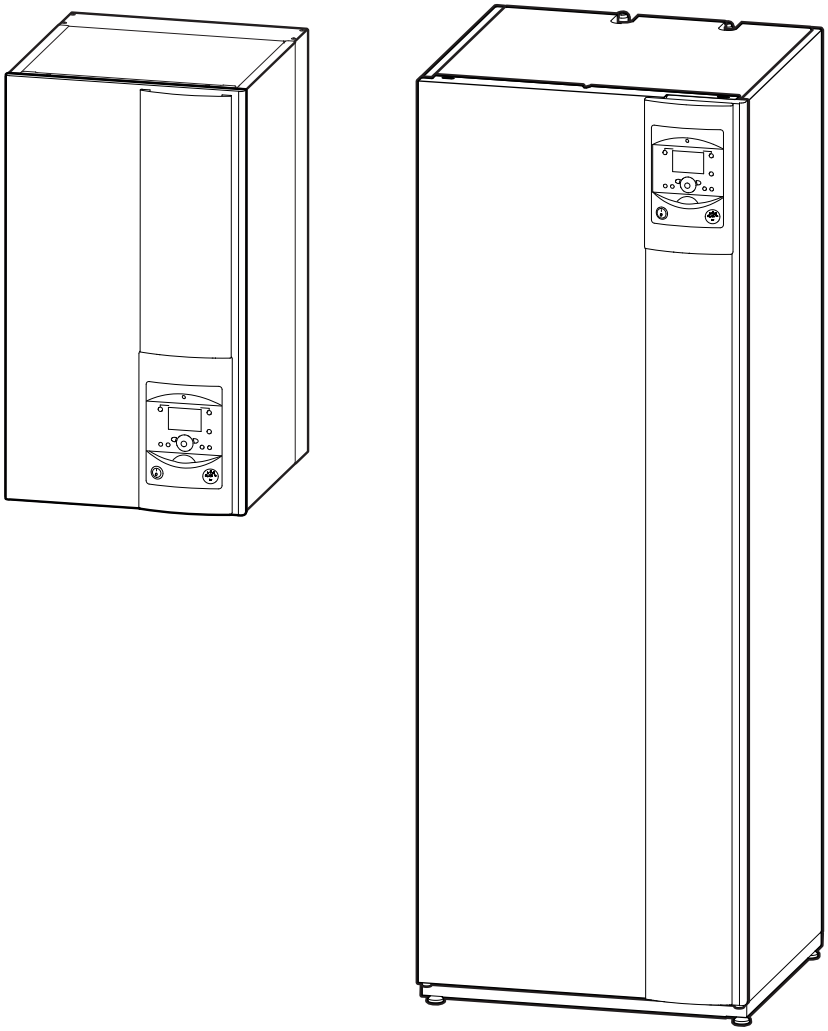
24/06/2020

R32
NEW REFRIGERANT GAS



EN

OPERATING INSTRUCTIONS

WATERSTAGE

Air to Water Heat Pump
Split single service & Split integrated DHW type

For users. To be kept by the user for future reference.

Contents

This document was written in French and translated.

Symbols and definitions

Warning. Risk of serious injury to the person and / or risk of damage to the machine. Observe the warning.	Warning : Electricity hazard
Important information that must always be kept in mind.	Warning : Slightly flammable refrigerant.
Tips and tricks / Advice	Read the installation manual
Bad practice	Read the Operating Manual
	Read the instructions

* according configuration / option

Safety instructions

Please comply with the following instructions in order to avoid any risk of injury or inappropriate use of the appliance.

Commissioning

Do not switch the appliance ON until every filling operation has been performed

Do not attempt to install this appliance yourself. This heat pump must be installed by qualified personnel holding a certificate of competence.

The installation must always be properly earthed and fitted with a safety circuit breaker.

Do not change the power supply.

The appliances are not fireproof and therefore MUST NOT be installed in an explosive environment.

How to Use

This appliance can be used by children from 8 years old and by persons with reduced physical, sensory or mental capabilities or without experience or knowledge, provided that they are properly supervised or if they have been given instructions on how to use the appliance safely and the risks involved have been understood. Children must not play with the appliance. Cleaning and maintenance by the user must not be carried out by children without supervision.

This device is not intended for use by persons (including children) whose physical, sensory or mental capabilities are reduced, or persons without experience or knowledge, unless they have benefited from the intermediary of a person responsible for their safety, surveillance or prior instructions concerning the use of the device. Children should be supervised to ensure that they do not play with the appliance.

Do not let children insert foreign objects into the propeller protection grate or climb on the outdoor unit. The fins of the air heat exchanger are extremely thin and can cause cuts.

Nothing should obstruct the air circulation through the evaporator and out from the fan.

The outdoor unit must only be installed outside. If a shelter is required,it must have broad openings on all 4 sides and respect the installation clearances (see your installation engineer).

Do not climb on the outdoor unit.

Caution: copper pipes that carry refrigerating fluid may be hot and cause burns.

The room in which the unit is operating must be correctly ventilated in order to avoid any shortage of oxygen in the event of a refrigerant gas leak.

If your installation location already meets safety standards, do not carry out any modifications (ventilation, exhaust evacuation, openings, etc.) without the advice of your installation engineer.

Do not place any heat source under the remote control.

To avoid the risk of suffocation, keep plastic bags or plastic film of packaging materials away from young children.

Maintenance

Do not try to repair the appliance yourself.

If a power cable is damaged, it must be replaced by a qualified person to avoid any danger.

This appliance does not contain any components which can be repaired by the user. Removing either of the covers can expose you to dangerous electrical voltages.

Switching off the current is not sufficient to protect you from any external electrical shocks (condensers).

Do not open the outdoor unit or the hydraulic unit while they are in operation.

If you hear unusual noises, smell smoke or other odours coming from the appliance, turn off the power and contact your installation engineer.

Before starting any cleaning, turn off the power to the appliance.

Do not use aggressive cleaning liquids or solvents to clean the body work.

Do not use a pressure hose to clean the outdoor unit. You risk damaging the air exchanger and causing water ingress in the electrical circuits.

Your installation

Outdoor unit

The outdoor unit, as its name suggests, is placed outside your dwelling, and extracts energy from the outside air.

This unit was installed by your installer in a location where it is able to operate with best performance.

Nothing should obstruct the air circulation through the evaporator and out from the fan.

