

# VIESSMANN

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**Vitotronic 300K GW6B**  
**Vitotronic 300K MW2C**  
**Touch Screen Controls**

# Vitotronic 300K **GW6B** for Vitocrossal 200 CM2

## Three Application Configurations

- Single Boiler operation.
  - OA reset with three Heating circuits + DHW + Ext dmd.
- Cascade + Master
  - Cascade control for up to 8 boilers.
  - OA reset with three Heating circuits + DHW + Ext dmd.
- Slave Boiler
  - Part of a Cascade system.
- Application type is set in the Startup Wizard.

### Note:

*Menus in control may not appear exactly as shown in this presentation.*



Single Boiler



Cascade + Master



Slave

# Vitotronic 300K MW2C for Vitodens 200

## Cascade Control

- Dedicated Cascade
  - Cascade control for up to 8 boilers.
  - OA reset with three Heating circuits + DHW + Ext dmd.

Cascade



### Note:

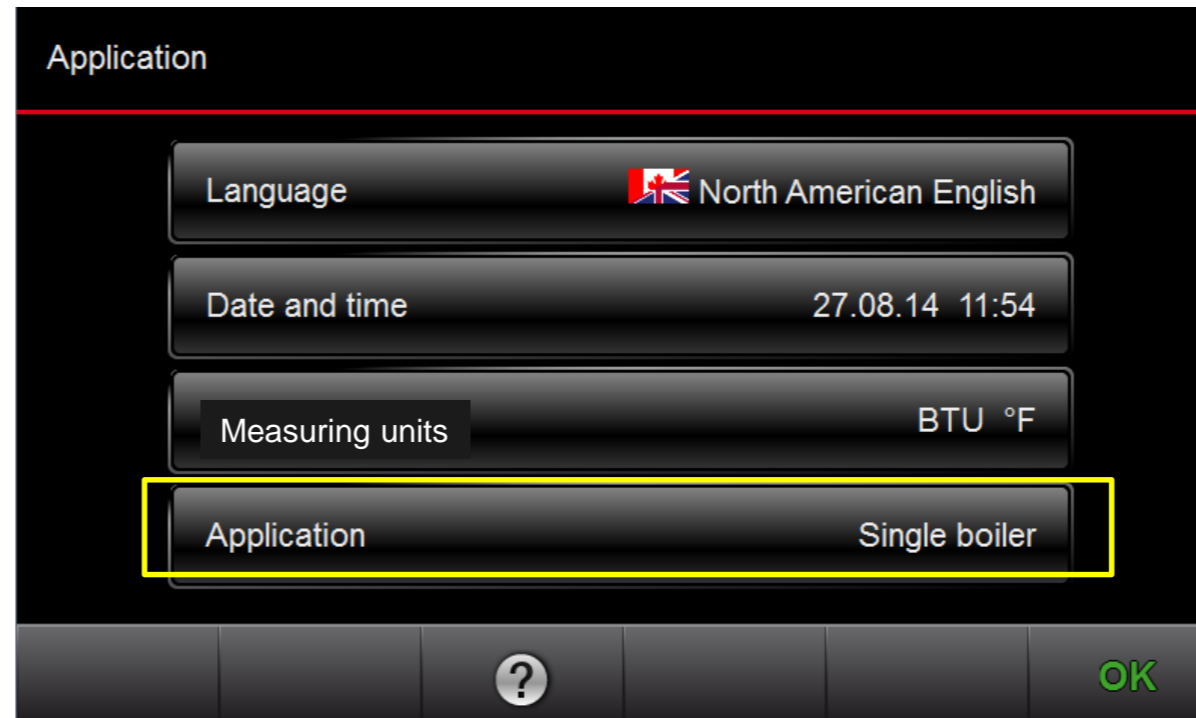
*Menus in control may not appear exactly as shown in this presentation.*

# Vitotronic 300K **GW6B** for Vitocrossal 200 CM2

## Startup Wizard

- The control incorporates a Startup Wizard which speeds up the commissioning process.
- Language, Date & Time, Measuring Units and Basic Coding, can be set in the Wizard.
- The GW6B can be configured as one of three different control applications so the option of choosing the Application is also available.

Note:  
*Menus in control may not appear exactly as shown in this presentation.*

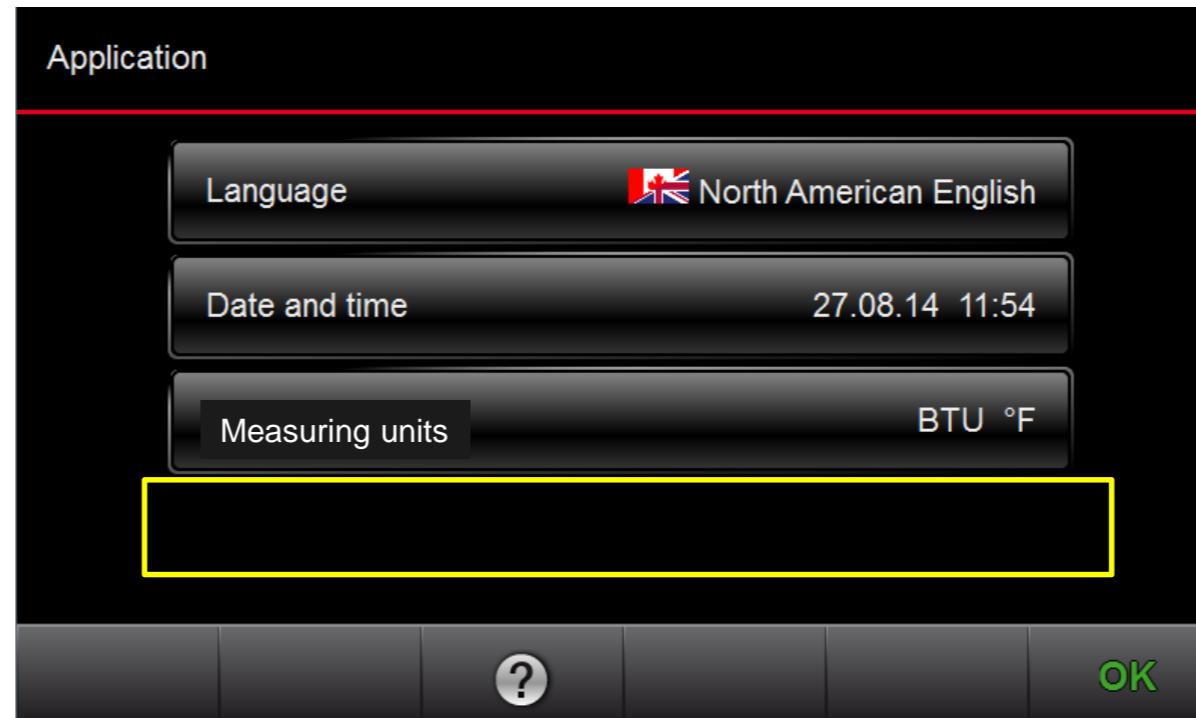


# Vitotronic 300K MW2C Cascade Control

## Startup Wizard

- The control incorporates a Startup Wizard which speeds up the commissioning process.
- Language, Date & Time, Measuring Units and Basic Coding, can be set in the Wizard.
- Because the MW2C is a dedicated cascade it does not need the application option the GW6B control does.

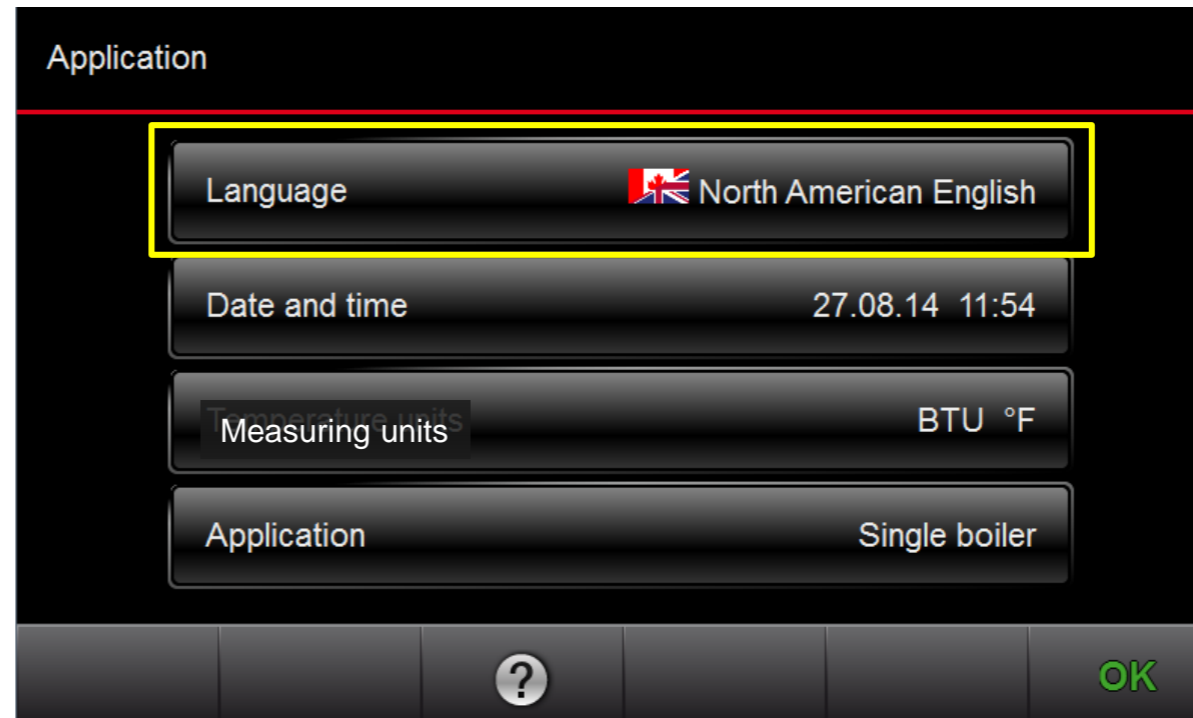
Note:  
Menus in control may not appear exactly as shown in this presentation.



# Vitotronic 300K GW6B & MW2C

## Language Selection In The Startup Wizard.


- Tap Language to access the language selection screen.



# Vitotronic 300K GW6B & MW2C

## Language Selection In The Startup Wizard.

The control now has:

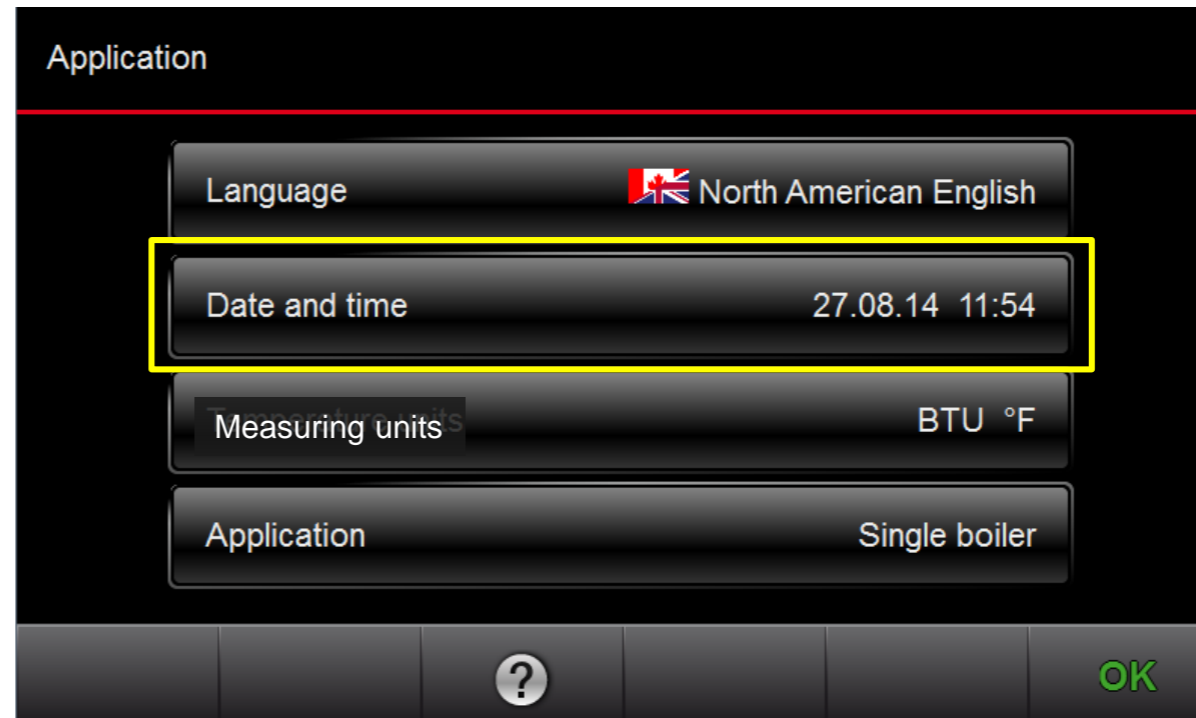
- North American English option.
- French Canadian French option.
- Tap the desired language to select.
- Tap OK  to save the selection.



# Vitotronic 300K GW6B & MW2C

## Setting Date And Time In The Startup Wizard

- The Date and Time menu comes up in the Startup Wizard when the control is commissioned.
- Tap “Date and time” to enter the date and time parameters.



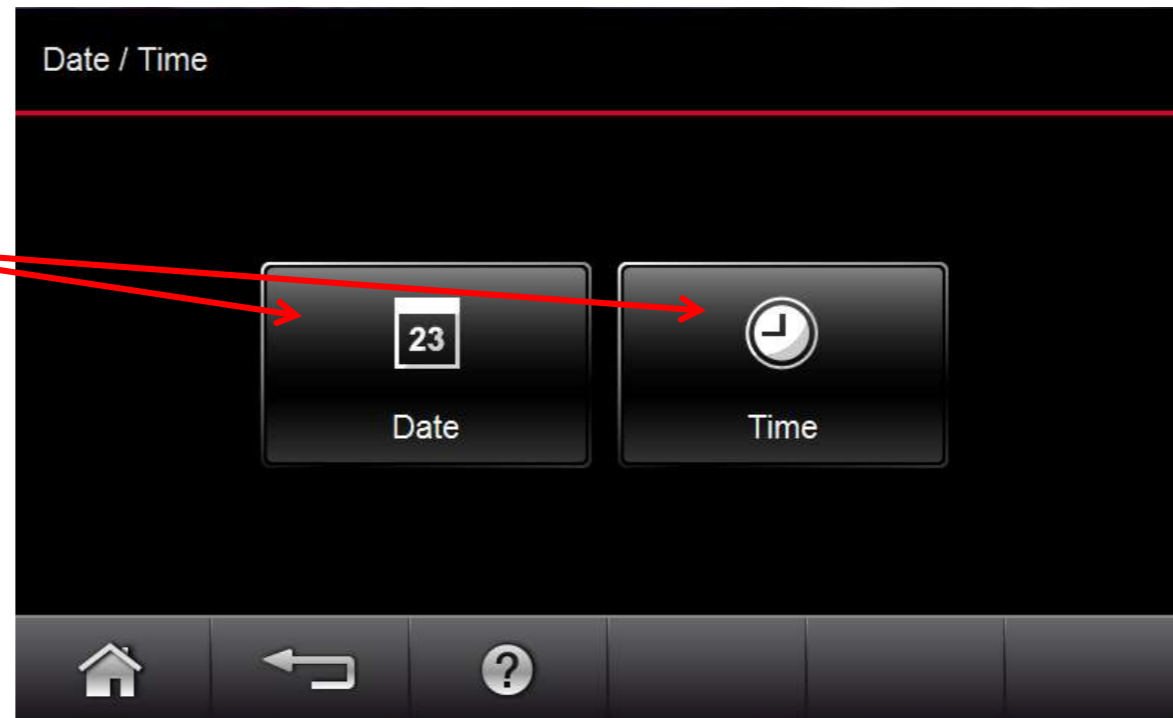


# Vitotronic 300K GW6B & MW2C

## Setting Date And Time

**From the home screen tap the following icons:**

1. "Menu".
2. "Settings".
3. "Date / Time".
4. "Date" or "Time".



# Vitotronic 300K GW6B & MW2C

## Setting Date And Time

**From the home screen tap the following icons:**

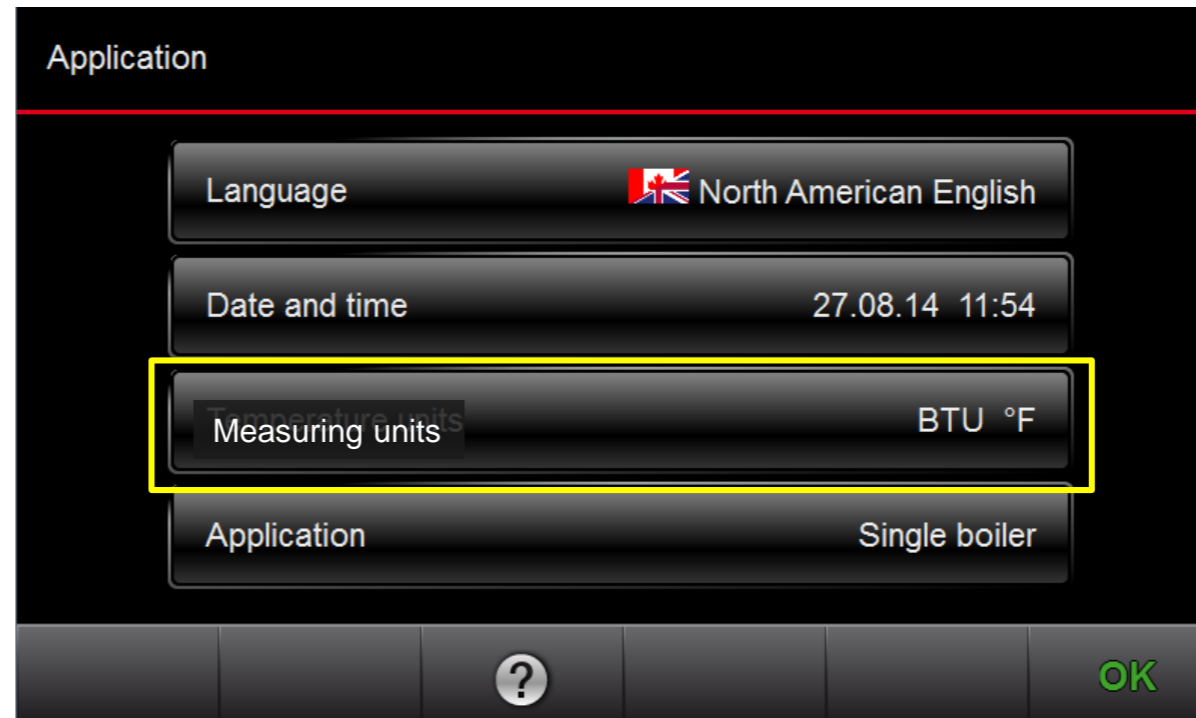
1. "Menu".
2. "Settings".
3. "Date / Time".
4. "Date" or "Time".
5. Set the required values.
6. Tap "OK" to confirm.



# Vitotronic 300K GW6B & MW2C

## Setting Measuring Units In The Startup Wizard

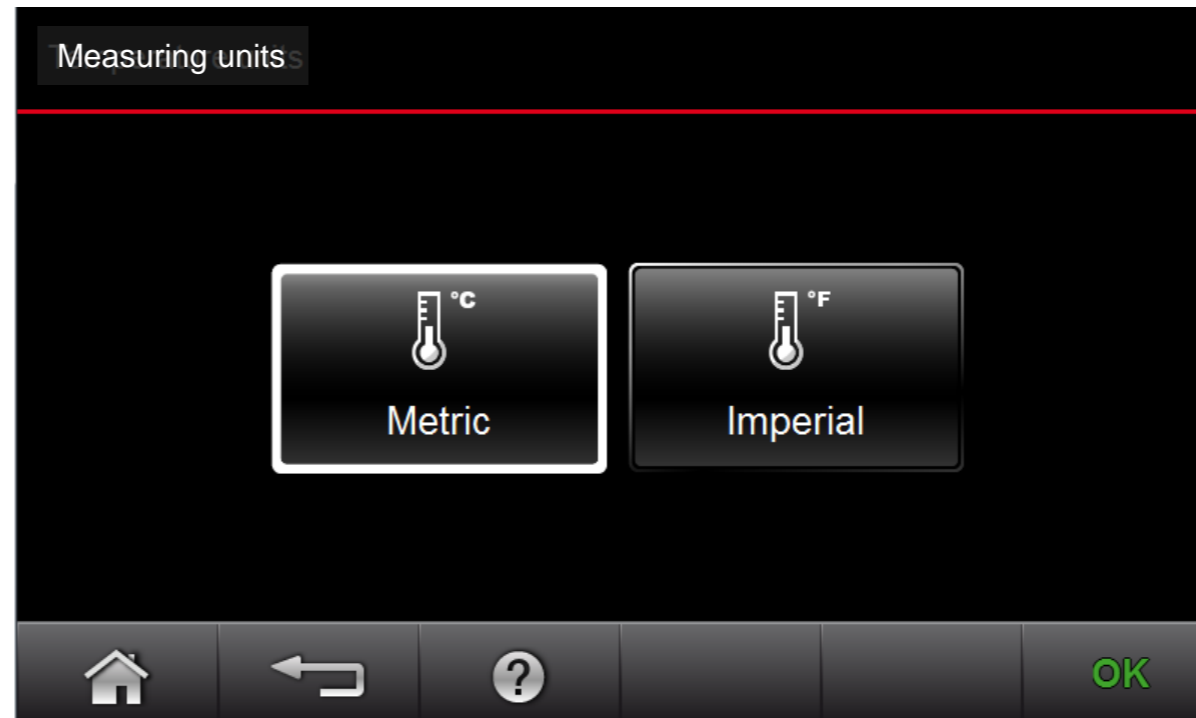
- The Measuring Units menu comes up in the Startup Wizard when the control is commissioned.
- Tap “Measuring units” to set the engineering units to Metric or Imperial.