The water contained in the air may condense and flow out of the outdoor unit. The outdoor unit can generate a large volume of water called condensate.

In cold weather, this water freezes on contact with the exchanger and must be regularly removed using the defrosting cycles. The defrosting cycle is managed automatically by the control system and can produce steam emissions which are completely normal.

Hydraulic unit

The hydraulic unit is located in your boiler room, cellar, garage..., and transfers energy to the heating and domestic hot water circuits*.

The hydraulic unit contains the appliance's control system which manages the room temperature and the production of domestic hot water*.

The hydraulic unit is fitted with an electrical backup* or boiler connection* which intervenes to provide additional heat during the coldest periods.

Settings

Your installer has carefully adjusted your installation. Do not change the settings without their consent. If in doubt, do not hesitate to contact them.

Your heating system is controlled by adjustment in relation to the outdoor temperature (temperature control).

The outdoor sensor monitors the outdoor temperature.

The installation of a room thermostat (option) makes it possible to improve the operation of the control system (influence of the ambient temperature is taken into account).

Radiators

In order to ensure operation of the control system, the room containing the thermostat must not also contain a thermostatic valve. If this is the case, it must be opened as far as possible.

Underfloor heating system

A new underfloor heating system must initially be heated slowly to avoid any problems involving cracking. Check with your installer that this initial heating procedure has indeed been performed before freely using your heating system.

An underfloor heating system's significant inertia prevents sudden room temperature differences. However, this inertia implies a reaction time of around several hours (approx 6 hours).

Any changes to the setting must be made slowly and leave the installation sufficient time to react. Any exaggerated or abrupt adjustments to the settings always result in significant temperature fluctuations during the day.

Similarly if your dwelling has an underfloor heating system, do not reduce it or switch it off if you will be absent for only short periods. The reheating period is always quite long (approx 6 hours).

Fan coils / dynamic radiators with an integrated control system

Do not use a room sensor in the area in question.

Domestic Hot Water (DHW)*

When hot water is required, the heat pump adapts its priority to meet the request.

No heating is produced during the preparation of domestic hot water.

The heat pump produces the domestic hot water (DHW), which is then additionally heated, if required, by the electrical backup.

To ensure a DHW setpoint over 45°C, the electrical backup heating or boiler (boiler connection kit)* must be left on.

The electrical backup allows the correct operation of the anti-legionella cycles.

* according configuration / option

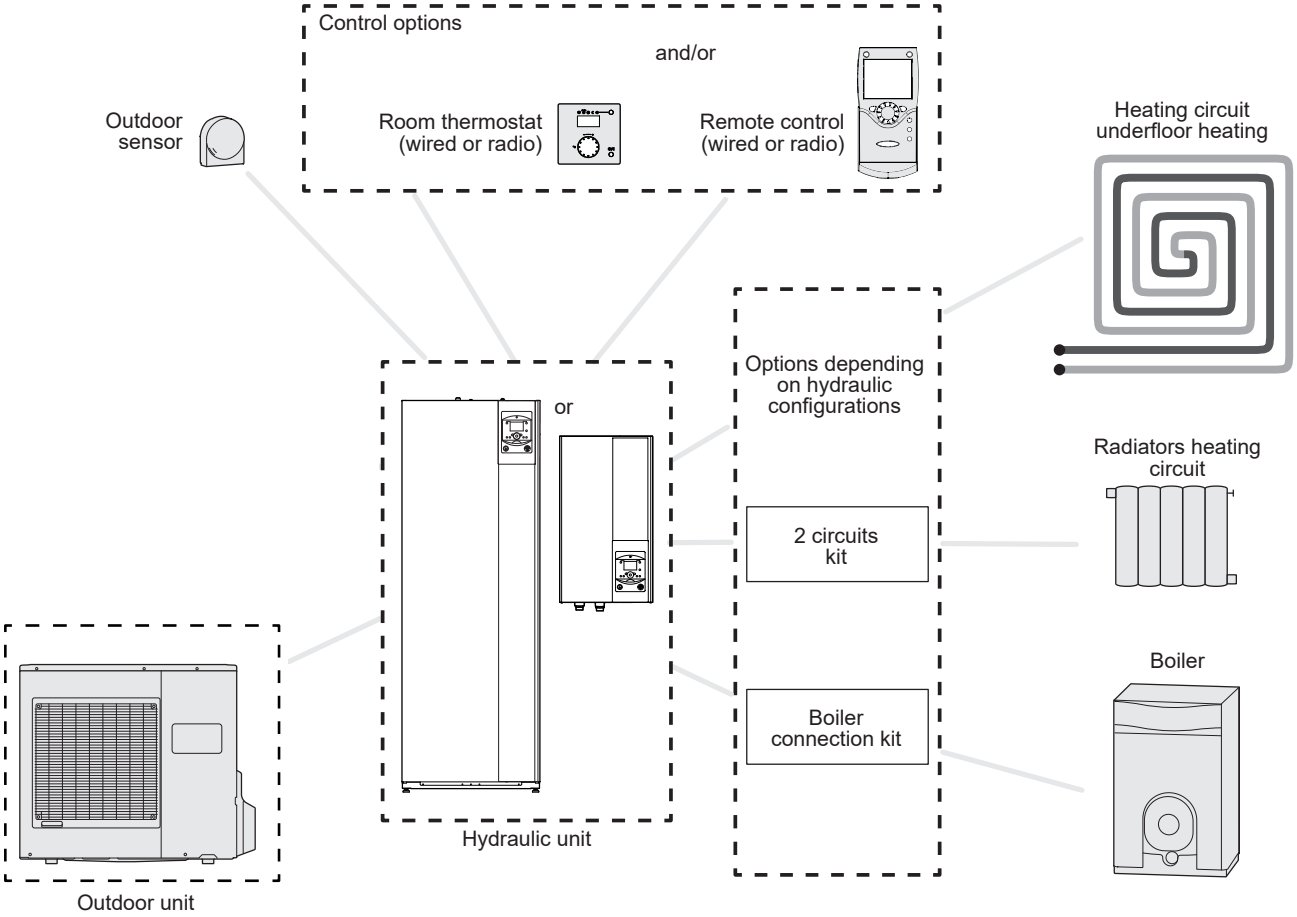
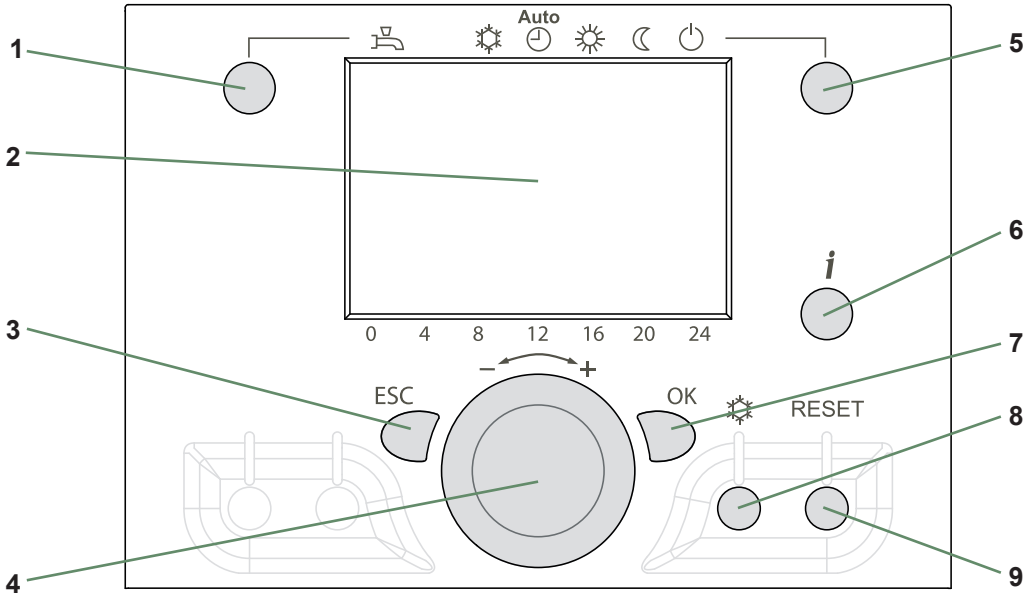
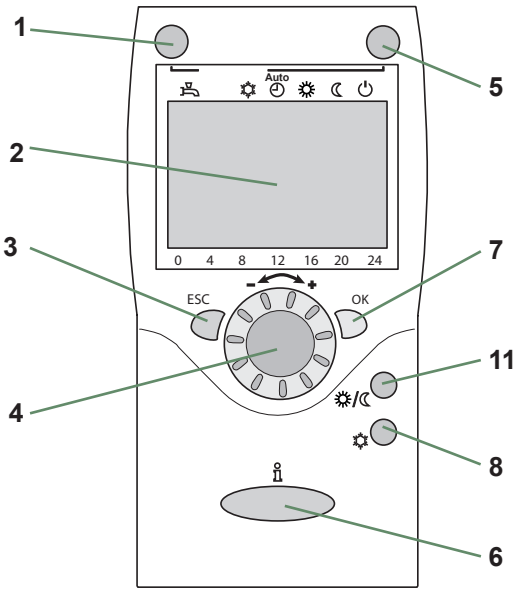