# Vitotronic 300K GW6B & MW2C

## Setting Measuring Units

- Metric, for Celsius and kW.
- Imperial, for Fahrenheit and BTU.



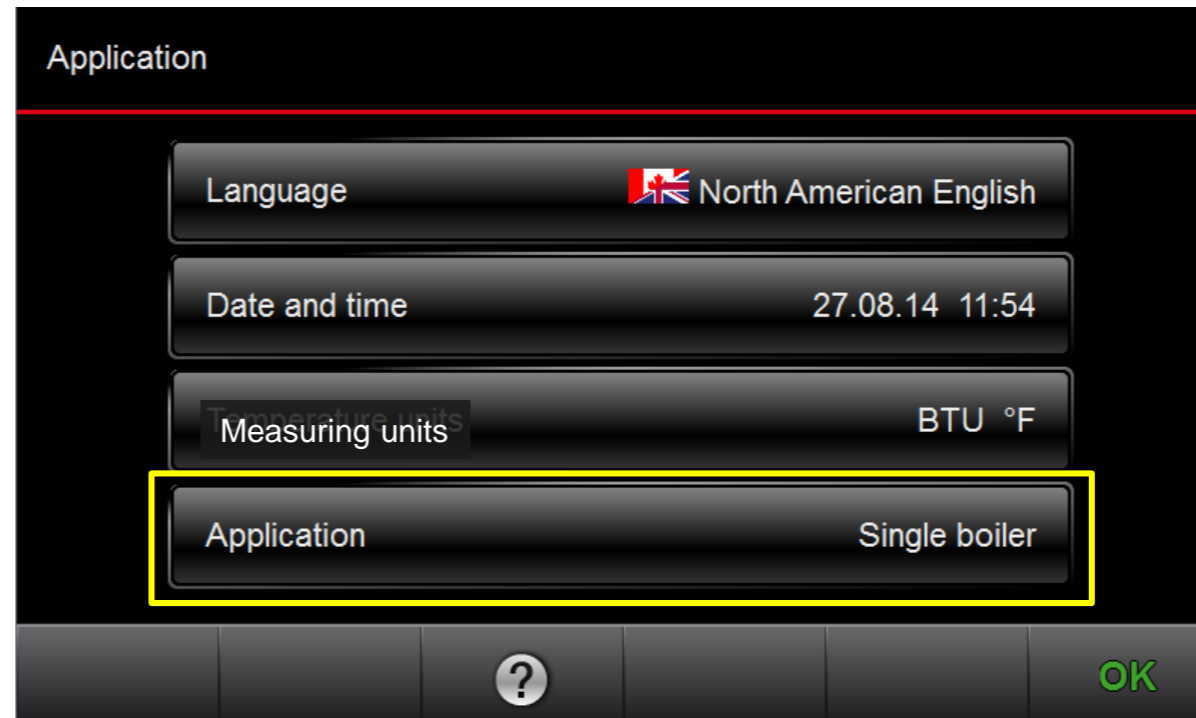
# Vitotronic 300K **GW6B** for Vitocrossal 200 CM2

## Setting The application Type In The Startup Wizard

- The application Type menu comes up in the Startup Wizard when the control is commissioned.
- Choose from:
  - **Single boiler** (stand alone boiler).
  - **Cascade + Master** (cascade control and master boiler control).
  - **Lag boiler** (lag boiler in a system using the Viessmann Cascade).

All options can be integrated into a BMS

Changing the “Application” later requires running the Startup Wizard again.



# Vitotronic 300K GW6B & MW2C

## Basic Coding

- After the application type is set the control will reboot into the selected configuration.
- A prompt will appear asking if you want to make further changes.
  - Selecting “Yes” will open up Coding level 1.
  - Selecting “No” will close the “Setup” prompt screen and take the control to the home screen.



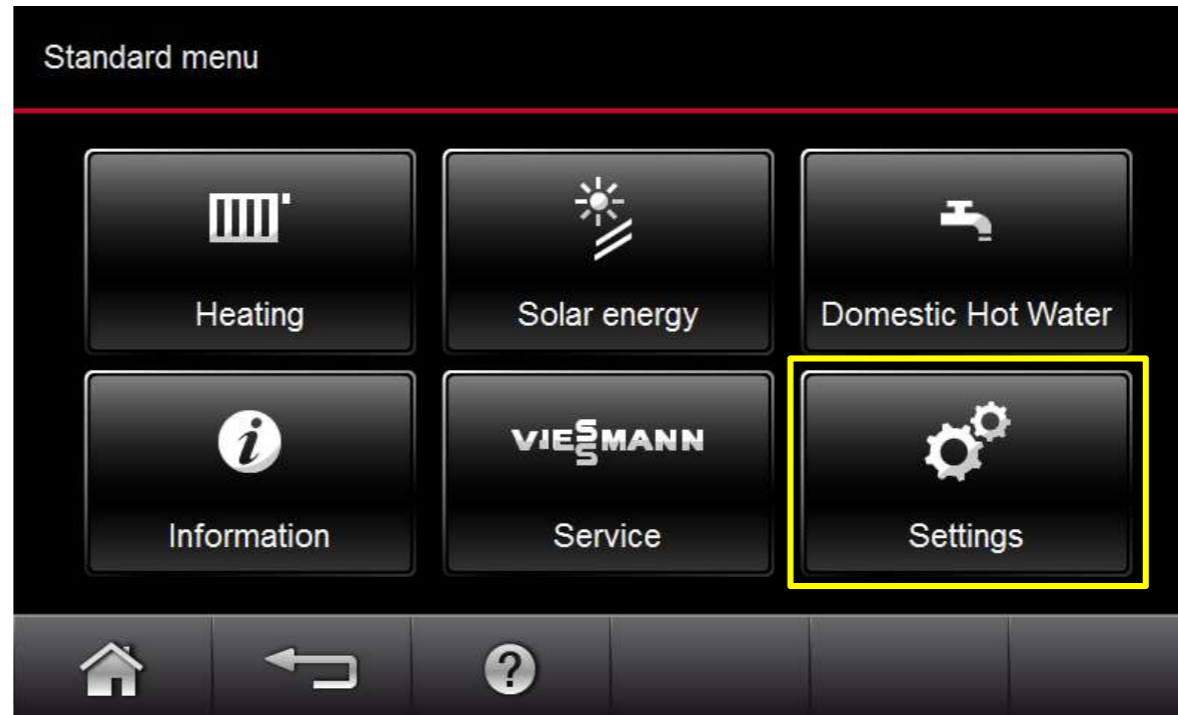
# Vitotronic 300K GW6B & MW2C

## Changing Settings After Commissioning

- Except the application type, The items set in the wizard during startup can be adjusted later in the settings menu.
  - The Application type. This can only be changed by running the wizard again.

**From the home screen tap the following icons:**

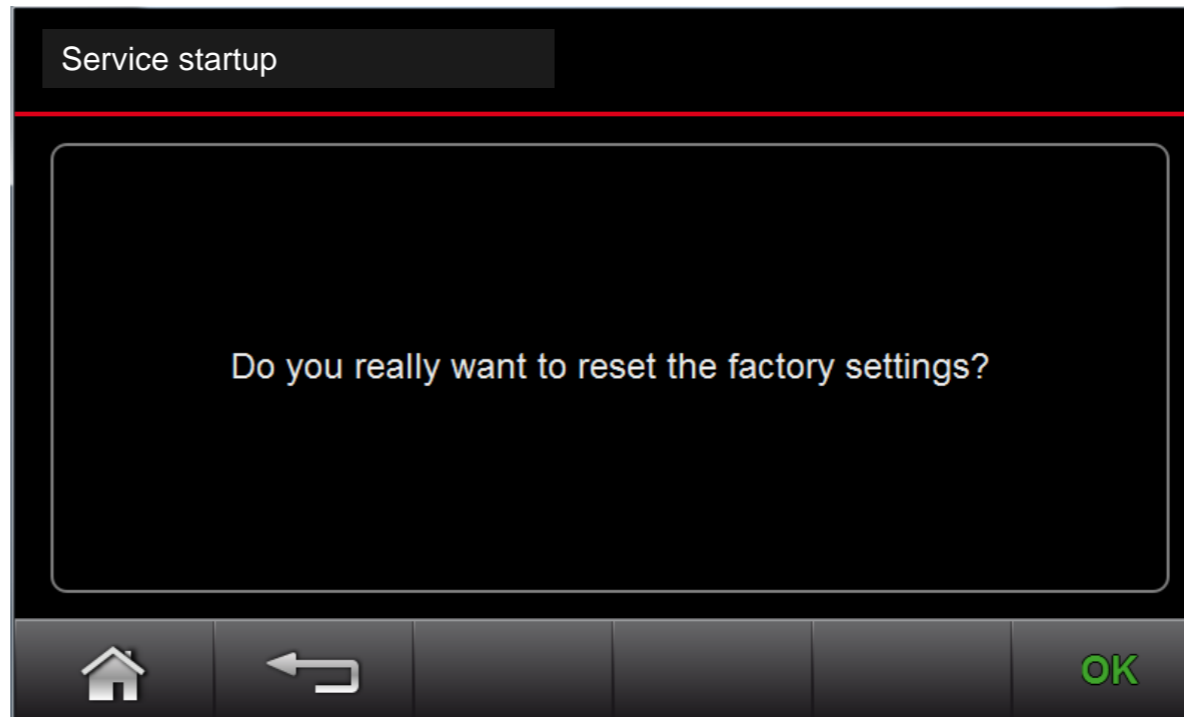
1. “Menu”.
2. “Settings”.



# Vitotronic 300K GW6B & MW2C

## Reopening The Startup Wizard

- The Startup Wizard can be accessed later under the “Service” menu by tapping the “Startup” icon.
- **NOTE:** This will re-start the control to Factory Settings and the commissioning procedures will need to be re-entered.
- **All data and settings from a previous commissioning session will be lost.**





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**Vitotronic 300K GW6B**

**Single Boiler Mode**

**Screen Menus**

# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## Single Boiler Mode Home Screen

- Real time Read Only parameters.
  - These are parameters that can be read from the home screen.

Currently displayed heating circuit

Current date and time

Outdoor temperature

Boiler water temp

Context help

Menu Heating circuit 1 2 3 18.07.14 11:58

14° 20°

Comfort Eco

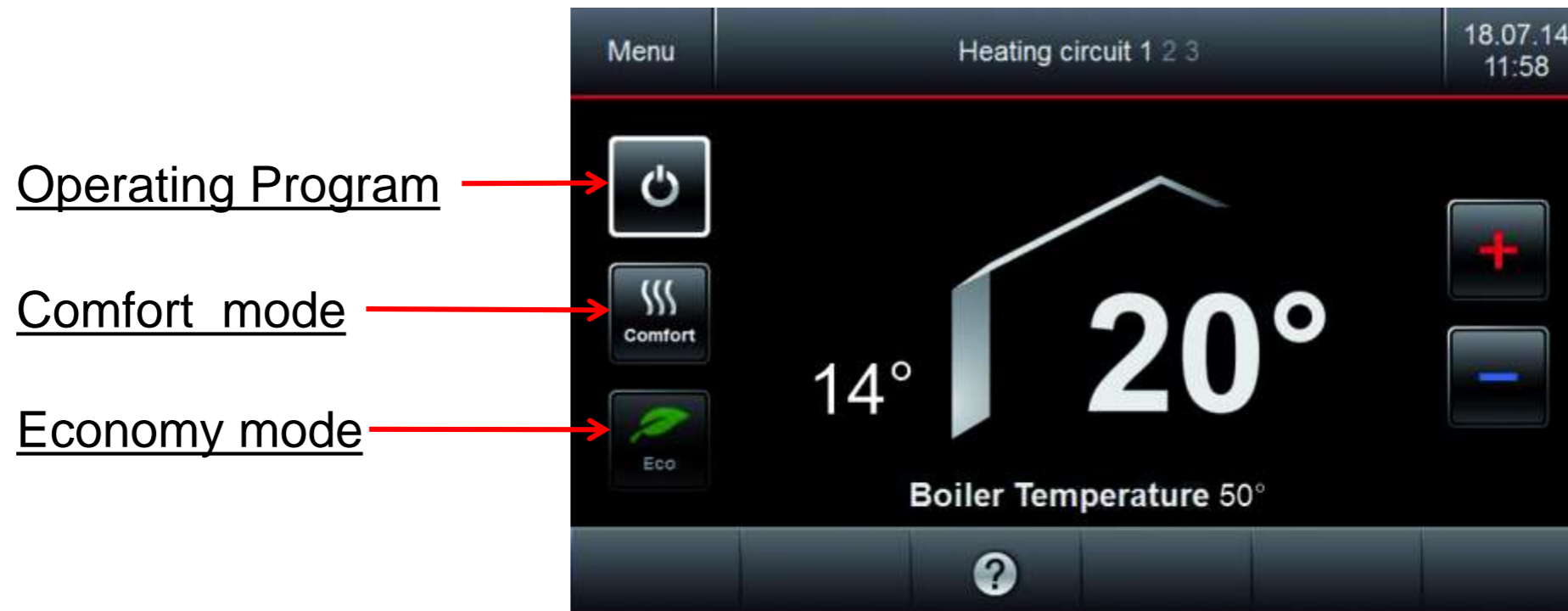
Boiler Temperature 50°

?

# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## Single Boiler Mode Home Screen

- Real time Adjustable parameters.
  - Tap to access the adjustable parameters.



# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## Single Boiler Mode Home Screen

- Other symbols may appear depending on system conditions.



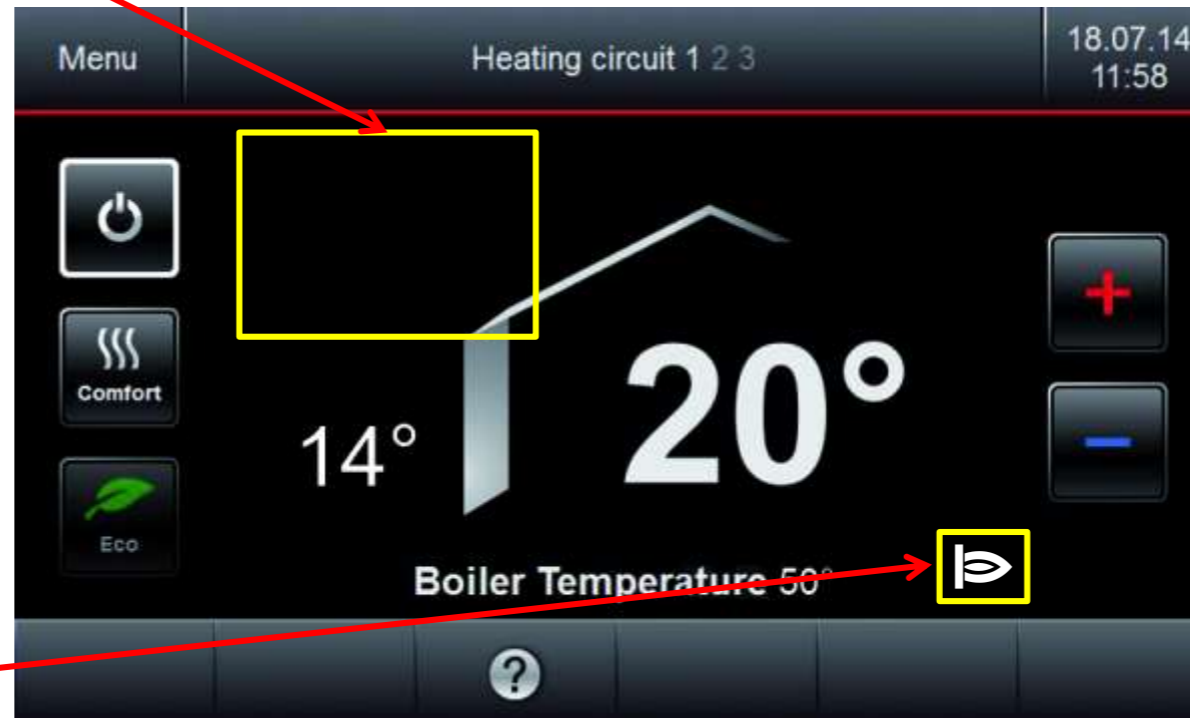
Frost Protection mode active (Snow Flake).



Comfort Mode Schedule active (Sun).



Reduced Mode Schedule active ( Moon).

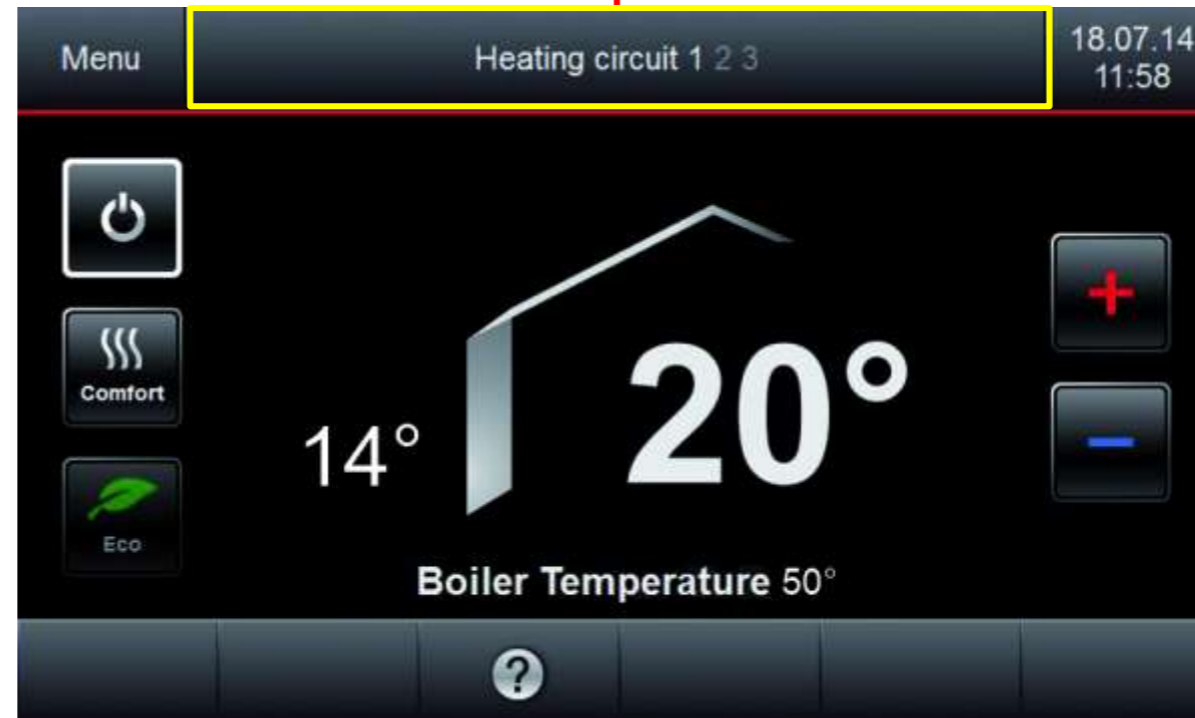
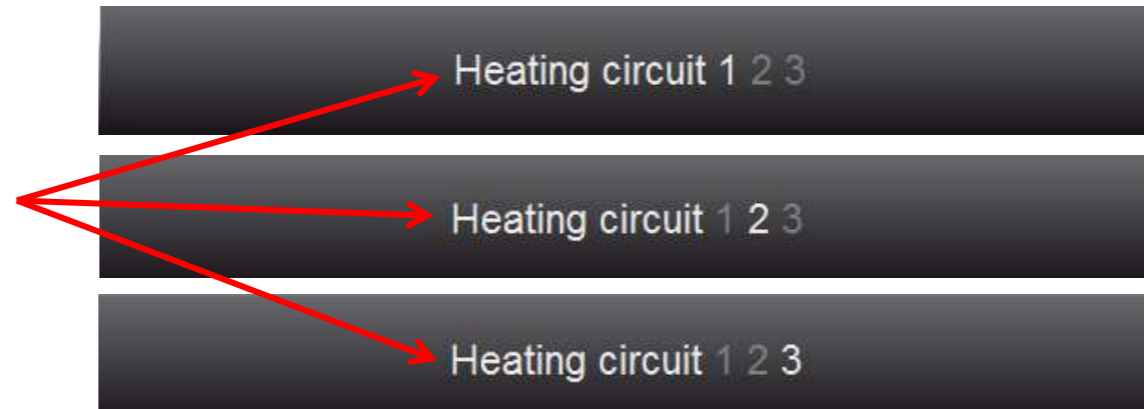


Burner On

# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## Single Boiler Mode Home Screen

Tap to select the heating circuit to view or adjust.