fig. 1 - Overview of complete installation configuration

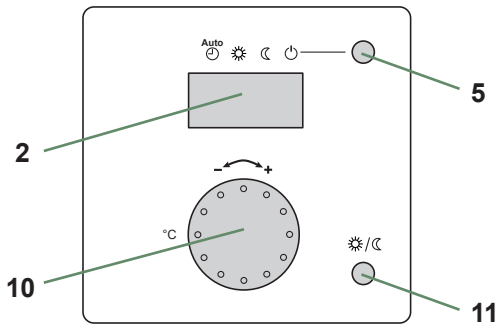
Carrying out the installation

▶ User interface, central ambient unit (option) and ambient sensor (option)





Central ambient unit (option)

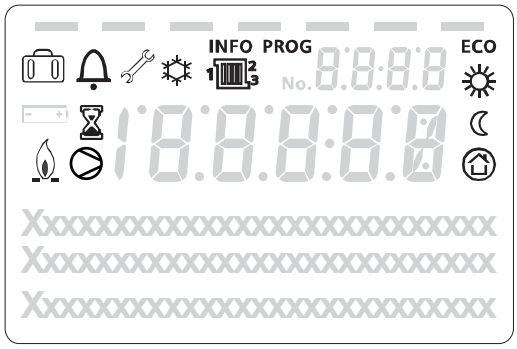


Ambient sensor (option)

Ref.	*Functions*	*- Definition of the functions*
1	**Selecting the DHW operation*** Marche Arrêt	- **Start**: Production of DHW in function of the timer programme. - **Stop**: Production of the DHW stopped with antifreeze function of the domestic water active. - **Manual start button**: Press the DHW button for 3 s (switches from "reduced" to "comfort" until the DHW timer programme is switched again).
2	**Digital display**	- Check the operation, read the current temperature of the heating operation, or a possible fault. - View the settings.
3	**"ESC" output**	- Exit the menu.
4	**Navigation and setting**	- Setting the comfort temperature value. - Menu selection - Setting the parameters.
5	**Selecting the heating operation**	- Auto Service heating according to the heating programme (automatic summer/winter switching). - Permanent comfort temperature. - Permanent reduced temperature. - "Stand-by" operation with antifreeze protection (provided that the electrical power supply of the heat pump is not interrupted).
6	**Displaying information**	- Miscellaneous information (see *"Information display", page 7*). - Reading the error codes. - Information on maintenance, special operation.
7	**Validation "OK"**	- Enter the selected menu. - Validate the parameter settings. - Validate the comfort temperature value setting.
8	**Selection of the refresh mode***	- Service cooling according to the heating programme (automatic summer/winter switching).
9	**Reset (Press and relief)**	- Reset the parameters and cancel the error messages. **Do not use during normal operation**
10	**Setting button**	- Setting the comfort temperature value.
11	**Presence button**	- Comfort / reduced switching.

* according configuration / option

Display Description



Icons	Definitions
	- Heating mode active with reference to the heating circuit.
	- Heating in comfort mode.
	- Heating in reduced mode.
	- Heating in "standby" mode (antifreeze).
	- Refresh mode active *.
	- Holiday function activated.
	- Process in progress.
	- Compressor operation.
	- Burner operation *.
	- Default message.
	- Maintenance, special operation
INFO	- Information level activated.
PROG	- Programming activated.
ECO	- ECO function activated (Heating stopped temporarily)
18:28 20.5°C temperature ambiante	- Time / Parameter number / Setpoint value.
18:28 20.5°C temperature ambiante	- Ambient temperature / Setpoint value.
18:28 20.5°C temperature ambiante	- Setpoint information / Parameter information.

* according configuration / option

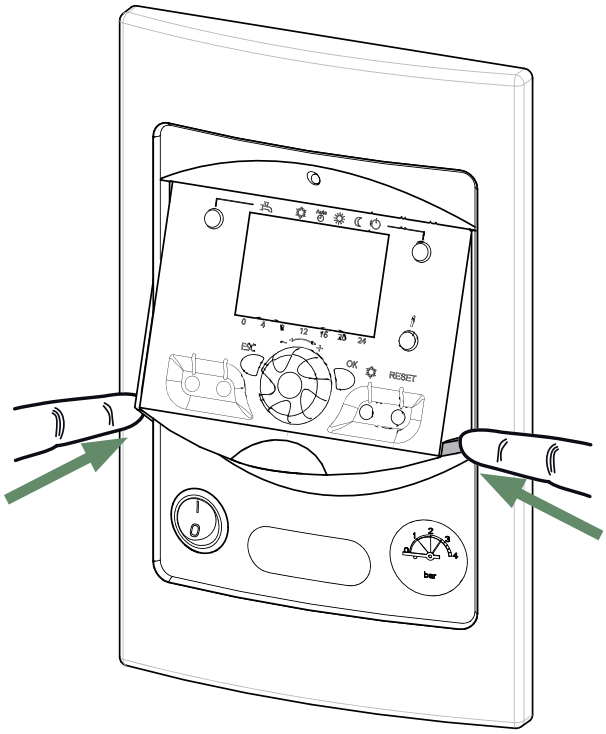


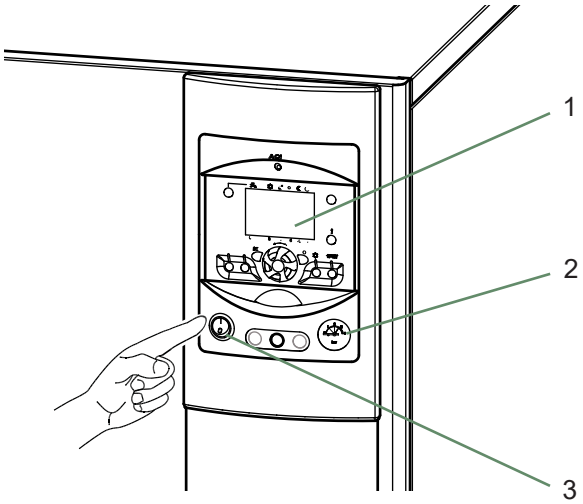
fig. 2 - Closing the display

Appliance start up

The installation and 1st start up of the appliance must be done by a qualified installer. That person will also give you instructions on starting and running the appliance.

- Ensure that the installation is fully filled with water and has been correctly bled and that there is a sufficient pressure of 1.5 to 2 bars on the manometer (ref. 2, fig. 3).
- Close the installation's main circuit breaker.

  In winter, so that the compressor can be preheated, close the installation's main circuit breaker (outdoor unit's power supply) some hours before pressing the on/off button.



1. User interface
2. Manometer (installation hydraulic pressure)
3. Start/stop switch

fig. 3 - Start-up

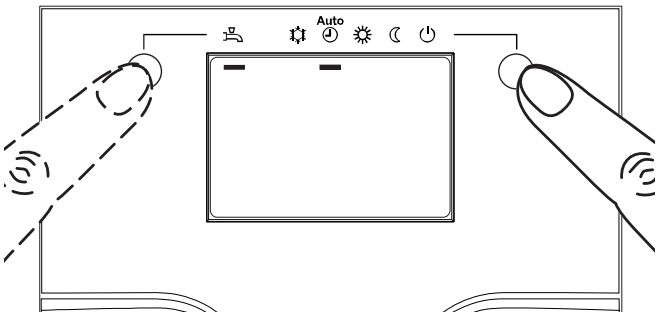


fig. 4 - Selecting the heating mode AUTO and Select the DHW mode

Quick start-up

Once your installer has started your installation for the first time:

- Engage the Start/Stop switch.

  During the regulator initialisation phase, the display shows all the symbols and then "Data, update" and then "State heat pump".
- Select the "AUTO" heating mode (fig. 4).
- Select the DHW mode (fig. 4).
- Adjust the date and time if necessary (fig. 5).