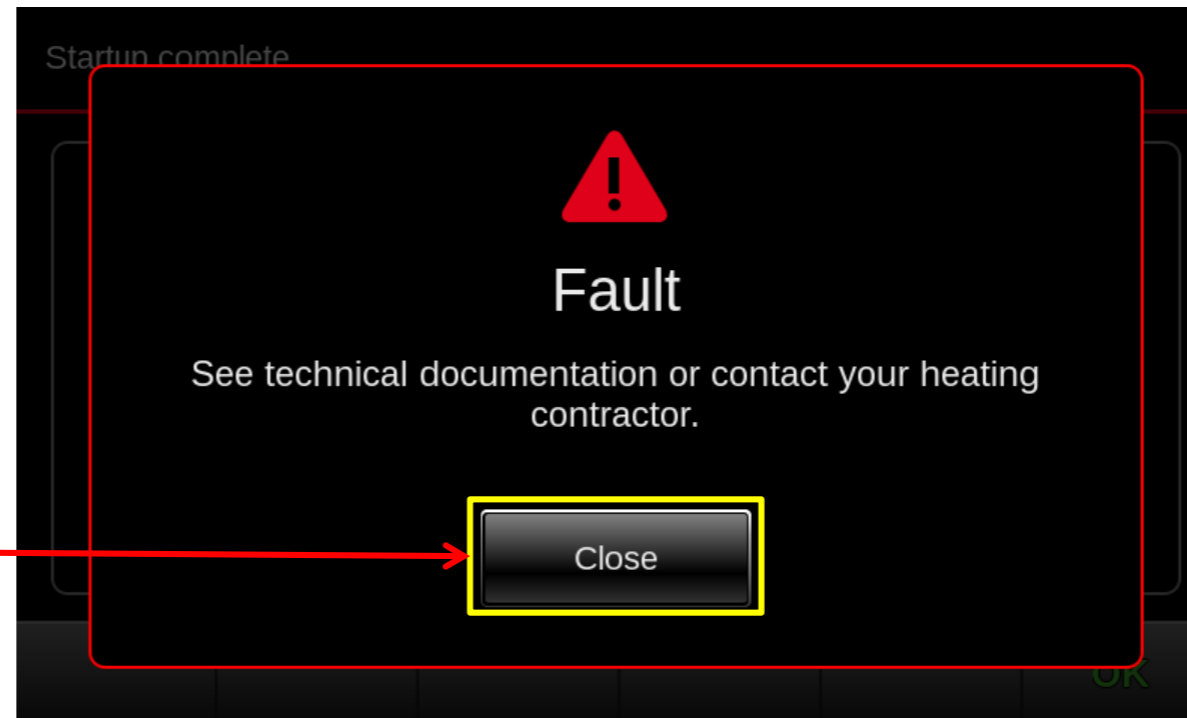
# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## Information Regarding Faults

- When the fault first occurs, a larger fault flag will appear as a popup on the screen.

Note:  
Same functions are available for MW2C  
Screen may appear different.

Tap “Close” to  
acknowledge  
the fault.



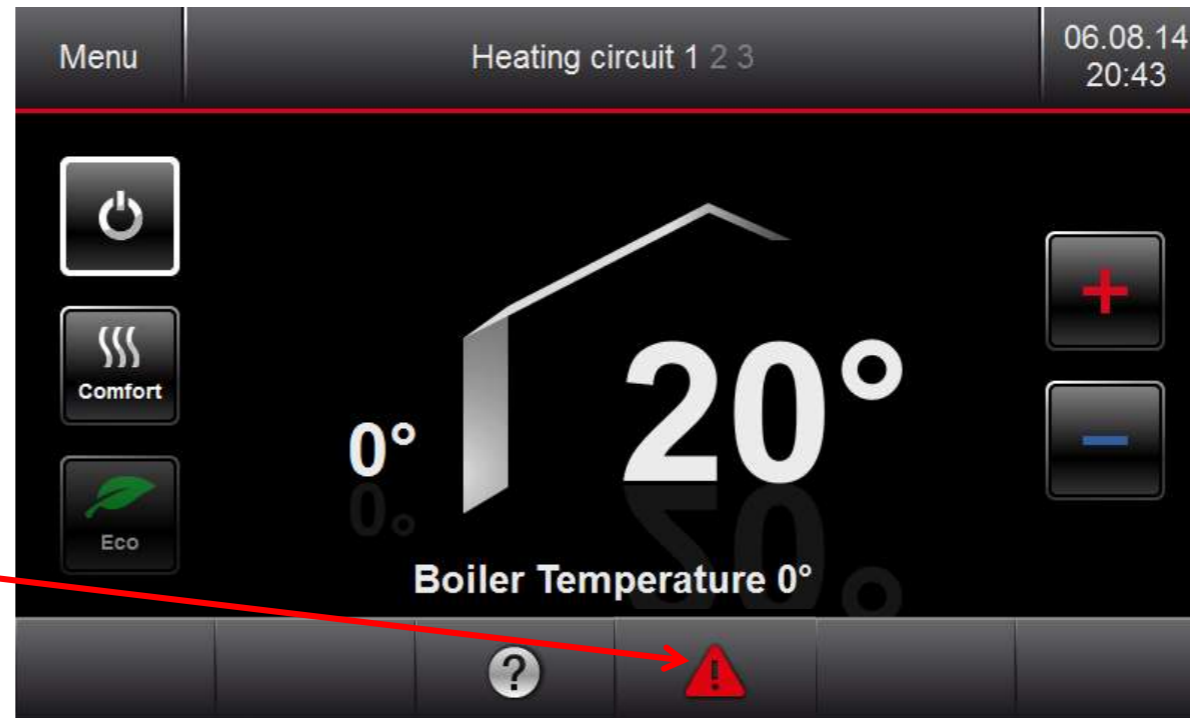
# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## Information Regarding Faults

- When an active fault is present the fault symbol will be displayed at the bottom of the screen.

Note:  
Same functions are available for MW2C  
Screen may appear different.

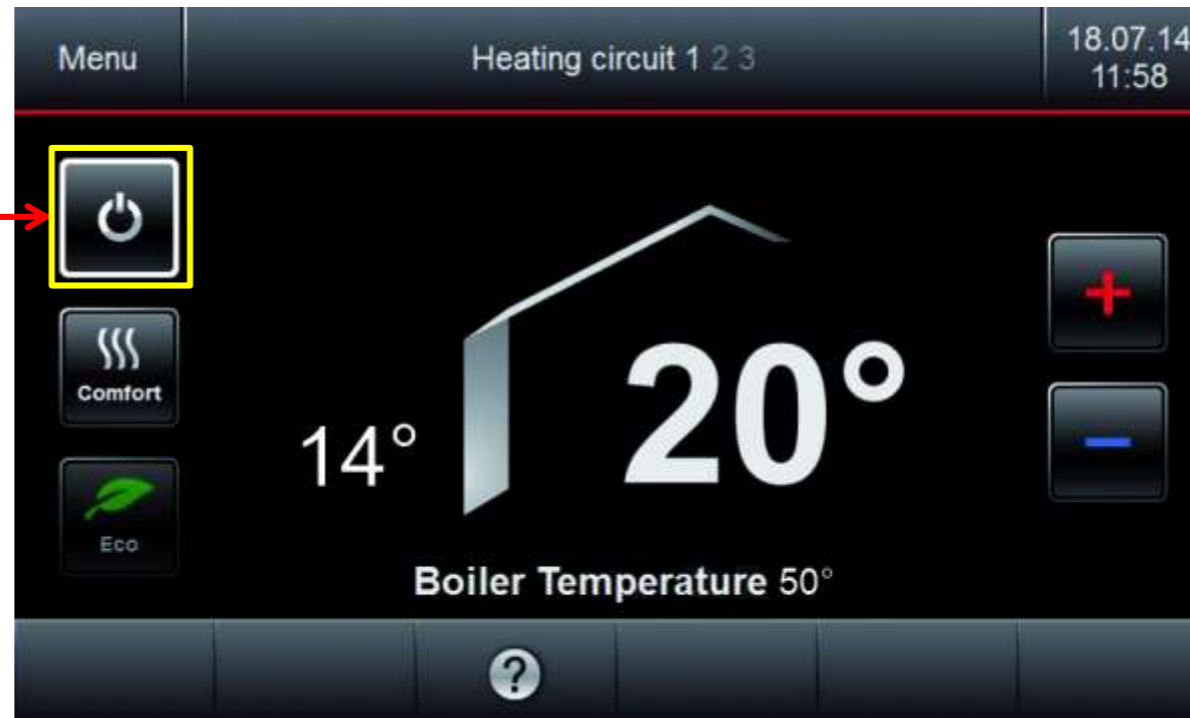
Fault symbol



# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## Operating Program

Tap to select the operating program for the selected heating circuit.



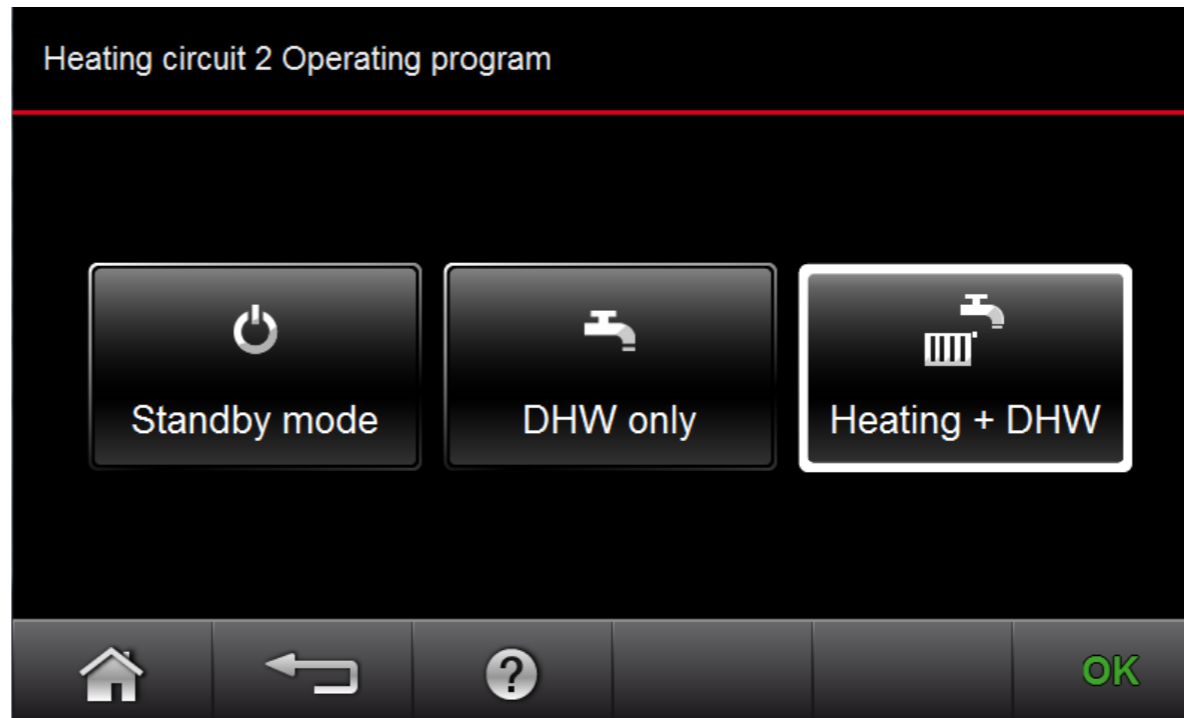


# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## Operating Program

- Each heating circuit (HC1, HC2, HC3 if connected) can be individually set to operate in one of three modes.
  - **Standby**: Only frost protection is provided.
  - **DHW Only**: DHW is active and parameters are disabled.
  - **Heating + DHW**: Both heating and DHW functions are active.
    - If there is no DHW equipment connected to the system, this mode is heating only.

Control shown set for  
Heating + DHW Mode.

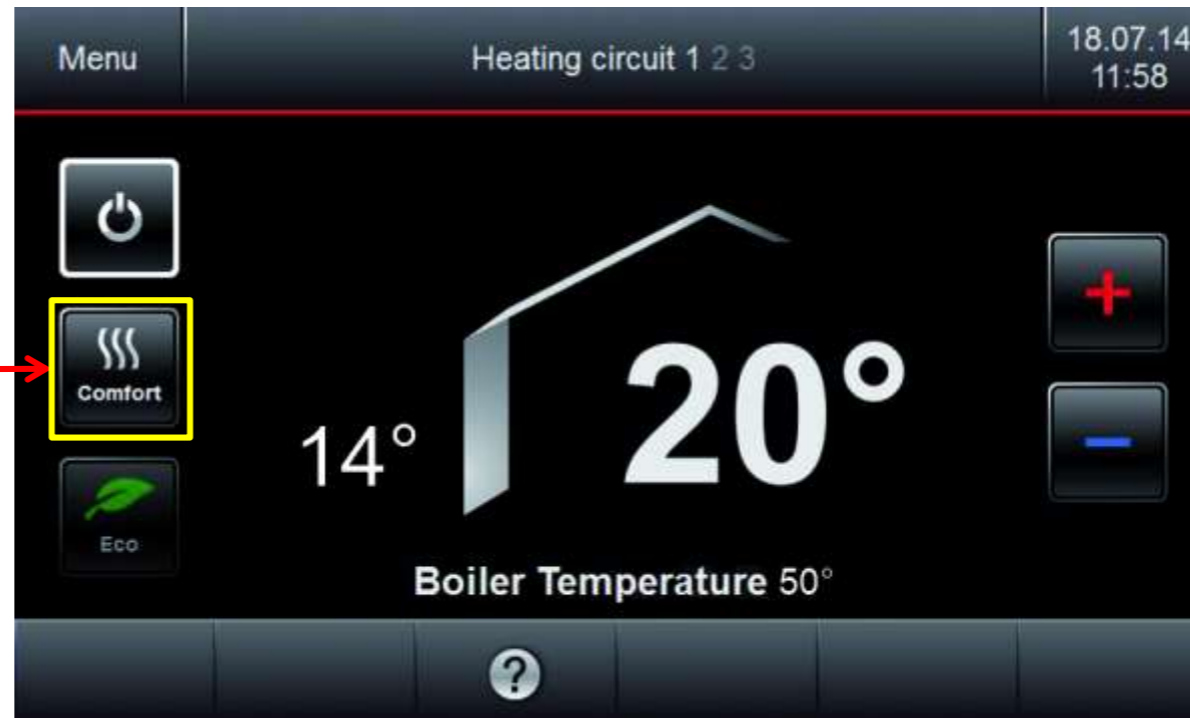


Note:  
Same functions are available for MW2C  
Screen may appear different.

# Vitotronic 300K GW6B for Vitocrossal 200 CM2




Comfort Mode

Tap to Comfort mode for the selected heating circuit. (Formerly, "Party Mode")

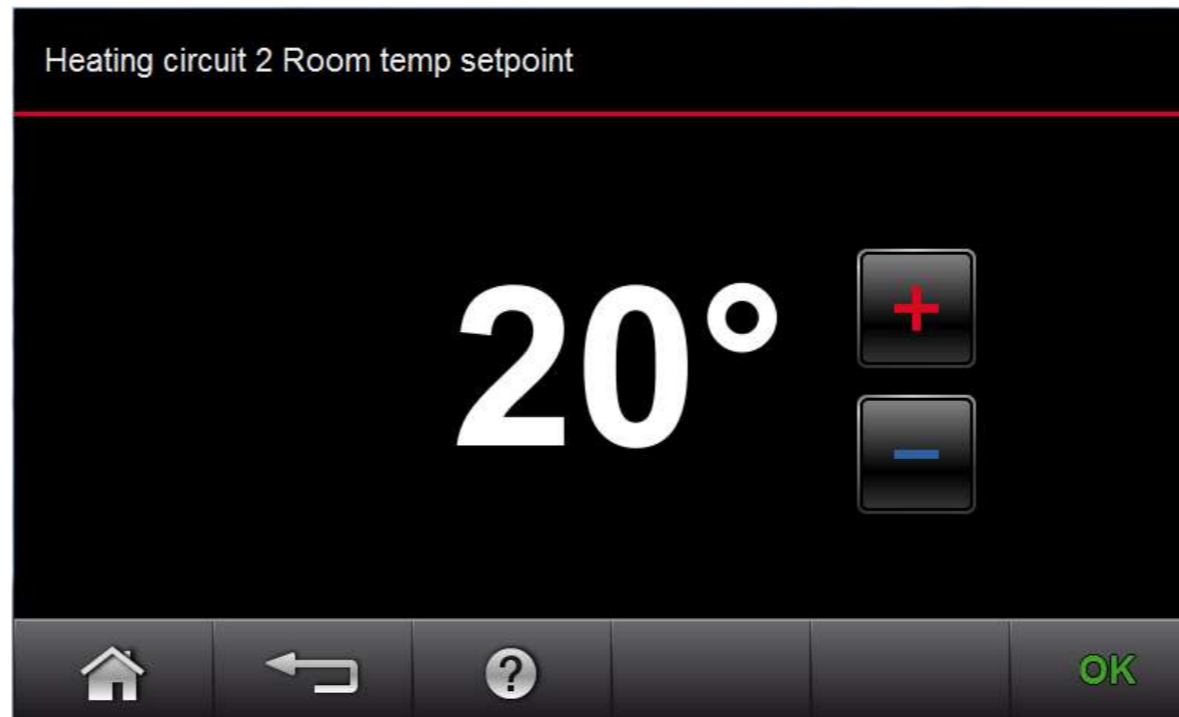


# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## Comfort Mode Temperature Set Point

- This adjustment was replaces the Party Mode room set point from the previous generation controls.
- Tap   to adjust
  - Each heating circuit has a similar setting.
- Tap “OK”. 

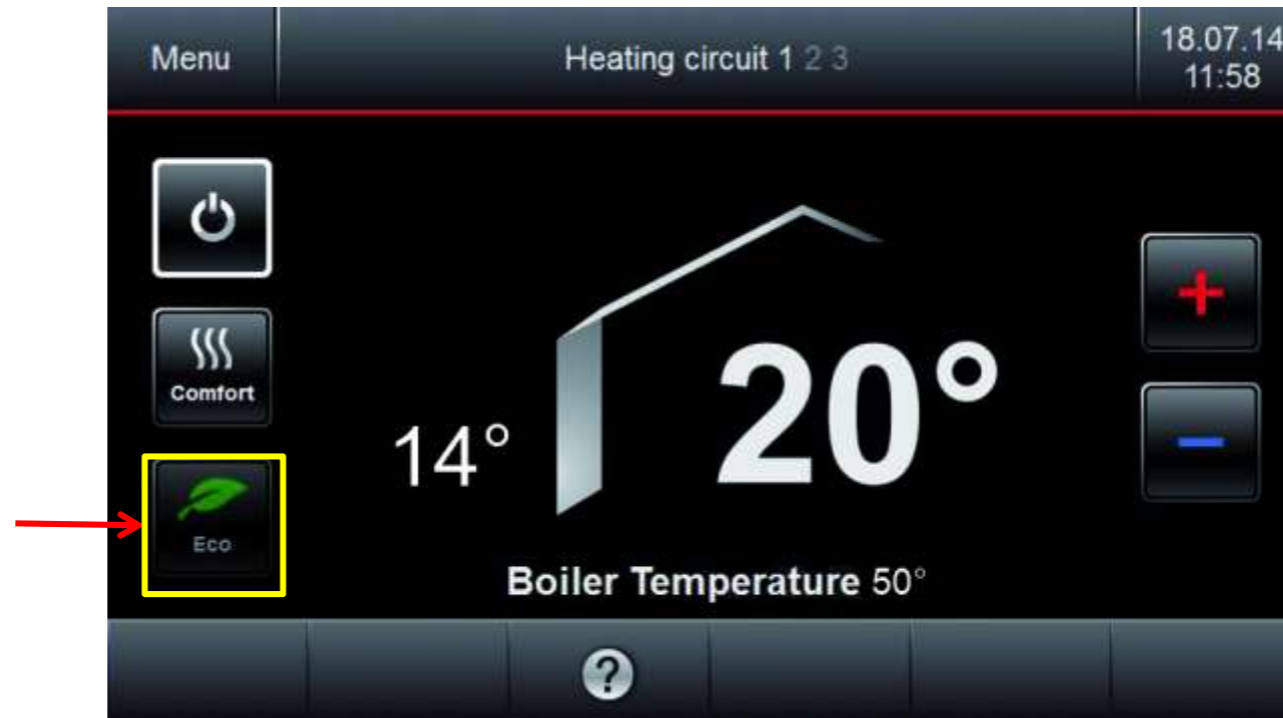
Factory default is  
20°C or 68°F



# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## Eco Mode

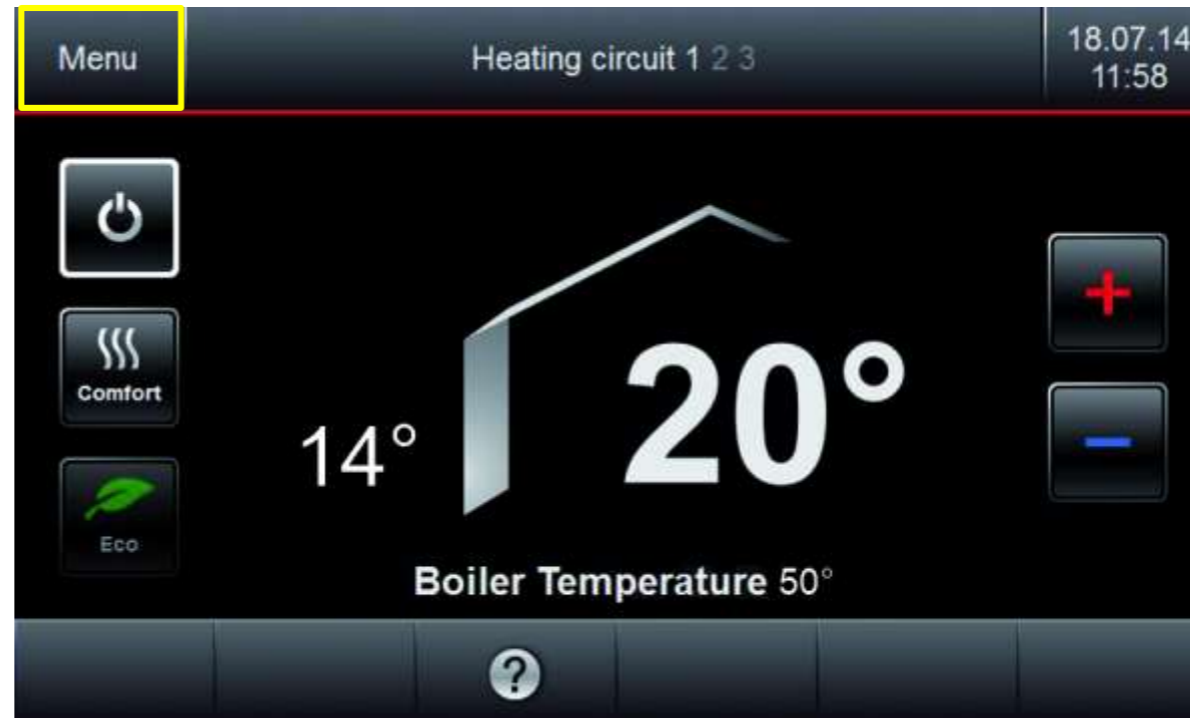
Tap to Eco mode for the selected heating circuit. (formerly "Reduced mode").



# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## Accessing The Menu Level From The Home Screen

- Single boiler mode home screen
- **From the home screen tap the following icons:**
- **1. “Menu”.**

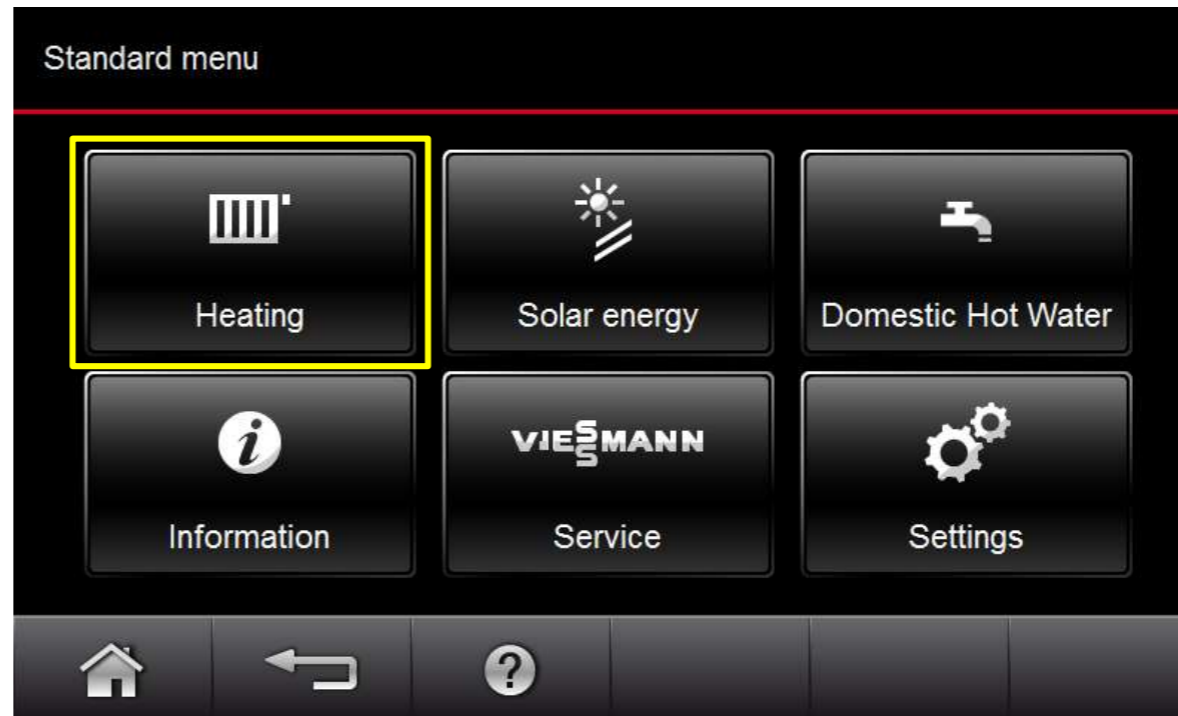


# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## Heating Menu

- From the menu screen tap the following icons:
- 2. “Heating”.

Note:  
Same functions are available for MW2C  
Screen may appear different.

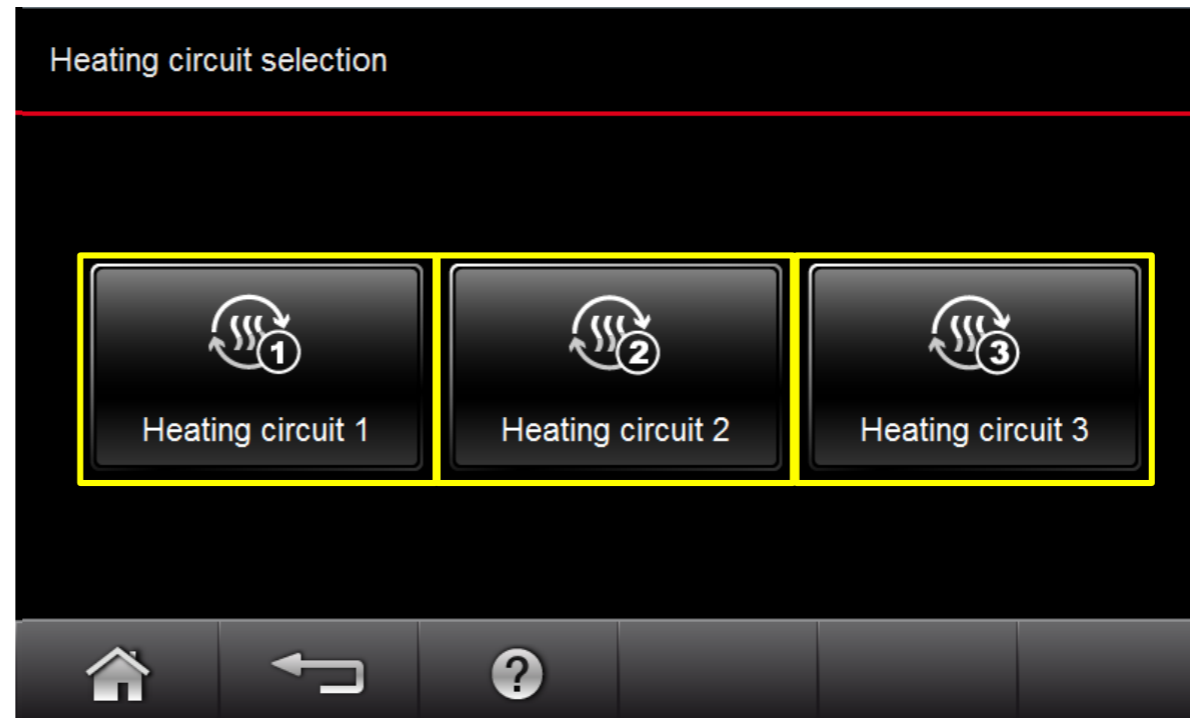


# Vitotronic 300K GW6B for Vitocrossal 200 CM2

Selecting The Heating Circuit To Adjust Or View.

- From the menu screen tap the following icons:
- 2. “Heating”.
- 3. “Heating circuit 1”, “2”, or “3” as desired.

Note:  
Same functions are available for MW2C  
Screen may appear different.

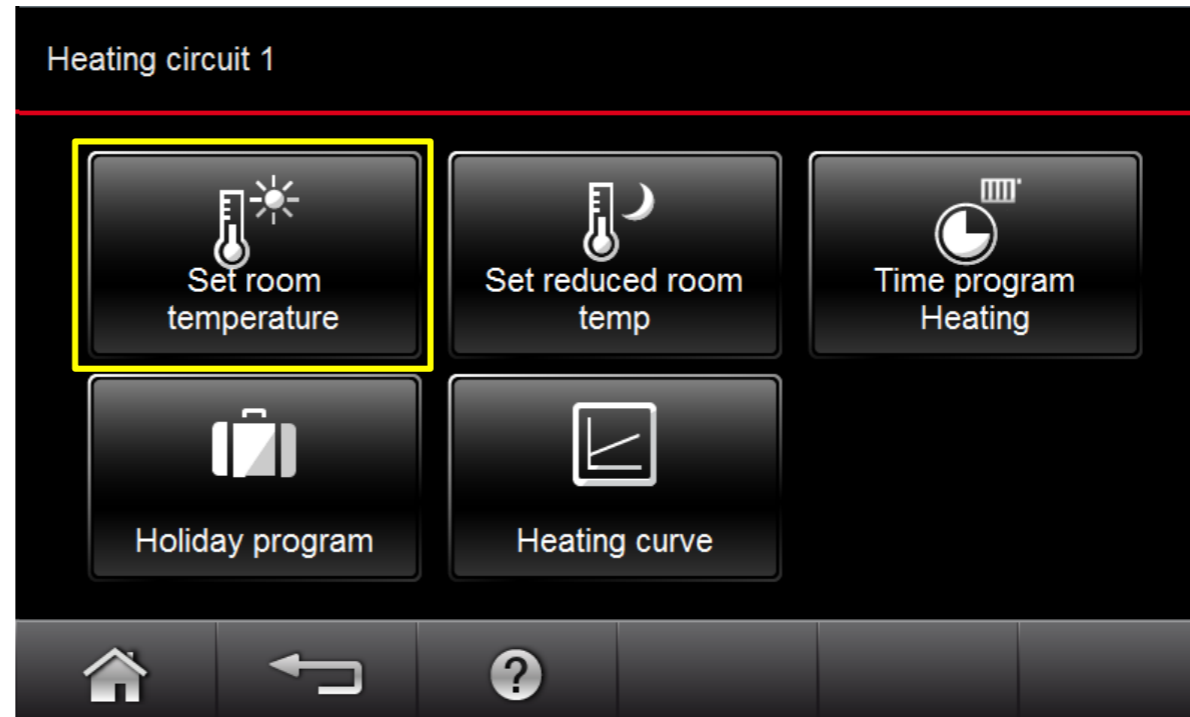


# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## Normal Room Temperature Set Point

- From the menu screen tap the following icons:
- 2. “Heating”.
- 3. “Heating circuit 1”, “2”, or “3” as desired.
- 4. “Set room temperature”.

Note:  
Same functions are available for MW2C  
Screen may appear different.



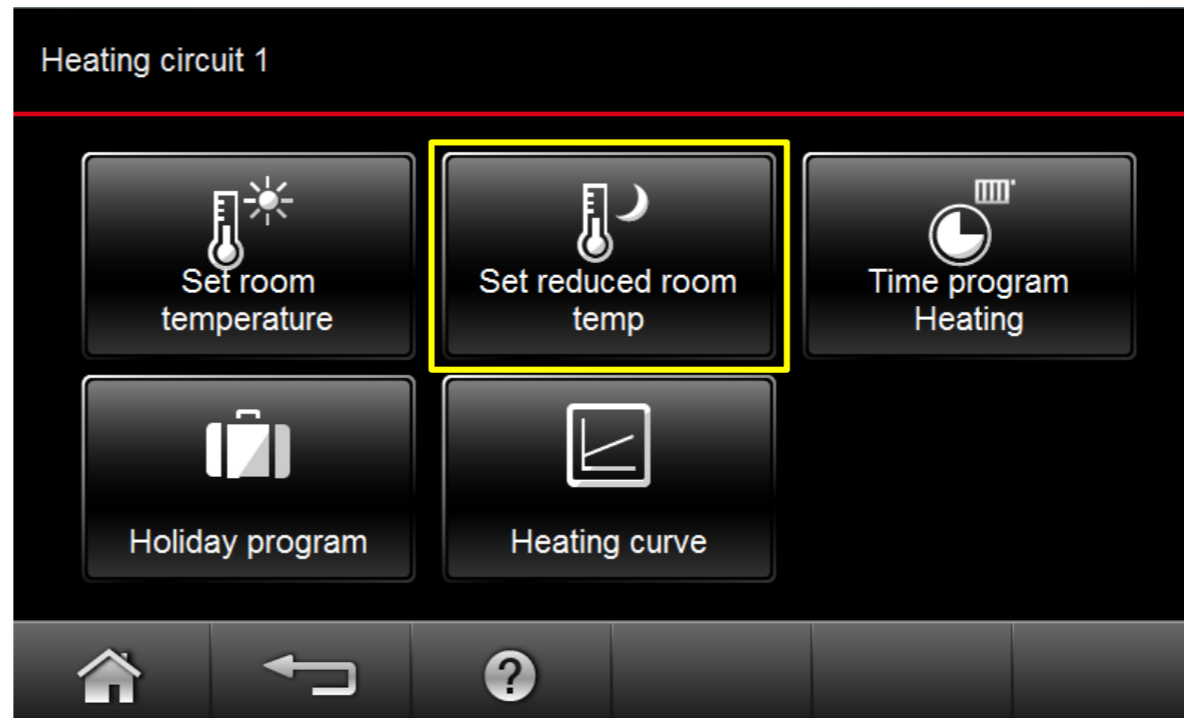


# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## Reduced Room Temperature Set Point

- From the menu screen tap the following icons:
- 2. “Heating”.
- 3. “Heating circuit 1”, “2”, or “3” as desired.
- 4. “Set reduced room temp”.

Note:  
Same functions are available for MW2C  
Screen may appear different.

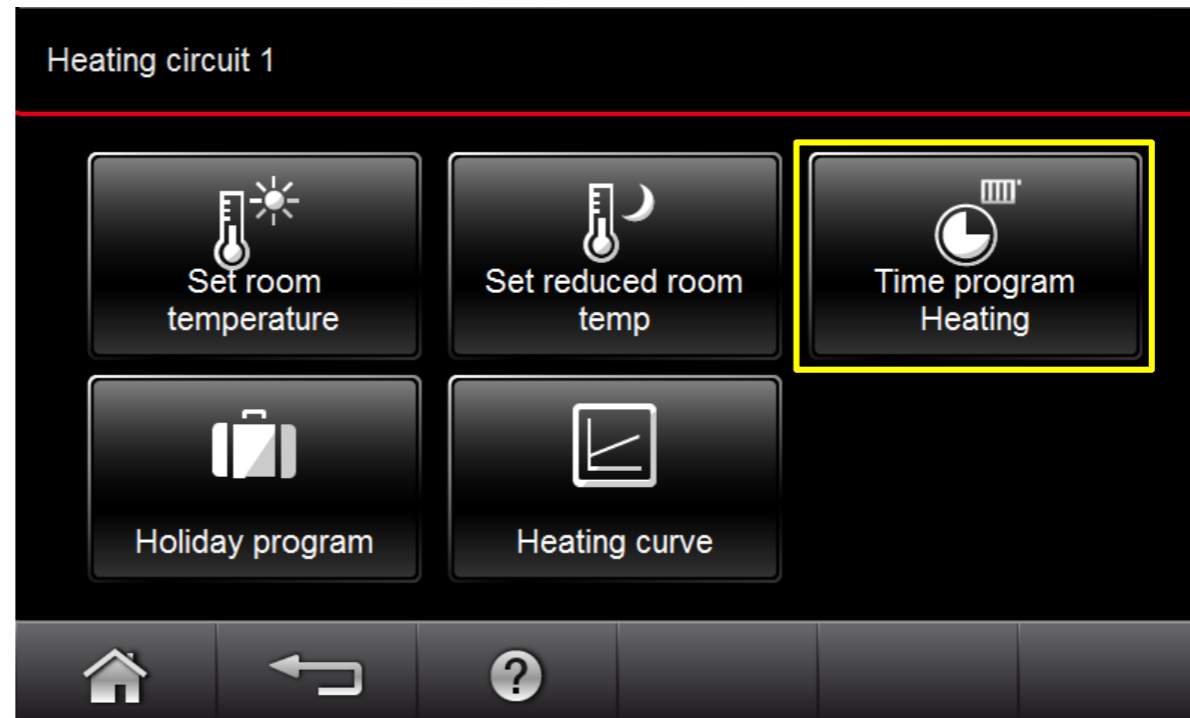


# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## Adjusting The Heating Time Program


- From the menu screen tap the following icons:
- 2. “Heating”.
- 3. “Heating circuit 1”, “2”, or “3” as desired.
- 4. “Time program heating”.

Note:  
Same functions are available for MW2C  
Screen may appear different.