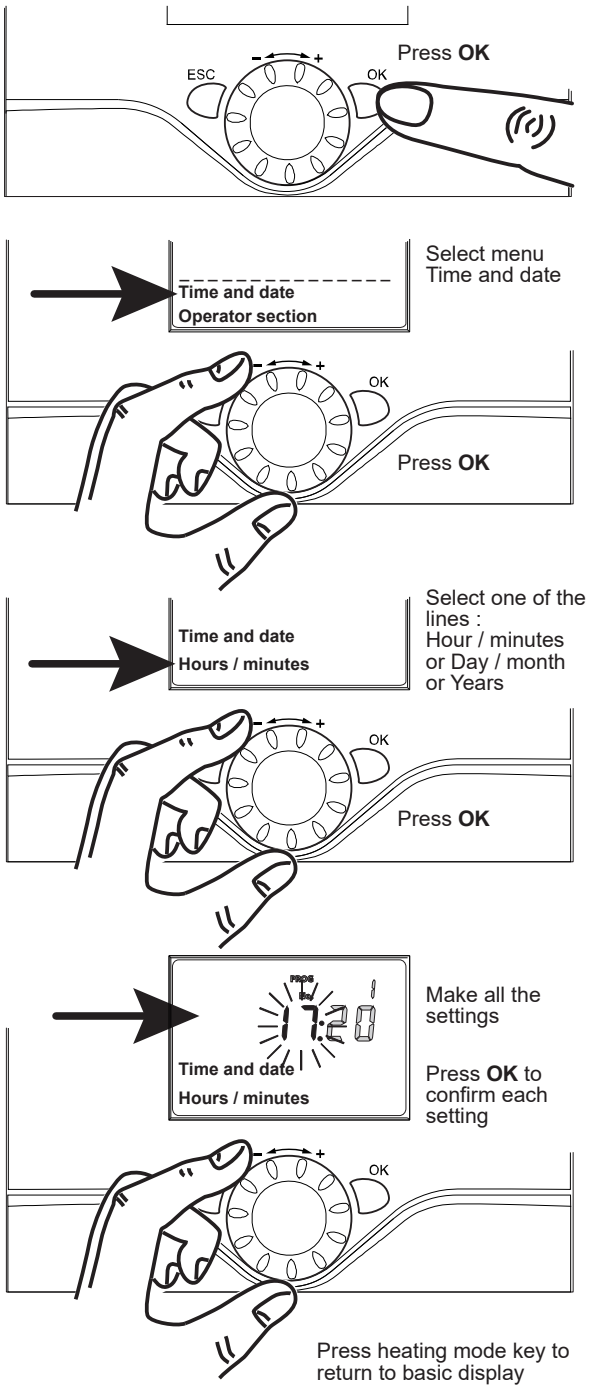


fig. 5 - Setting the time and the date

▶ Setting the time

	Keys	Display example	Description
1	ESC OK	INFO 18:28 20.5°C Room temperature	Basic display If the basic display is not shown, press **ESC** to return to it Press **OK** to confirm.
2	OK	PROG Time and date Operator section	Turn the knob Select menu Time and date Press **OK** to confirm.
3	OK	PROG No. 1 18:28 Time and date Hours / minutes	Turn the knob Select line 1 Hours / minutes Press **OK** to confirm.
4	OK	17:28 Time and date Hours / minutes	The hour display flashes Turn the knob to set the time Press **OK** to confirm.
5	OK	17:20 Time and date Hours / minutes	The minutes display flashes Turn the knob to set the minutes Press **OK** to confirm.
6	Auto	PROG No. 1 17:20 Time and date Hours / minutes	The setting are recorded Turn the knob to make other settings or Press heating mode key to return to basic display.

fig. 6 -

▶ Structure of the “End user” control menu

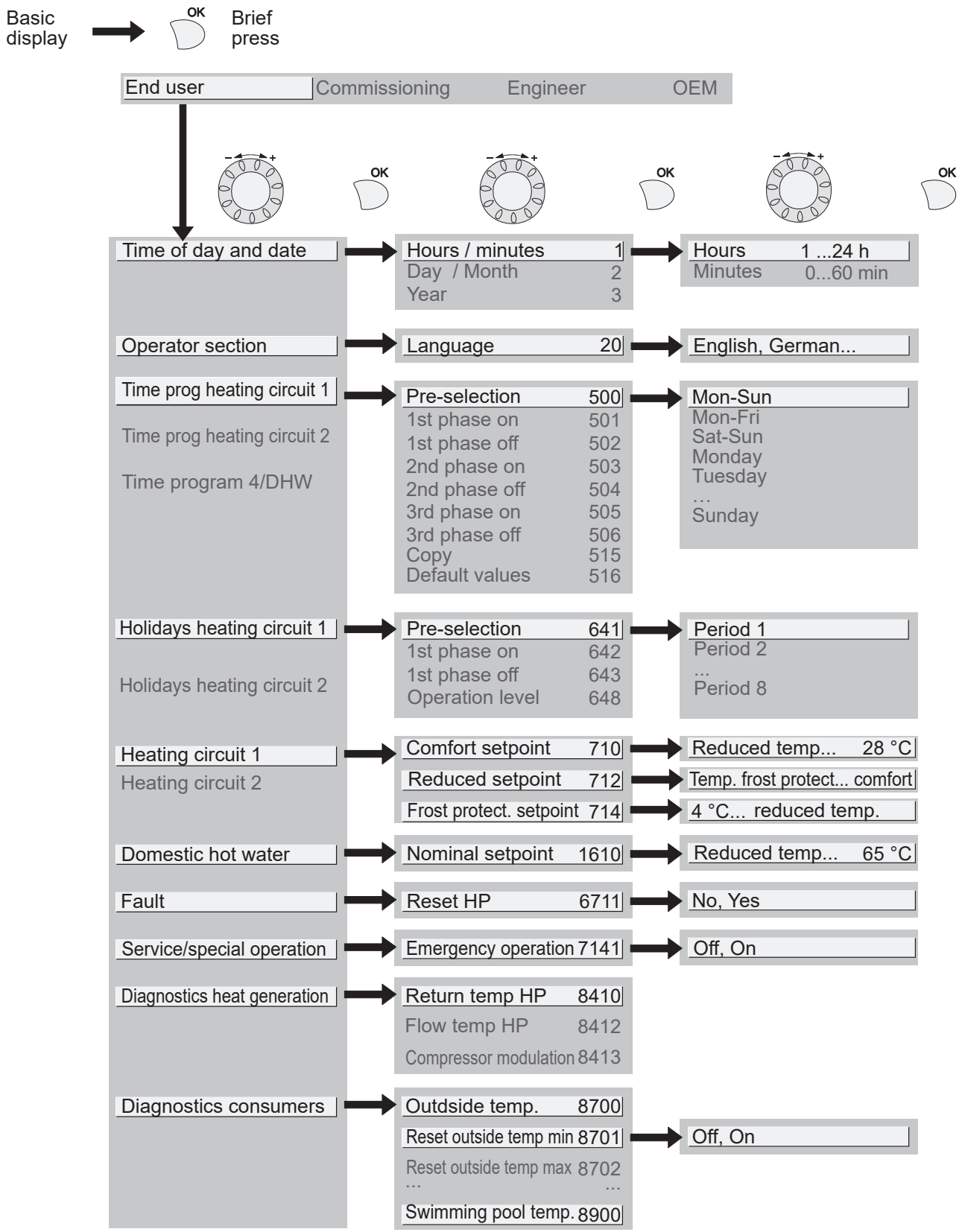


fig. 7 -

▶ Parametering the setting

▼ General

• Only the parameters accessible to levels:

End user

... are described in this document.

• The parameters accessible at level:

Commissioning

Engineer

… are described in the document reserved for these professional specialists.

Do not make any modifications to these parameters without advice from these professional specialists. Incorrect use of any kind may result in serious malfunctioning.

▼ Setting parameters

With the screen on basic display.