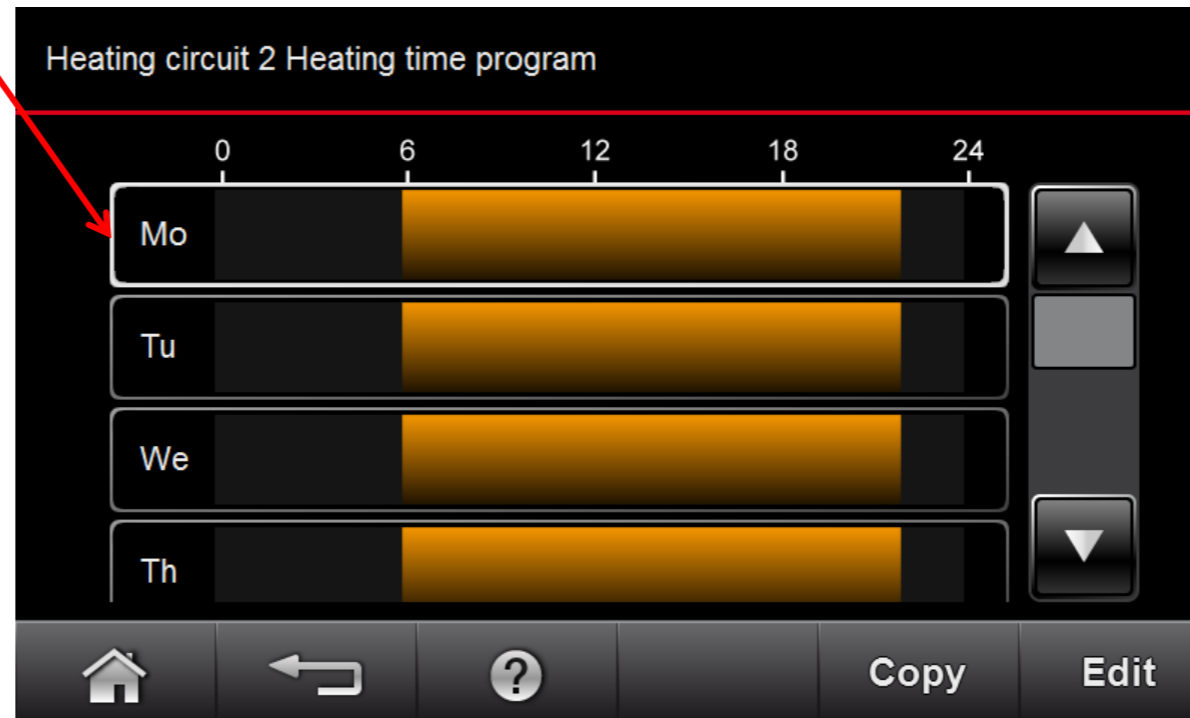


# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## Adjusting The Heating Time Program




- From the menu screen tap the following icons:
- 2. "Heating".
- 3. "Heating circuit 1", "2", or "3" as desired.
- 4. "Time program heating".
- 5. "Mo".
- 6. "Edit. 

Note:  
Same functions are available for MW2C  
Screen may appear different.

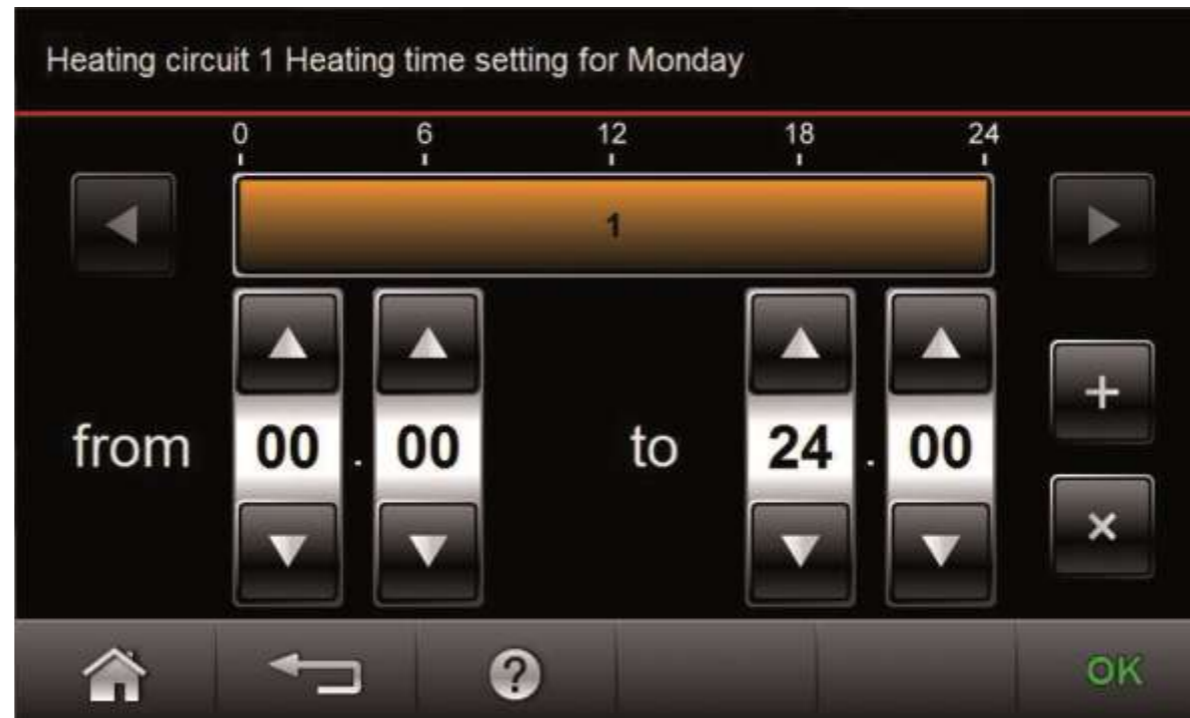


# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## Adjusting The Heating Time Program





- 7. Use Up  and  down arrows for the start and end point of time phase one. The bar in the time diagram is adjusted.
  - To cancel the setting of a time phase without accepting the changes, tap the  return icon. .

Note:  
Same functions are available for MW2C  
Screen may appear different.

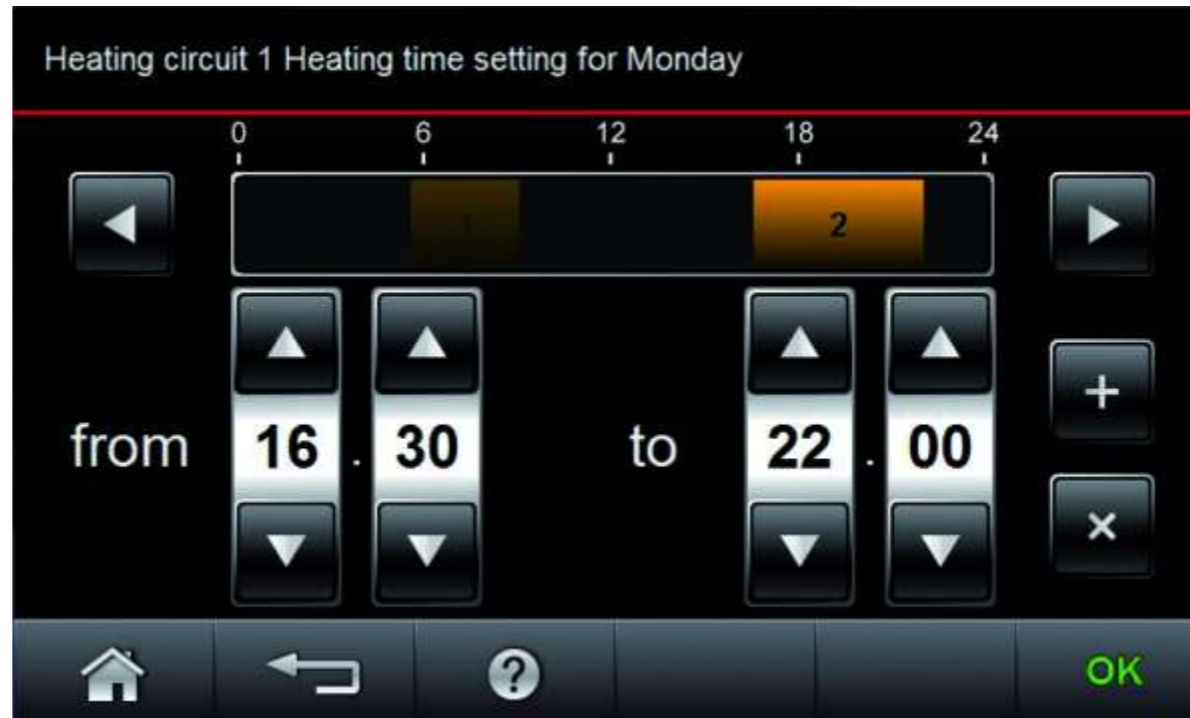


# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## Adjusting The Heating Time Program



- 8. Select the  icon for time phase 2.
- 9. Use Up  and  down arrows for the start and end point of time phase 2.
  - The bar in the time diagram is adjusted.
- Repeat for further time phases.
- Use the  icon to cancel a phase.

Note:  
Same functions are available for MW2C  
Screen may appear different.



# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## Adjusting The Heating Time Program

- 10. OK to confirm. 
  - The schedules as entered can be viewed.
- 11. Tap  home icon to return to the home screen.

Note:  
Same functions are available for MW2C  
Screen may appear different.




# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## Copying Days In The Heating Time Program

You can copy a schedule into a different day to allow more efficient schedule creation.

- **From the menu screen tap the following icons:**
- 2. “Heating”.
- 3. “Heating circuit 1”.
- 4. “Time program heating”.

As an example:

- 5. “Mo”.
- 6. “Copy”. 


Note:

Same functions are available for MW2C  
Screen may appear different.



# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## Copying Days In The Heating Time Program

- 7. Tap “Tu” , “We”, “Th”, “Fr”.
- 8. OK to confirm. 


Note:  
Same functions are available for MW2C  
Screen may appear different.





# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## Copying Days In The Heating Time Program

- Mo's schedule is copied into Tu, We, Th. Fr.
- 9. 

Note:  
Same functions are available for MW2C  
Screen may appear different.

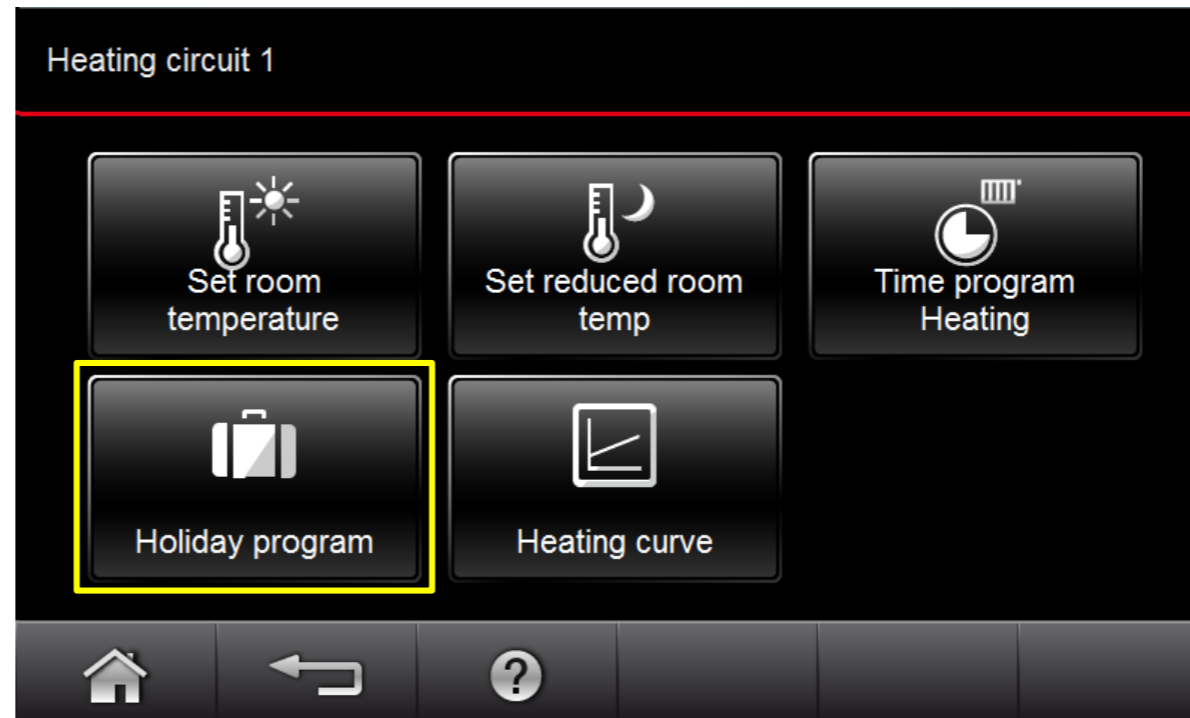


# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## Adjusting the Holiday Program




- From the menu screen tap the following icons:
- 2. “Heating”
- 3. “Heating circuit 1”, “Heating circuit 2” or “Heating circuit 3” as the required heating circuit.
- 4. “Holiday program”

Note:  
Same functions are available for MW2C  
Screen may appear different.

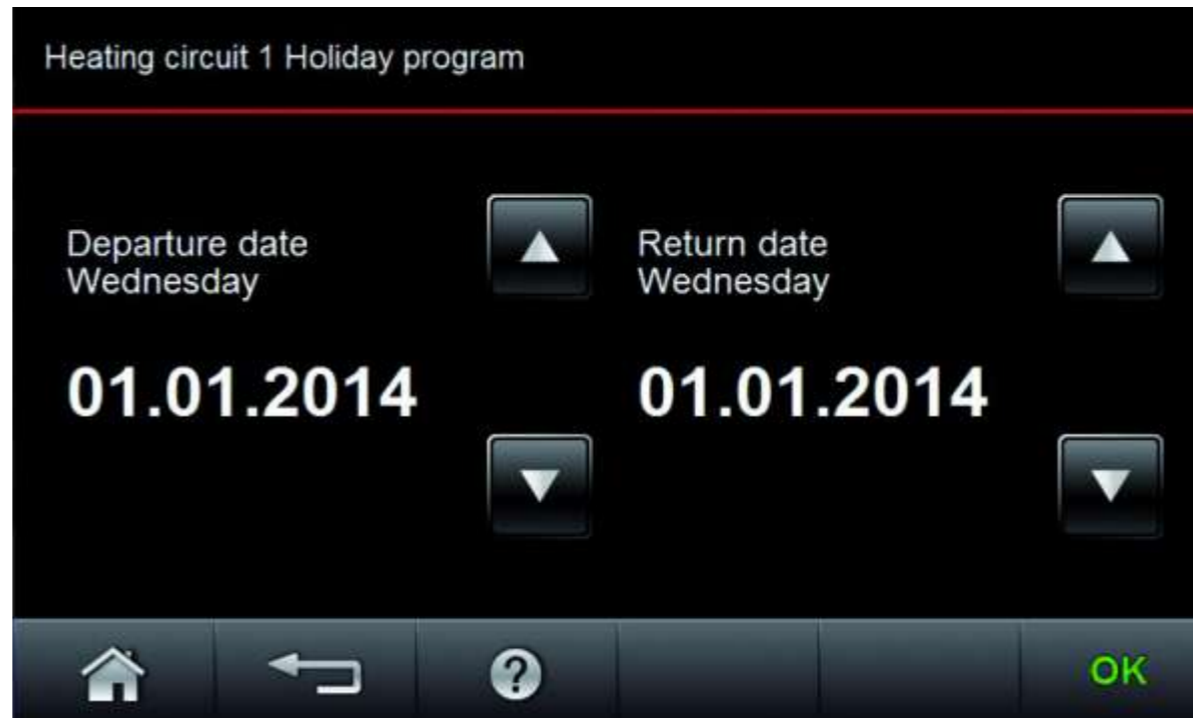


# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## Adjusting the Holiday Program

- From the menu screen tap the following icons:
- 5. Use   to set the “Departure date” and “Return date”
- 6. OK to confirm 
- The Holiday program allows for an extended period of Eco mode without the need to modify the normal day to day schedule.

Note:  
Same functions are available for MW2C  
Screen may appear different.

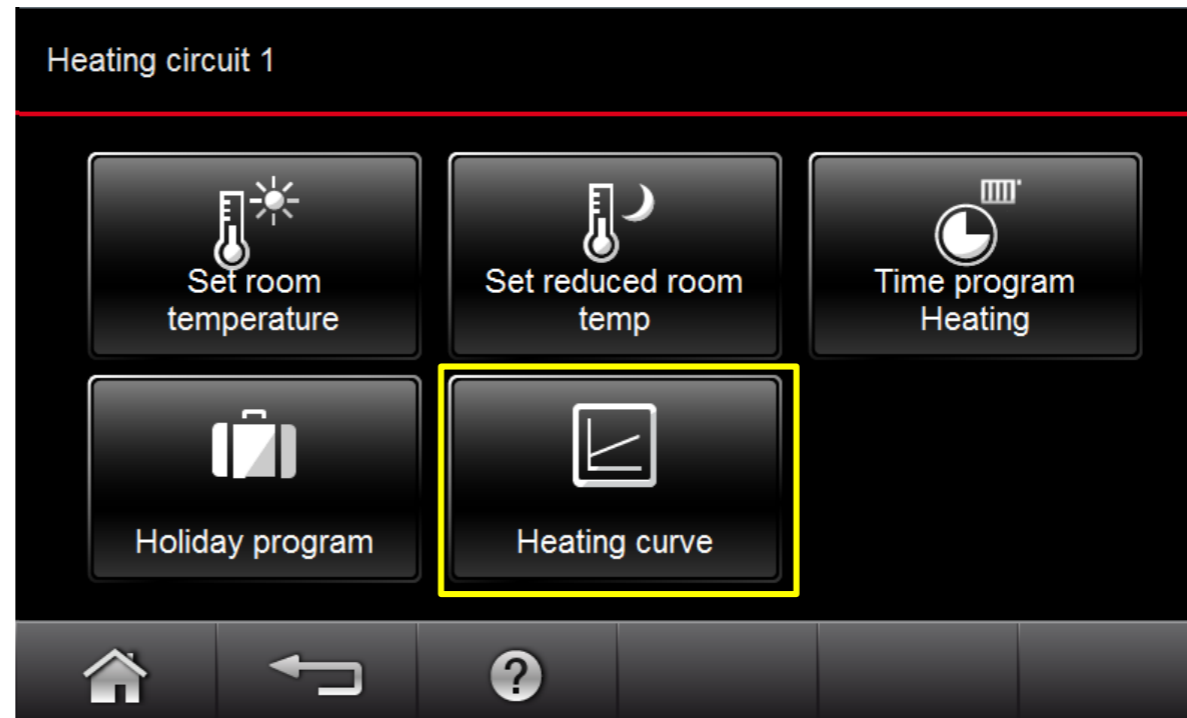


# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## Adjusting the Heating Curves



- From the menu screen tap the following icons:
- 2. “Heating”.
- 3. “Heating circuit 1”, “2”, or “3” as desired.
- 4. “Heating curve”.

Note:  
Same functions are available for MW2C  
Screen may appear different.



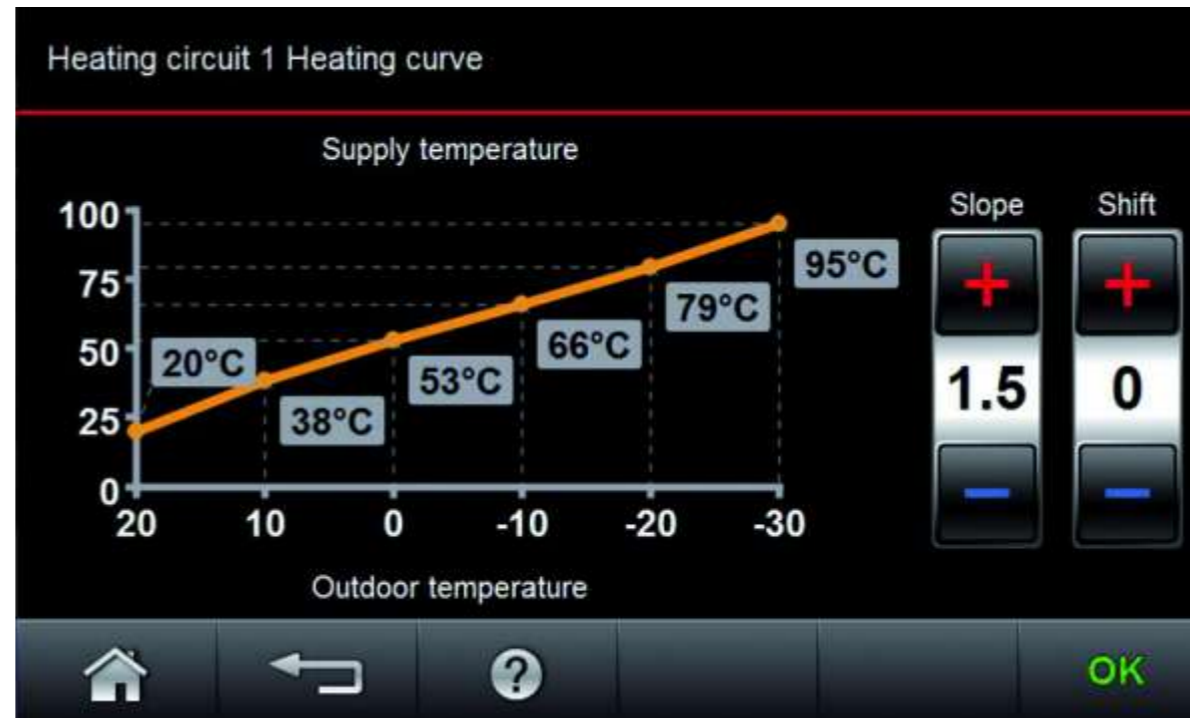
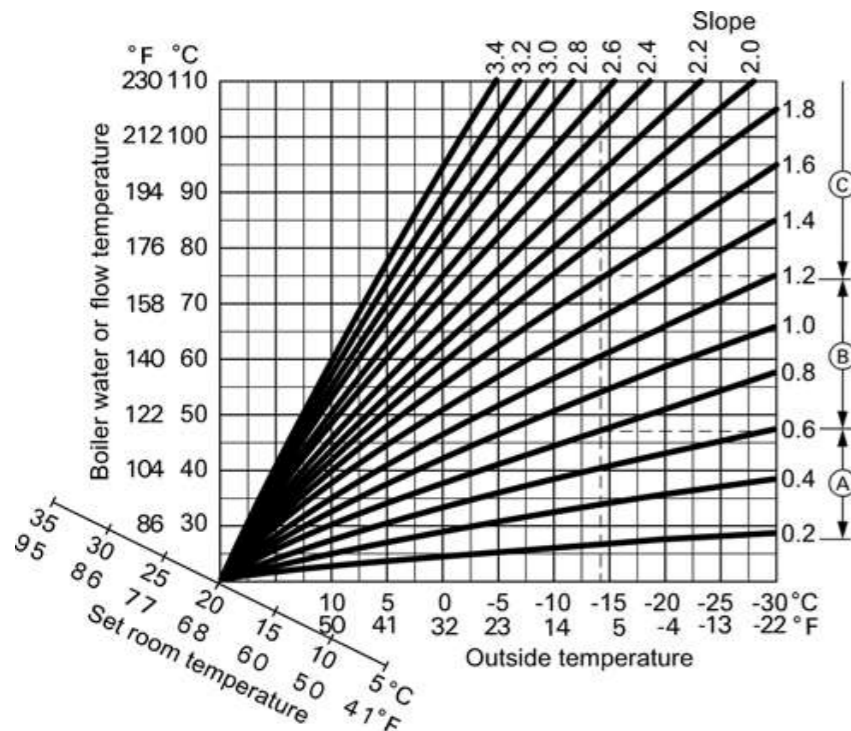
# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## Adjusting the Heating Curves

- From the menu screen tap the following icons:
- 2. "Heating".
- 3. "Heating circuit 1", "2", or "3" as desired.
- 4. "Heating curve".
- 5.   for the required value for "Slope" or "Shift"
- 6. Tap OK to confirm

Note:

Same functions are available for MW2C  
Screen may appear different.



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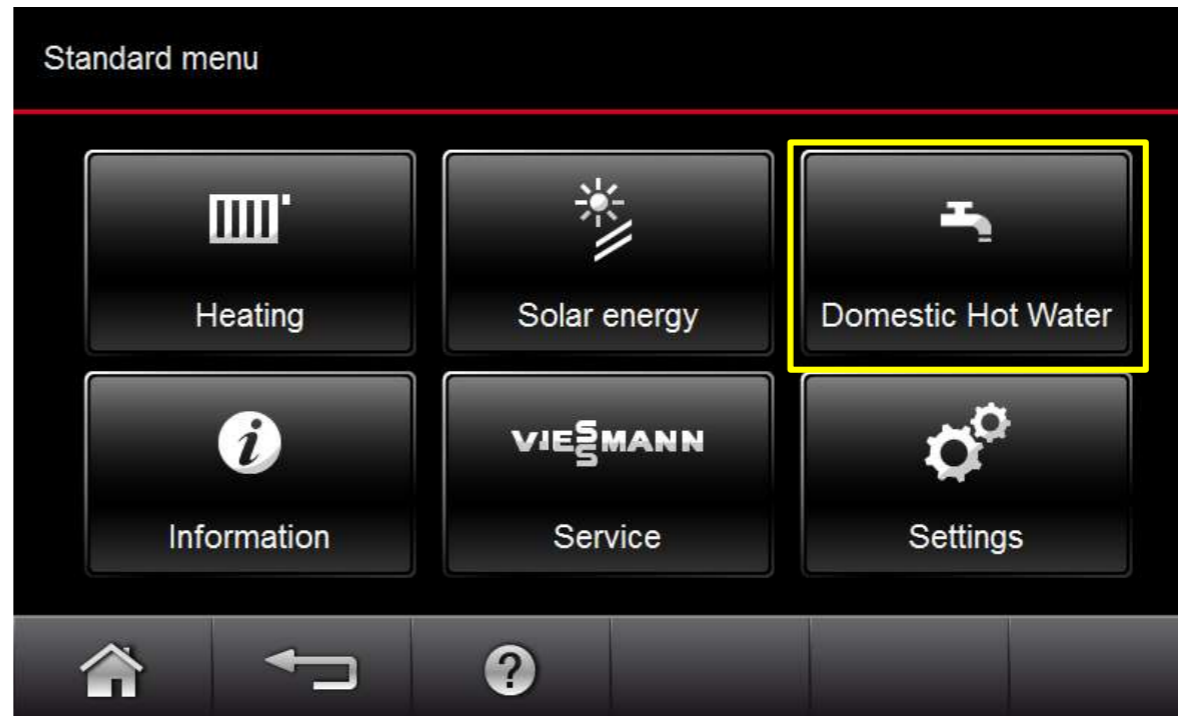
**Vitotronic 300K GW6B  
DHW**

# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## DHW Set Point Temperature

- From the menu screen tap the following icons:
- 2. “Domestic Hot Water”.

Note:  
Same functions are available for MW2C  
Screen may appear different.

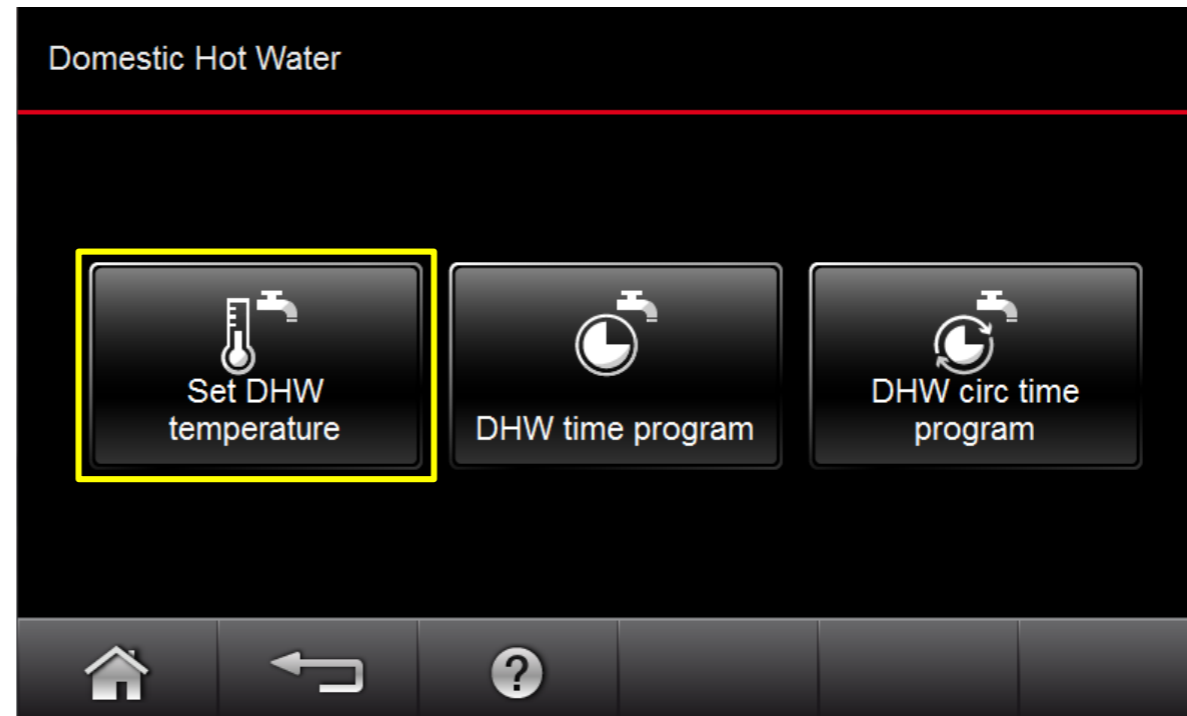


# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## DHW Set Point Temperature

- From the menu screen tap the following icons:
- 2. “Domestic Hot Water”.
- 3. “Set DHW temperature”.


Note:  
Same functions are available for MW2C  
Screen may appear different.



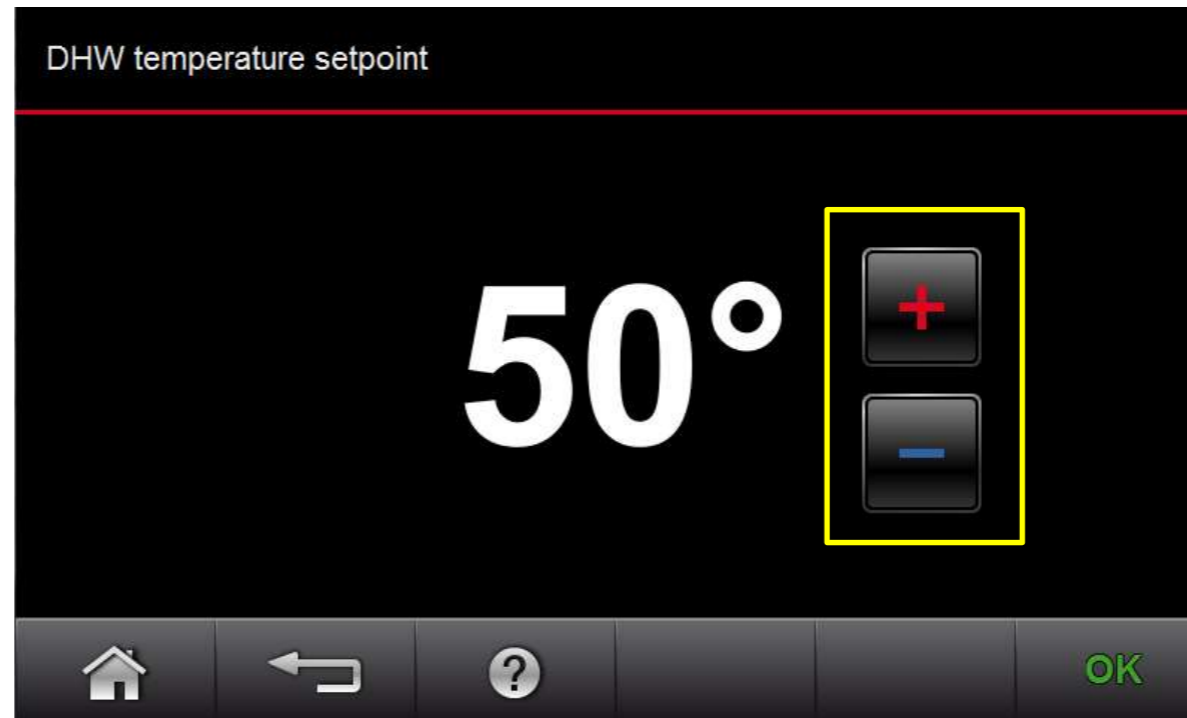


# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## DHW Set Point Temperature

- Tap the plus or minus icons to set the desired DHW temperature for comfort mode.
- Tap “OK”. 

Note:  
Same functions are available for MW2C  
Screen may appear different.

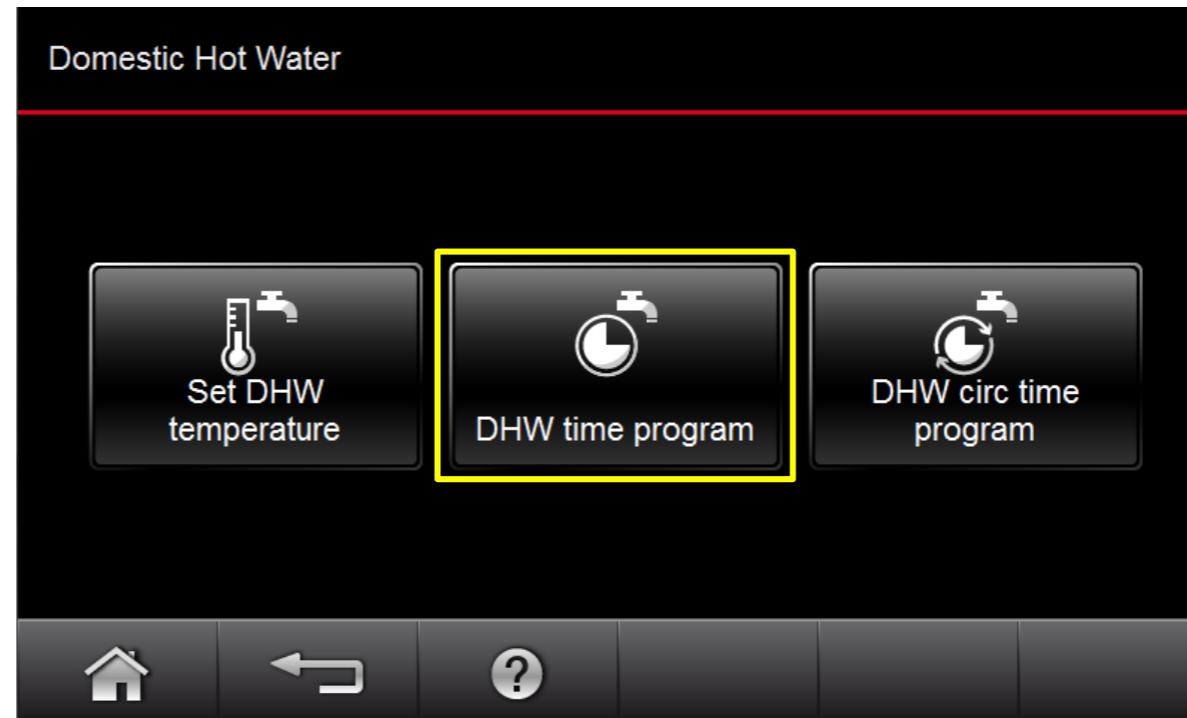


# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## DHW Time Program

- From the menu screen tap the following icons:
- 2. “Domestic Hot Water”.
- 3. “DHW time program”.

Note:  
Same functions are available for MW2C  
Screen may appear different.

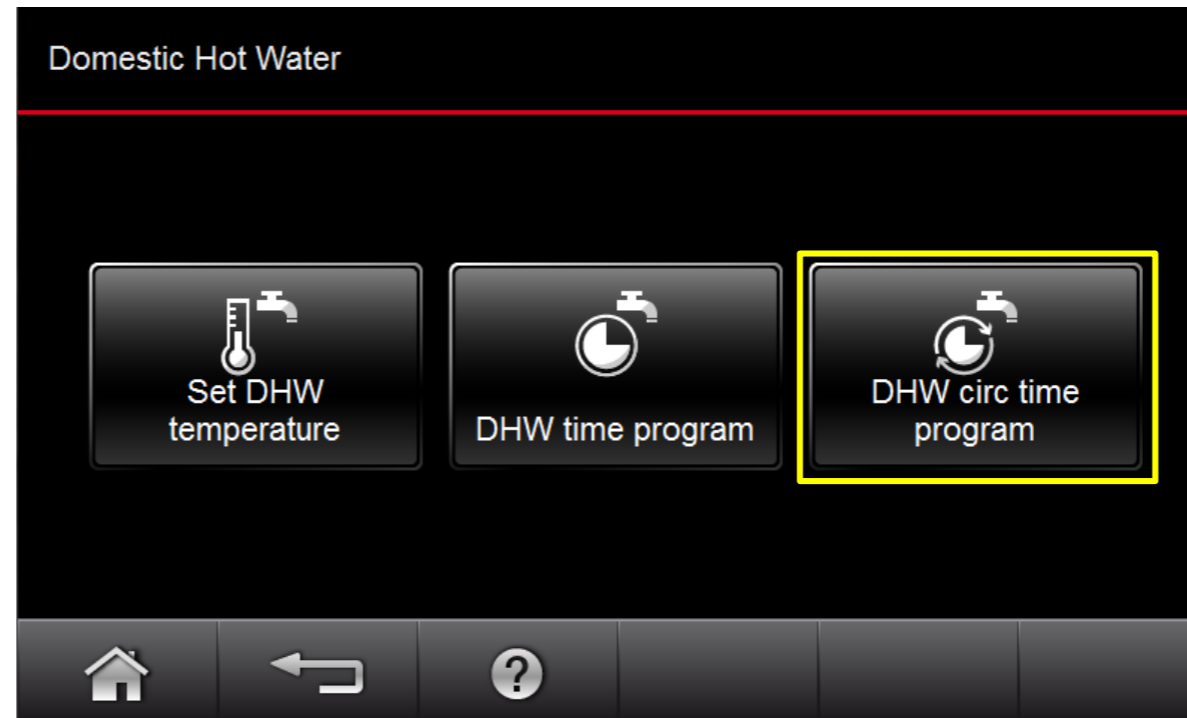


# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## DHW Re-circ Pump Time Program

- From the menu screen tap the following icons:
- 2. “Domestic Hot Water”.”.
- 3. “DHW circ time program DHW”.

Note:  
Same functions are available for MW2C  
Screen may appear different.

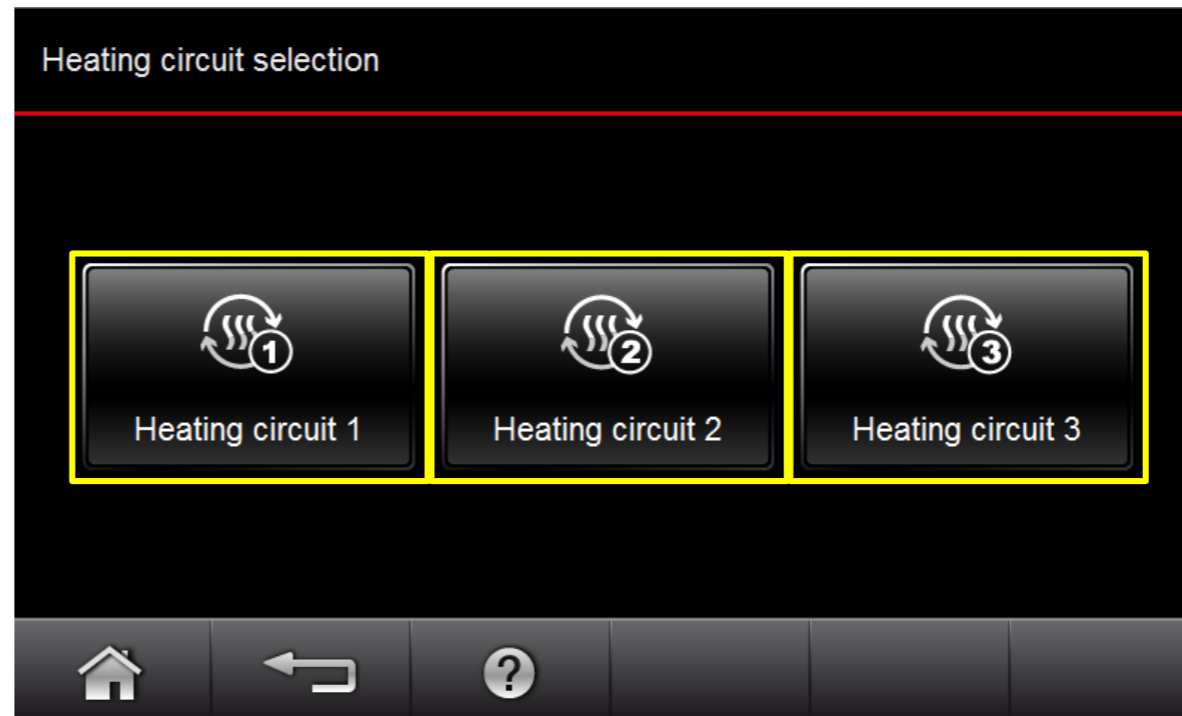


# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## DHW Time Program

- Select the heating circuit you want the DHW to follow.

Note:  
Same functions are available for MW2C  
Screen may appear different.