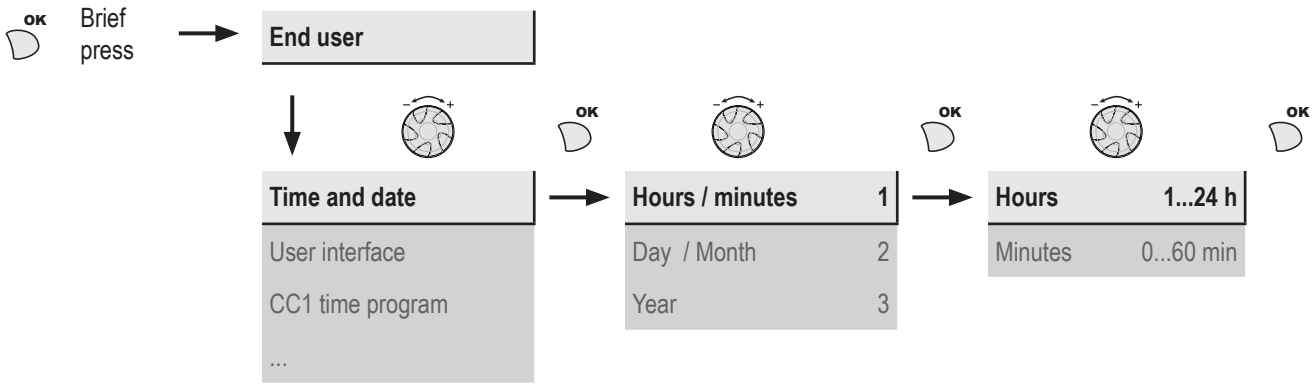
- Press **OK**.

Once in “End user” level.

- Scroll the menu list.
- Choose the desired menu.
- Scroll the function lines.
- Choose the desired line.
- Adjust the parameter.
- Check the setting by pressing **OK**.

- To return the menu, press **ESC**.

If no setting is made for 8 minutes, the screen returns automatically to the basic display.



▶ List of “End user” settings

Ligne	*Fonction*	*Plage de réglage ou affichage*	*Incrément de réglage*	*Réglage de base*
Time of day and date				
1	Hours / Minutes	00:00... 23:59	1	
2	Day / Month	01.01... 31.12	1	
3	Year	1900... 2099	1	
Operator Section				
20	Language	English, Français, Italiano, Nederlands...		***English***

Ligne	Fonction	Plage de réglage ou affichage	Incrément de réglage	Réglage de base
Time program heating / cooling, circuit 1				
500	Pre-selection (Day / Week)	Mon-Sun, Mon-Fri, Sat-Sun, Monday, Tuesday, …		***Mon-Sun***
501	1st phase On (start)	00:00... --:--	10 min	***6:00***
502	1st phase Off (end)	00:00... --:--	10 min	***22:00***
503	2nd phase On (start)	00:00... --:--	10 min	***--:--***
504	2nd phase Off (end)	00:00... --:--	10 min	***--:--***
505	3rd phase On (start)	00:00... --:--	10 min	***--:--***
506	3rd phase Off (end)	00:00... --:--	10 min	***--:--***
516	Default values, Circuit 1	No, Yes		***No***
	Yes + OK: The default values memorised in the regulator replace and cancel the customised heating programs. Your customised settings are therefore lost.			
Time program heating / cooling, circuit 2				
	Only with the 2nd circuit kit option.			
520	Pre-selection (Day / Week)	Mon-Sun, Mon-Fri, Sat-Sun, Monday, Tuesday, …		***Mon-Sun***
521	1st phase On (start)	00:00... --:--	10 min	***6:00***
522	1st phase Off (end)	00:00... --:--	10 min	***22:00***
523	2nd phase On (start)	00:00... --:--	10 min	***--:--***
524	2nd phase Off (end)	00:00... --:--	10 min	***--:--***
525	3rd phase On (start)	00:00... --:--	10 min	***--:--***
526	3rd phase Off (end)	00:00... --:--	10 min	***--:--***
536	Default values, Circuit 2	No, Yes		***No***
	Yes + OK: The default values memorised in the regulator replace and cancel the customised heating programs. Your customised settings are therefore lost.			
Time program 4 / DHW				
	If the installation is fitted with the DHW kit.			
560	Pre-selection (Day / Week)	Mon-Sun, Mon-Fri, Sat-Sun, Monday, Tuesday, …		***Mon-Sun***
561	1st phase On (start)	00:00... --:--	10 min	***00:00***
562	1st phase Off (end)	00:00... --:--	10 min	***05:00***
563	2nd phase On (start)	00:00... --:--	10 min	***14:30***
564	2nd phase Off (end)	00:00... --:--	10 min	***17:00***
565	3rd phase On (start)	00:00... --:--	10 min	***--:--***
566	3rd phase Off (end)	00:00... --:--	10 min	***--:--***
576	Default values	No, Yes		***No***
	Yes + OK: The default values memorised in the regulator replace and cancel the customised heating programs. Your customised settings are therefore lost.			
Holidays, heating circuit 1 (For the Holiday program is active, the heating mode should be on AUTO).				
641	Preselection	Period 1 to 8		***Period 1***
642	Period Start (Day / Month)	01.01... 31.12	1	
643	Period End (Day / Month)	01.01... 31.12	1	
648	Operating level	Frost protection, Reduced		***Frost protection***

Ligne	Fonction	Plage de réglage ou affichage	Incrément de réglage	Réglage de base
Holidays, heating circuit 2 (For the Holiday program is active, the heating mode should be on AUTO).				
	If the installation consists of 2 heating circuits (Only with the 2nd circuit kit option).			
651	Preselection	Period 1 to 8		***Period 1***
652	Period Start (Day / Month)	01.01... 31.12	1	
653	Period End (Day / Month)	01.01... 31.12	1	
658	Operating level	Frost protection, Reduced		***Frost protection***
Heating adjustment, circuit 1				
710	Comfort setpoint	Reduced setpoint… Comfort setpoint maximum	0.5 °C	***20 °C***
712	Reduced setpoint	Frost protection setpoint… Comfort setpoint	0.5 °C	***19 °C***
714	Frost protection setpoint	4 °C… Reduced setpoint	0.5 °C	***8 °C***
Cooling circuit 1 (Only with the cooling kit option)				
901	Operating mode	Protection, Automatic, Reduced, Comfort		***Protection***
902	Comfort cooling setpoint	17... 40 °C	0.5 °C	***24 °C***
903	Reduced setpoint	5... 40°C		***26 °C***
Heating adjustment, Circuit 2				
	Only with the 2nd circuit kit option (If the installation consists of 2 heating circuits).			
1010	Comfort setpoint	Reduced setpoint… Comfort setpoint maximum	0.5 °C	***20 °C***
1012	Reduced setpoint	Frost protection setpoint… Comfort setpoint	0.5 °C	***19 °C***
1014	Frost protection setpoint	4 °C… Reduced setpoint	0.5 °C	***8 °C***
Cooling circuit 2 (Only with the cooling kit option)				
1201	Operating mode	Protection, Automatic, Reduced, Comfort		***Protection***
1202	Comfort cooling setpoint	17... 40 °C	0.5 °C	***24 °C***
1203	Reduced setpoint	5... 40°C		***26 °C***
Domestic hot water				
	If the installation is fitted with the DHW kit.			
1600	Operating mode	Off, On, Eco		***On***
1610	Nominal setpoint	Reduced setpoint (line 1612)… 65 °C	1	***55 °C***
	The backup electrical system is required to reach this level.			
1612	Reduced setting	8 °C... Nominal setting (line 1610)	1	***40 °C***
Swimming pool (Only with swimming pool kit option)				
2055	Setpoint solar heating	8... 80 °C		***26 °C***
2056	Setpoint source heating	8... 35 °C		***22 °C***