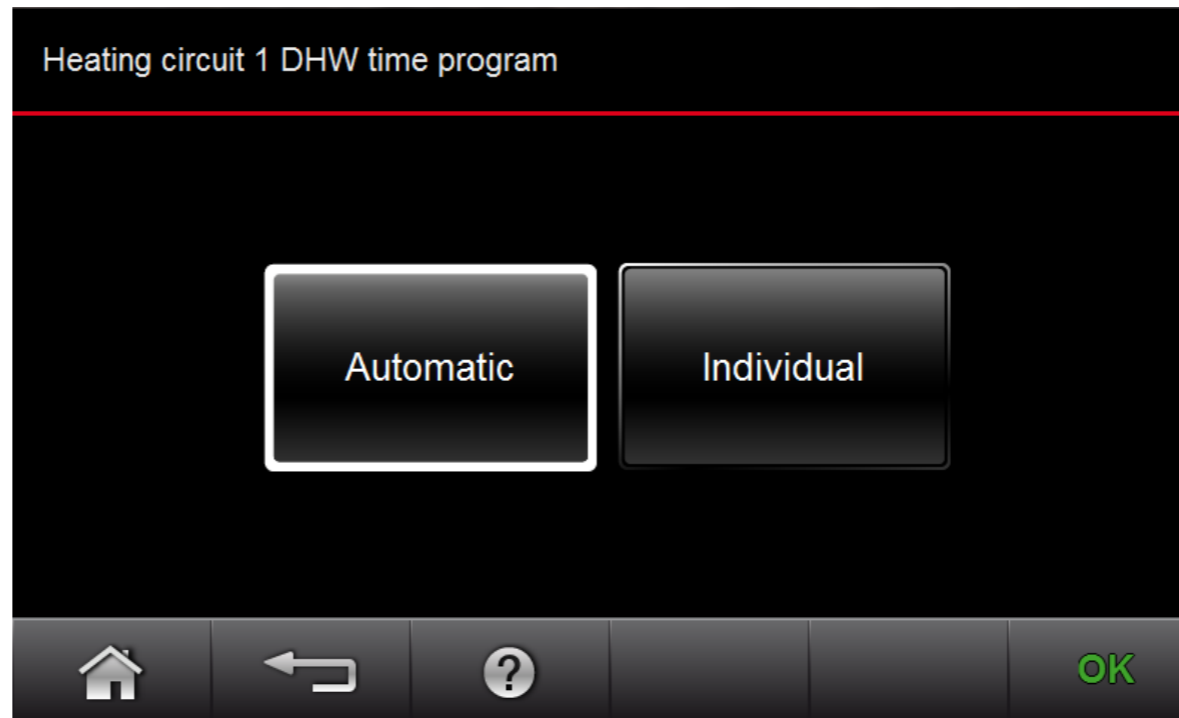


# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## DHW Time Program


- When default of “Automatic” is selected the DHW time schedule will follow the Heating Schedule but start 30 minutes before the beginning of the heating schedule start time.
  - This allows for the tank temperature to be raised to the DHW Comfort Mode temperature before the system needs to bring the heating system back to the Comfort Mode settings.

Note:  
Same functions are available for MW2C  
Screen may appear different.

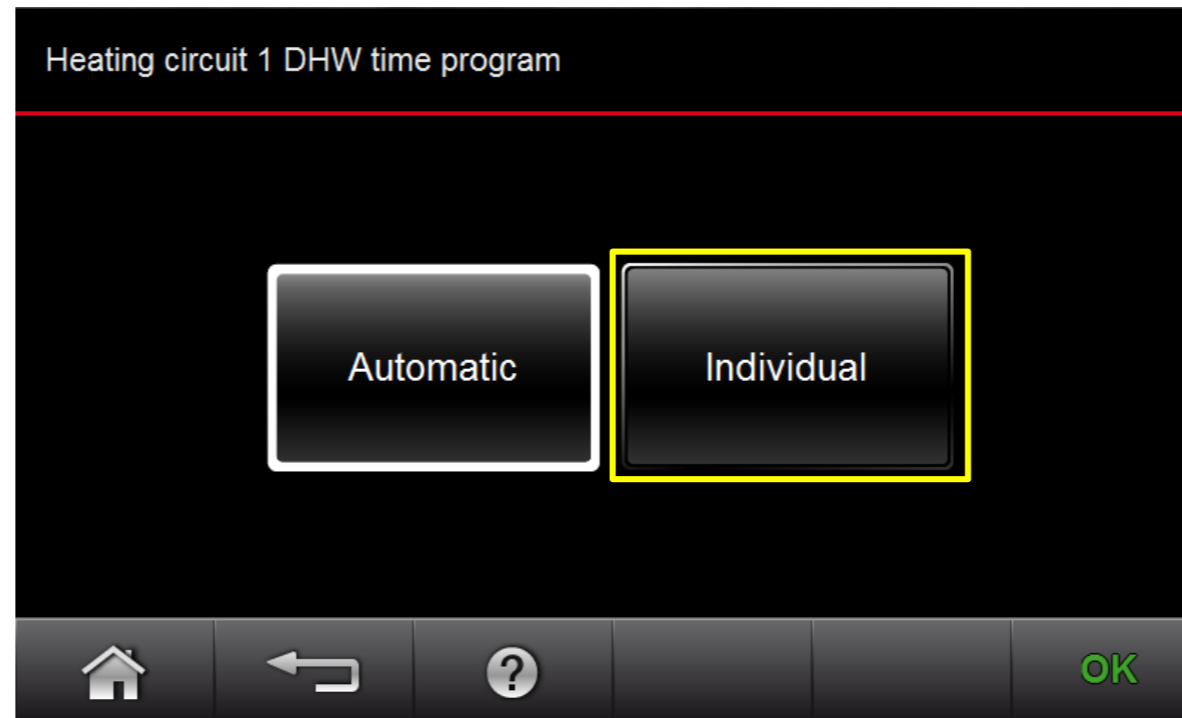


# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## DHW Time Program

- To create a DHW time schedule that is different than the heating schedules:
- 4. “Individual”.
- 5. Tap “OK”. 

Note:  
Same functions are available for MW2C  
Screen may appear different.

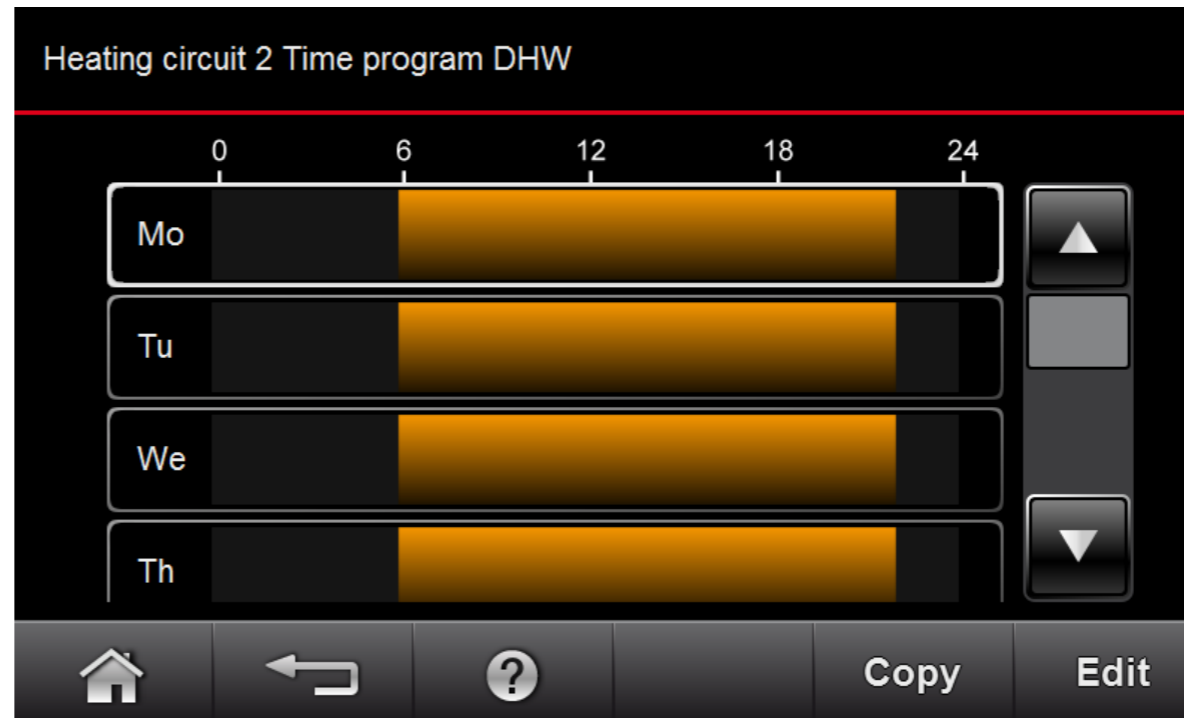


# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## DHW Time Program

- Follow the same procedure as for setting the heating time schedules for the individual DHW time schedule.

Note:  
Same functions are available for MW2C  
Screen may appear different.



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**Vitotronic 300K GW6B  
Information**

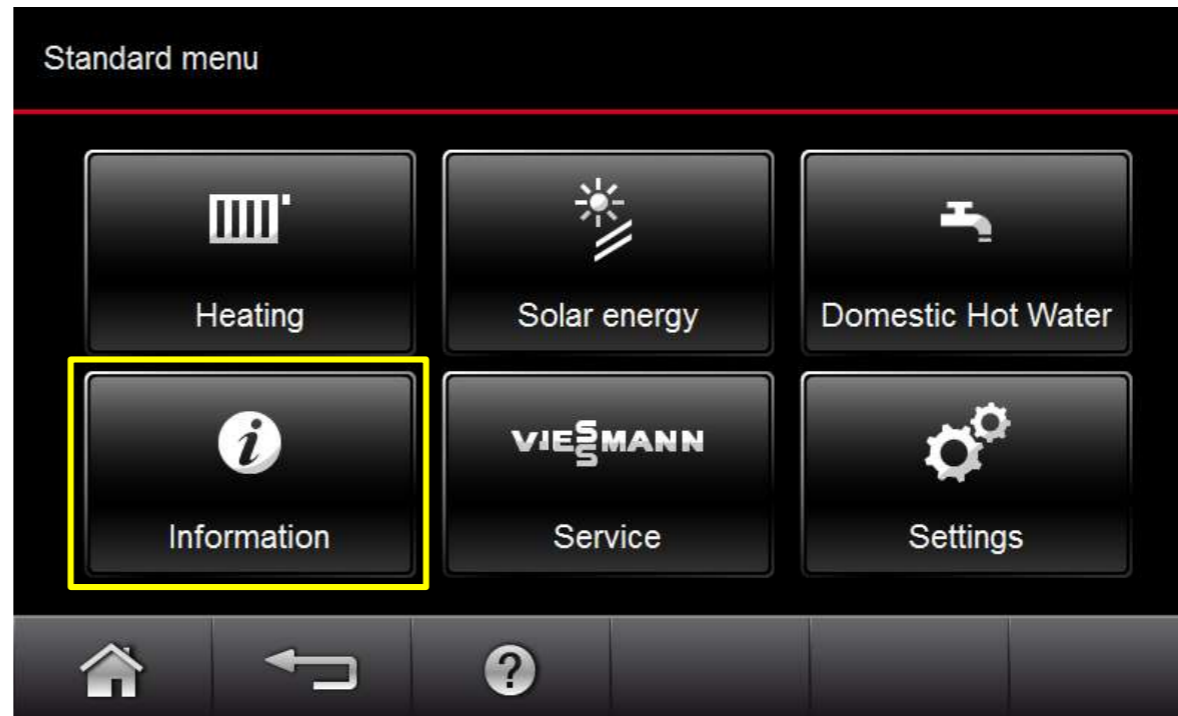


# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## Information Menu




- From this menu you can read the status of various parameters in the control system.
- **From the menu screen tap the following icons:**
- 2. “Information”.
  - The information is grouped into several sub-menu options.

Note:  
Same functions are available for MW2C  
Screen may appear different.

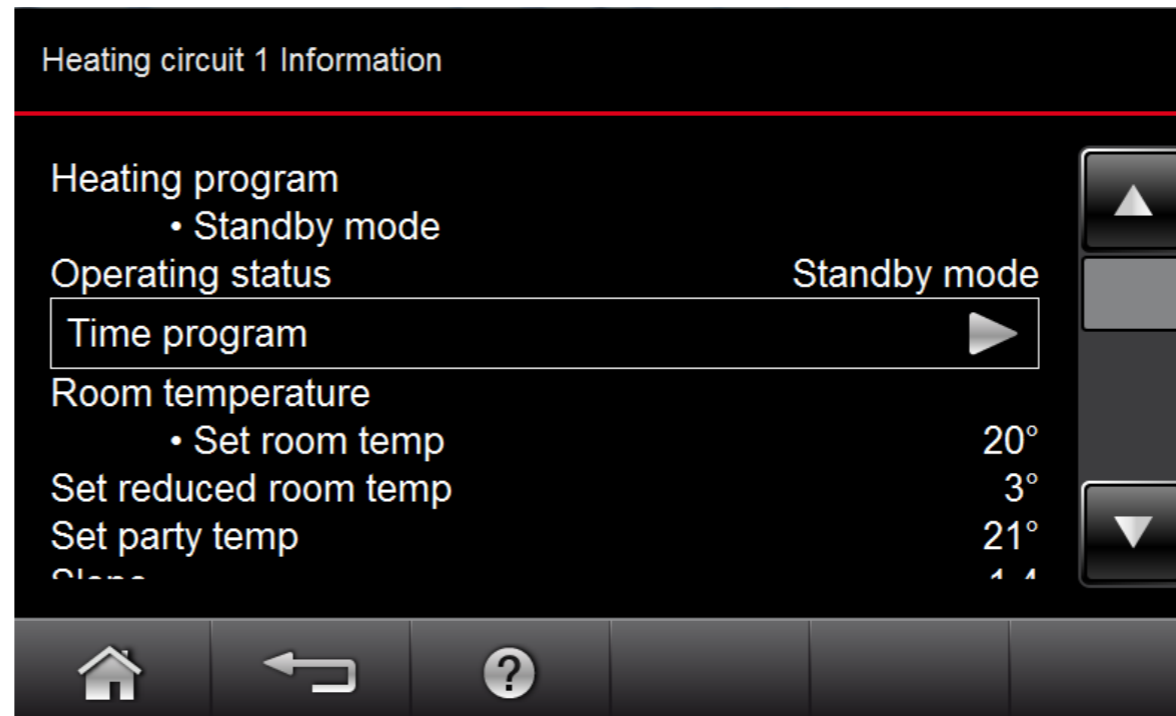


# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## Selecting An Information Sub Group To View Data

- From the menu screen tap the following icons:
- 2. "Information".
- 3. Select the desired sub group.
- 4.   to view the various parameter.
- 5.  to see further information regarding a parameter if it is available.

Note:  
Same functions are available for MW2C  
Screen may appear different.



# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## Setting A Service Information Contact

- From the menu screen tap the following buttons:
- 2. “Information”
- 3. “Service contact details”

Note:  
Same functions are available for MW2C  
Screen may appear different.

Service contact details


Input fields:

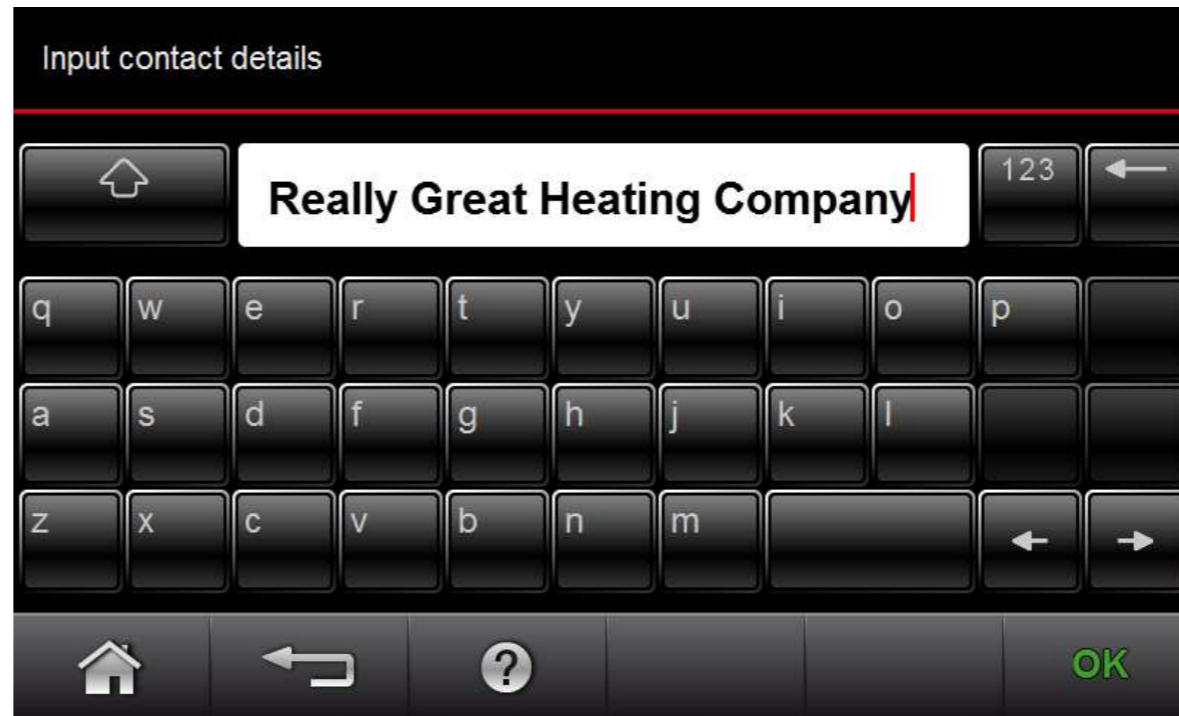
- Field 1: [Red vertical bar]
- Field 2: [Empty]

Navigation bar: [Home] [Back] [Help] [OK]

# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## Setting A Service Information Contact

- Enter the details of the contact.
  - Each text box is limited to 45 characters.
- Tap OK when complete. 
- Repeat for the second line of data.

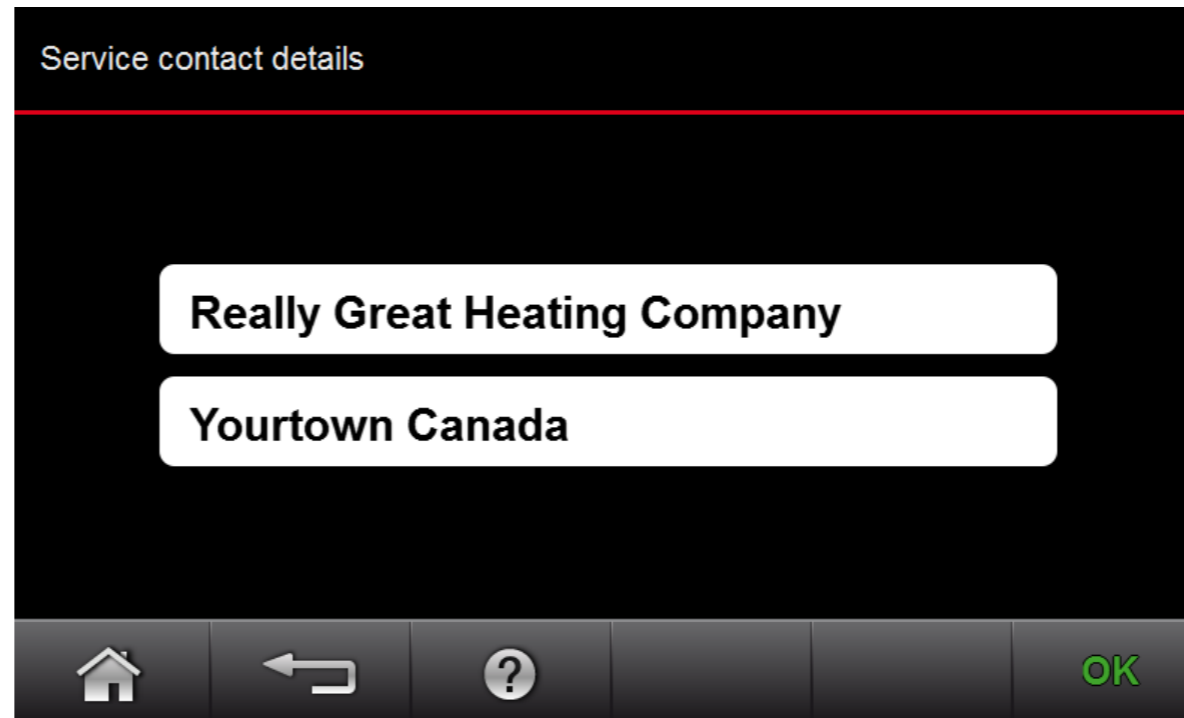


# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## Setting A Service Information Contact

- Under Information the contractor can put their contact information in.
- This can be read by the customer for future reference.

Note:  
Same functions are available for MW2C  
Screen may appear different.



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## **Vitotronic 300K GW6B Settings**

# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## Settings Level

- From the menu screen tap the following icons:
- 2. “Settings”.

Note:  
Same functions are available for MW2C  
Screen may appear different.



# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## Control Display Backlight Setting

- The Screen brightness can be adjusted from the Settings / Screen menu.