Ligne	Fonction	Plage de réglage ou affichage	Incrément de réglage	Réglage de base
Energy meter				
3095 --> 3110	***: Not used***			
3113	Energy brought in		Kwh	--
	Cumulation of total consumed electrical energy. Electrical energy consumed = Electrical energy absorbed by outdoor unit + electric energy absorbed by the heating electrical backup and / or DHW electrical backup (if installed).			
3121 --> 3123	***: Not used***			
3124	Energy brought in heating 1 (N - 1)		Kwh	--
3125	Energy brought in DHW 1		Kwh	--
3126	Energy brought in cooling 1		Kwh	--
3128 --> 3130	***: Not used***			
3131	Energy brought in heating 2 (N - 2)		Kwh	--
3132	Energy brought in DHW 2		Kwh	--
3133	Energy brought in cooling 2		Kwh	--
3135 --> 3137	***: Not used***			
3138	Energy brought in heating 3 (N - 3)		Kwh	--
3139	Energy brought in DHW 3		Kwh	--
3140	Energy brought in cooling 3		Kwh	--
3142 --> 3144	***: Not used***			
3145	Energy brought in heating 4 (N - 4)		Kwh	--
3146	Energy brought in DHW 4		Kwh	--
3147	Energy brought in cooling 4		Kwh	--
3149 --> 3151	***: Not used***			
3152	Energy brought in heating 5 (N - 5)		Kwh	--
3153	Energy brought in DHW 5		Kwh	--
3154	Energy brought in cooling 5		Kwh	--
3156 --> 3158	***: Not used***			
3159	Energy brought in heating 6 (N - 6)		Kwh	--
3160	Energy brought in DHW 6		Kwh	--
3161	Energy brought in cooling 6		Kwh	--
3163 --> 3165	***: Not used***			
3166	Energy brought in heating 7 (N - 7)		Kwh	--
3167	Energy brought in DHW 7		Kwh	--
3168	Energy brought in cooling 7		Kwh	--
3170 --> 3172	***: Not used***			
3173	Energy brought in heating 8 (N - 8)		Kwh	--
3174	Energy brought in DHW 8		Kwh	--
3175	Energy brought in cooling 8		Kwh	--
3177 --> 3179	***: Not used***			

Ligne	Fonction	Plage de réglage ou affichage	Incrément de réglage	Réglage de base
3180	Energy brought in heating 9 (N - 9)		Kwh	--
3181	Energy brought in DHW 9		Kwh	--
3182	Energy brought in cooling 9		Kwh	--
3184 --> 3186 : Not used				
3187	Energy brought in heating 10 (N - 10)		Kwh	--
3188	Energy brought in DHW 10		Kwh	--
3189	Energy brought in cooling 10		Kwh	--
390 --> 3267 : Not used				
Error				
6710	Reset Defaut relais	No, Yes		***No***
6711	Reset HP	No, Yes		***No***
Maintenance / special regime				
7141	Emergency operation	Off, On		***Off***
	Off: Heat pump functions normally (with boosters if necessary). On: Heat pump uses the electric boost system or the boiler connection. Use the “On” position only in Assist mode or Test mode: may result in high power bills.			
Generator diagnosis				
8410	Return temp HP	0... 140 °C		--
	Setpoint (flow) HP			--
8412	Flow temp HP	0... 140 °C		--
	Setpoint (flow) HP			--
8413	Compressor modulation	0... 100%		--
Diagnostics consumers				
8700	Outdoor temperature	-50... 50 °C		--
8701	Outdoor temp min Reset ? (no, yes)	-50... 50 °C		***50 °C***
8702	Outdoor temp max Reset ? (no, yes)	-50... 50 °C		***-50 °C***
8740	Room temperature 1	0... 50 °C		--
	Room setting 1			***20 °C***
8743	Flow temperature 1	0... 140 °C		--
	Flow temperature setpoint 1			--
8756	Cooling flow temperature 1	0... 140 °C		--
	Cooling flow temperature setpoint 1			--
8830	DHW (domestic hot water) temperature	0... 140 °C		--
	DHW temperature setpoint			***50 °C***

Information display

Various data can be displayed by pressing the info button i .

Depending on the type of unit, configuration and operating state, some of the info lines listed below may not appear.

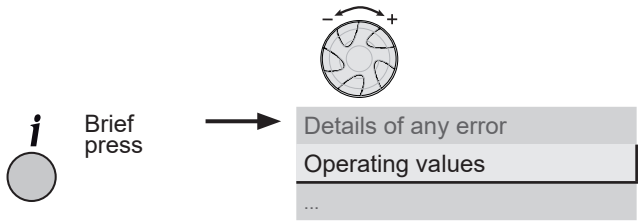


fig. 10 - Information key

- Possible error messages: The display shows the “Bell” symbol 🔔 .

Consult your heating technician.

- Service messages ; Special mode messages: The display shows the “Key” symbol 🔧 .

Consult your heating technician.

- Various data (see below).

Designation	*Line*
Floor drying current setpoint .	-
Current drying day.	-
Terminated drying days.	-
State heat pump.	8006
State supplementary source.	8022
State DHW.	8003
State swimming pool.	8011
State heating circuit 1.	8000
State heating circuit 2.	8001
State cooling circuit 1.	8004
Outdoor temperature.	8700
Room temperature 1.	8740
Room setpoint 1.	
Flow temperature 1.	8743
Flow temperature setpoint1.	
Room temperature 2.	8770
Room setpoint 2.	
Flow temperature 2.	8773
Flow temperature setpoint 2.	
DHW (domestic hot water) temperature.	8830
Heat pump return temperature.	8410
Setpoint (return) HP.	
Heat pump flow temperature.	8412
Setpoint (flow) HP.	
Swimming pool temperature.	8900
Swimming pool temperature setpoint.	
Minimum remaining stop time for compressor 1.	-
Minimum remaining running time for compressor 1.	-

Details

If the electrical power supply has been cut off while the heat pump is operating (electrical power failure or unprogrammed pressing of the on/off switch on the hydraulic unit) the display will show error 370 when the appliance restarts. Do not be concerned, the communication between the outdoor and hydraulic unit will re-establish itself in a few moments.

Operation of the DHW system*

The key enables you to switch the DHW (domestic hot water) mode on and off. The selection is shown by a bar, which appears under the corresponding symbol.

Manual activation: Hold down the DHW key for 3 seconds (Switch from “reduced” to “nominal” until the next time the DHW timer switches over).

To ensure a DHW setting over 45°C, the electrical back-up heating or the boiler must be left on.

In order to optimise operation of the DHW, it is possible to:

- Program the timer settings (parameters **560** to **576**),
- Adjust the comfort temperature set point (parameter **1610**),
- Adjust the reduced temperature set point (parameter **1612**).

Press the info key i to obtain the details on the DHW (temperature setting operation).

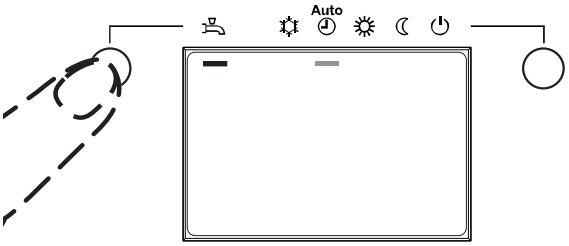


fig. 8 - Select the DHW mode

Selecting cooling mode*

If the installation is fitted with the cooling kit.

The key activates and deactivates cooling mode.

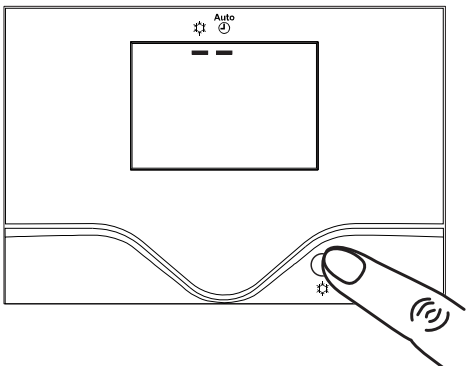


fig. 9 - Selecting cooling mode

▶ Pilot wire* (if AVS 55 kit)

It's possible to order up to 15 electric heaters via output "pilot wire".

The "pilot wire" handles only the hourly operation of electric heaters (comfort mode / reduced mode commutation and Frost protection mode).

The comfort temperature setting should be done directly on the electric heater(s). The "pilot wire" does not handle the temperature of the electric heaters. Refer to the manual supplied with the electric heater(s).

Put the electric heaters on "PROG" mode or "AUTO" mode for piloting by the regulation board.

The difference between the comfort temperature and the reduced temperature is from 3.5°C.

Frost protection temperature is set directly on the electric heaters. Refer to the manual supplied with the electric heater(s).

In the absence of signal, electric heaters operating in comfort mode.

▶ Telephone modem* (if AVS 55 kit)

It is possible to command the switching of the heating mode to the "freeze" protection mode / reduced (and vise versa) on the heat pump using a modem contact.

The telephone command switches the current heat pump settings to "freeze" protection mode / reduced (and vise versa). In accordance with the setting, any temperature requests from the heating circuits and the DHW are ignored or activated.

The "freeze" protection mode / reduced must not be selected on the heat pump and/or the remote control.

See with your installer.

▶ Configuring room control unit* (option)

In the event that the room control unit (see page 6), is used, on start-up, after initialising for around 3 minutes, the language needs setting:

- Press **OK**.
- Choose menu "Operator section".
- Choose language "Language" **English**.

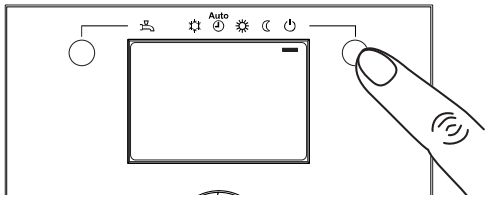


fig. 11 - Selecting the frost protection

Maintenance

In order to ensure that your appliance operates correctly for many years, the maintenance operations described below are required at the start of each heating season. They are generally carried out as part of a maintenance contract.

▶ Regular checks

- Check the water pressure in the heating circuit regularly (refer to the installer's recommended pressure - between 1 and 2 bar)
- If a filling operation and a pressure increase are required, check what type of fluid was used initially (when in doubt, contact your installer).

- If frequent refills are required it is absolutely essential that you check for any leaks.

The frequent addition of water risks scaling the exchanger and affects its performance and lifespan.

▶ Checking the outdoor unit

Remove any dust from the exchanger, if necessary, while making sure not to damage the blades.

Check that there is nothing blocking the air flow.

▼ Checking the refrigeration circuit

Consult your heating technician.

▶ Domestic hot water tank*

Maintenance on the tank must be carried out annually (frequency may vary according to water hardness).

Consult your heating technician.

* according configuration / option

End-of-life of the appliance

The appliances must be dismantled and recycled by a specialised service. The appliances must not, under any circumstances, be thrown out with household waste, bulky waste or at a tip.

At the end of its service life, please contact your installer or local representative to proceed with its dismantling and recycling.

This unit is identified by this symbol. It means that all electrical and electronic products must not be included in household waste.
A specific recycling system for this type of product has been set up in European Union countries (*), Norway, Iceland and Liechtenstein.
Do not try to dismantle this product yourself. It may have damaging effects on your health or on the environment.
Reprocessing of the refrigerant, lubricant and other parts may be performed by a qualified installer in compliance with the local and national legislation in force.
This unit must be recycled by a specialised service and in no case may it be thrown away with household waste, rubble or in a landfill.
Please contact your installer or local representative for more .
* Depending on the national regulations of each member state.

Subject to modifications without notice. Non contractual document.

Date of installation :

Contact of your heating technician or your after-sales service.

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