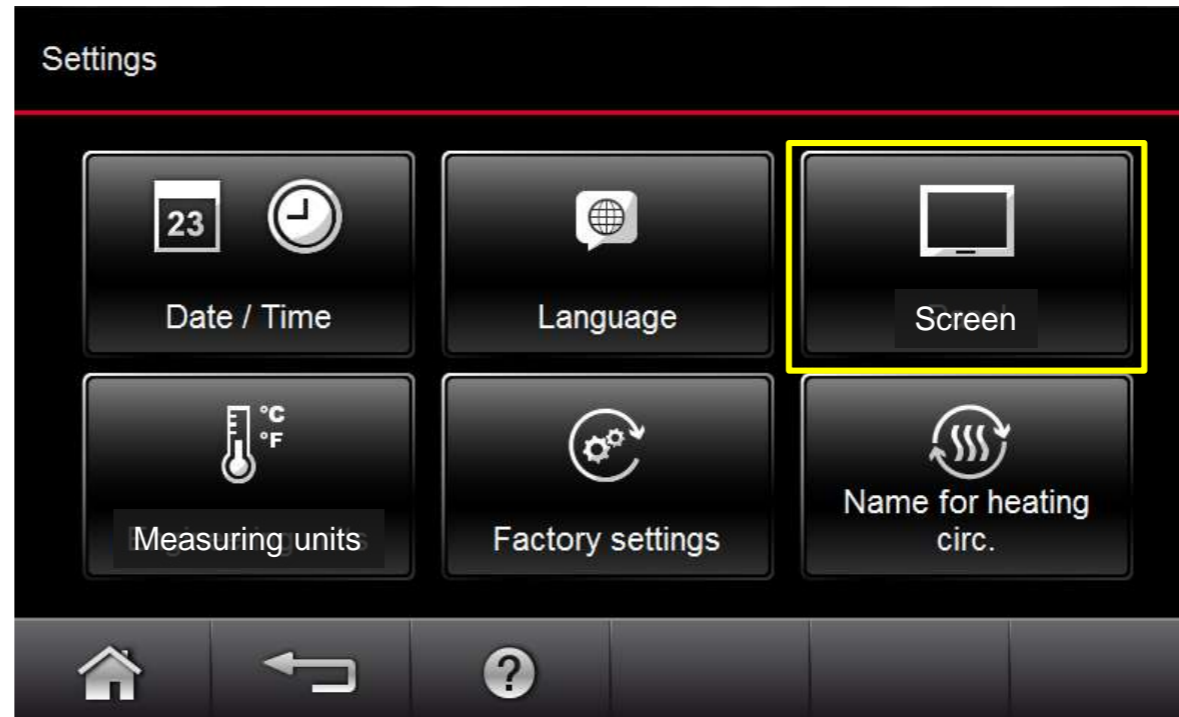
**From the menu screen tap the following icons:**

2. “Settings”.

3. “Screen”.

Note:

Same functions are available for MW2C  
Screen may appear different.





# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## Control Display Backlight Setting

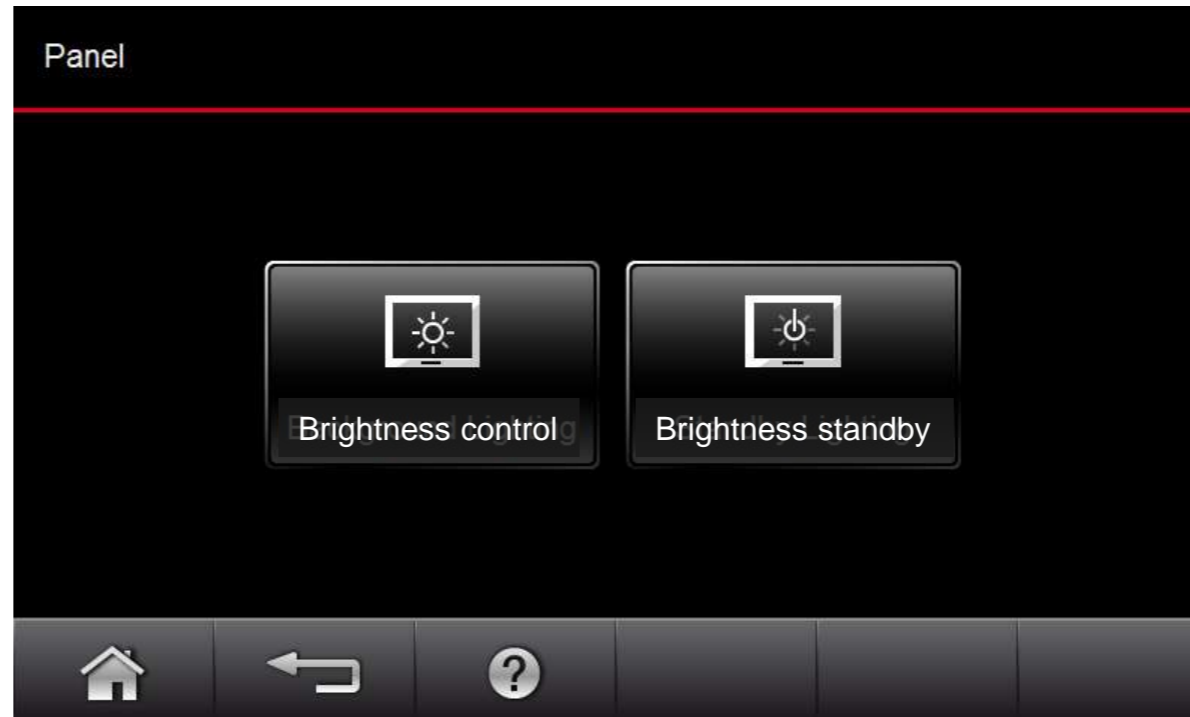
- The Screen brightness can be adjusted from the Settings / Screen menu.

**From the menu screen tap the following icons:**

2. “Settings”.
3. “Screen”.
4. “Brightness standby”  
or  
“Brightness control”.

Note:

Same functions are available for MW2C  
Screen may appear different.



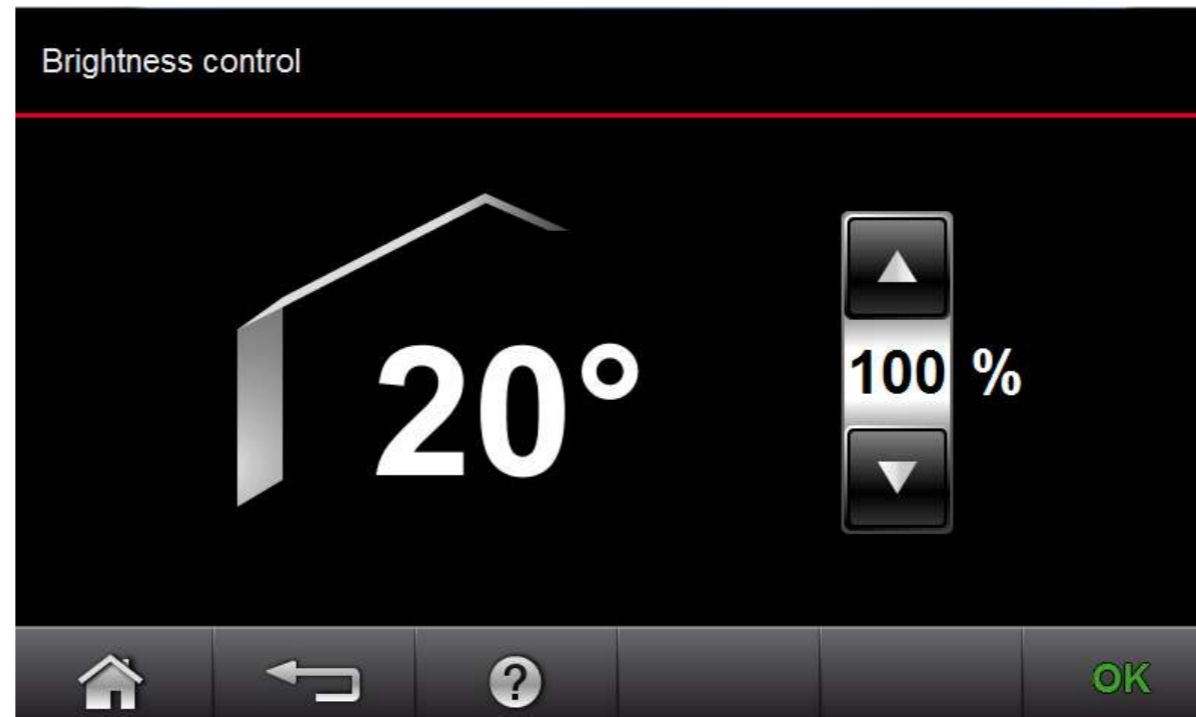
# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## Control Display Backlight Setting

- The Screen brightness can be adjusted from the Settings / Screen menu.

**From the menu screen tap the following icons:**

2. "Settings".
3. "Screen".
4. "Brightness standby"  
or  
"Brightness control".
5. Set required value.
6. Tap "OK" to confirm.



# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## Settings / Entering Custom Heating Circuit Names

- You can customize the long name of any heating circuit.
  - The short form name i.e HC1 ,HC2, HC3 will remain unchanged.

**From the home screen tap the following icons:**

1. “Menu”.
2. “Settings”.
3. “Name for heating circ”.

Note:


Same functions are available for MW2C  
Screen may appear different.

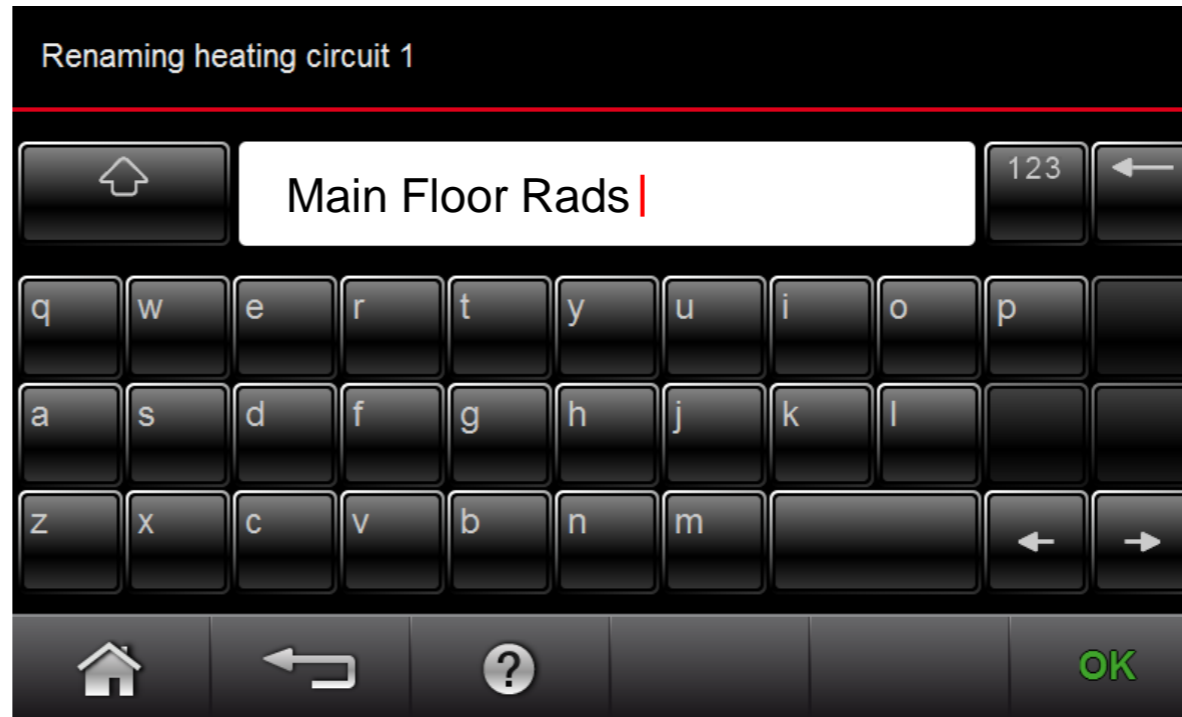


# Vitotronic 300K MW2C Cascade Control

## Settings / Entering Custom Heating Circuit Names

**From the home screen tap the following icons:**

1. “Menu”.
2. “Settings”.
3. “Name for heating circ”.
4. Enter New Name.
5. Tap “OK”. 



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**Vitotronic 300K GW6B**  
**Service**

# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## Service Level

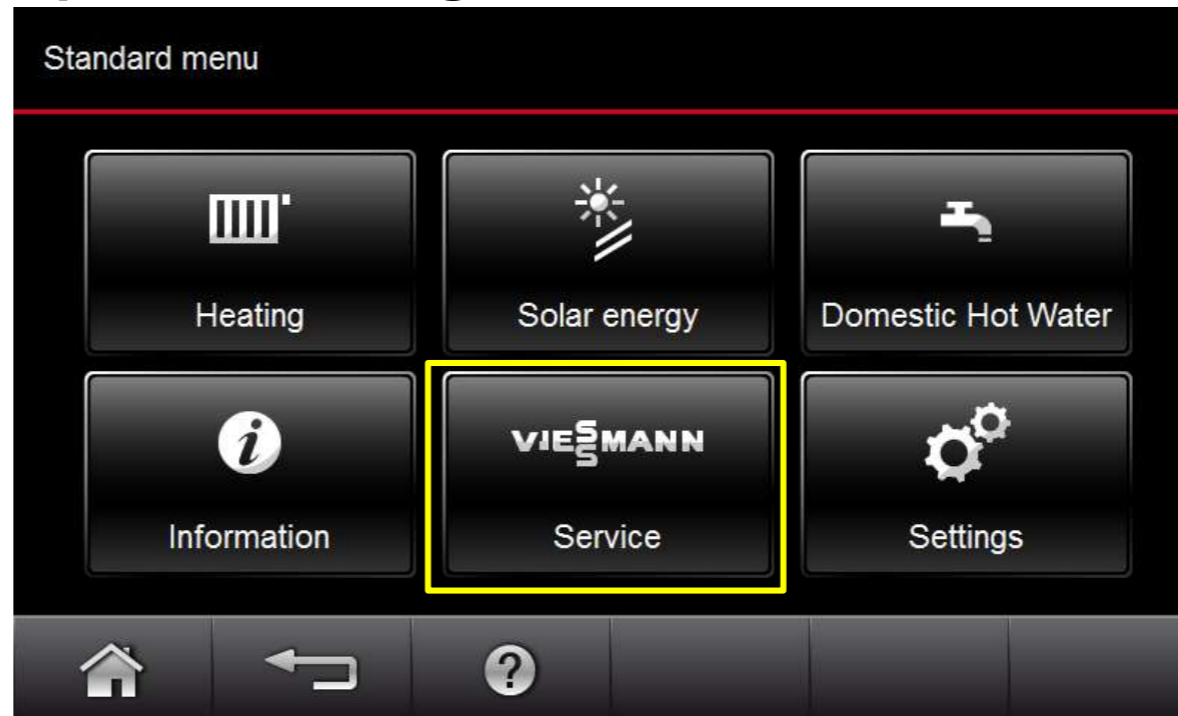
- Further programming is located in the “Service” levels.
- This area is password protected so settings cannot be accidentally changed.

**From the menu screen tap the following icons:**

**2. “Service”.**

Note:

Same functions are available for MW2C  
Screen may appear different.



# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## Service Level

- Enter the password to access the service levels.

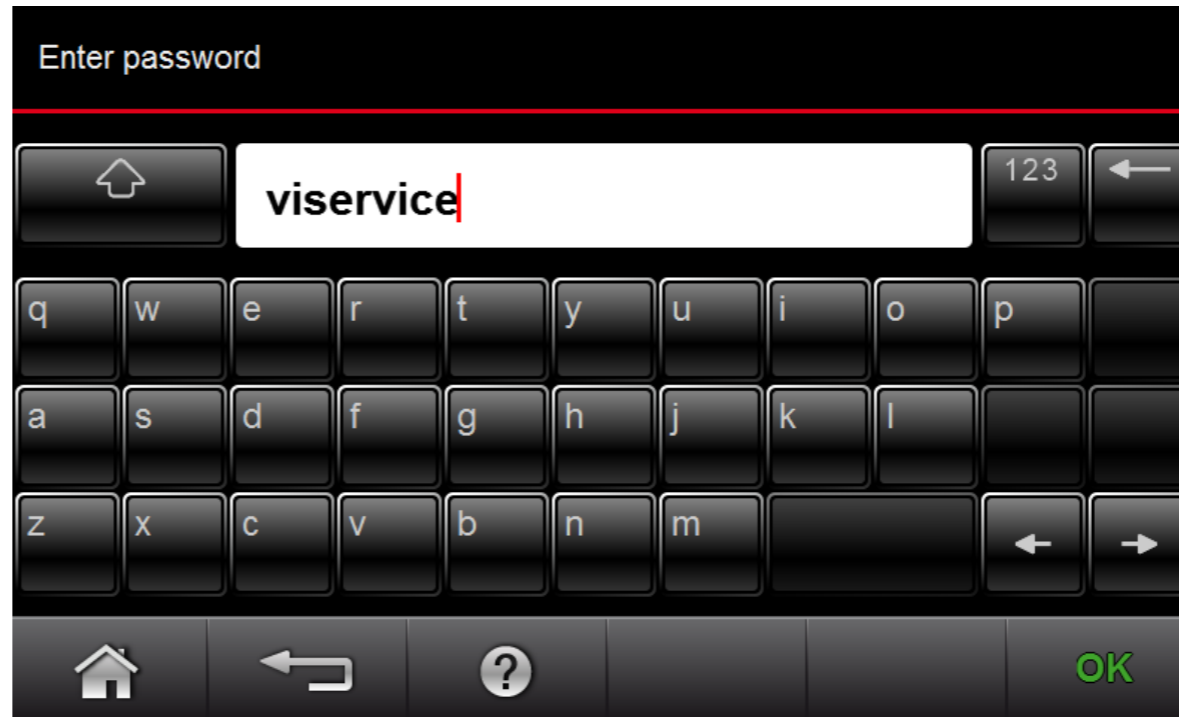
From the menu screen tap the following icons:

2. “Service”.

3. Enter “**viservice**”  
password.

Note:

Same functions are available for MW2C  
Screen may appear different.



# Vitotronic 300K GW6B for Vitocrossal 200 CM2

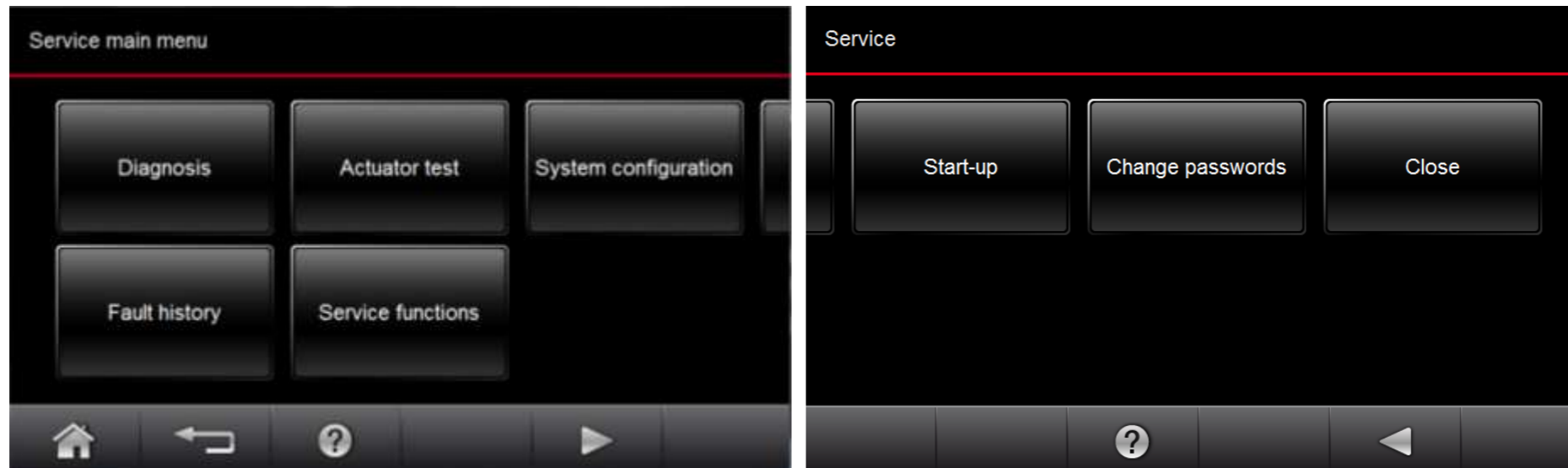
## Service Level

- Enter the password to access the service levels.

Note:

Same functions are available for MW2C  
Screen may appear different.

4. Select the required sub menu group.



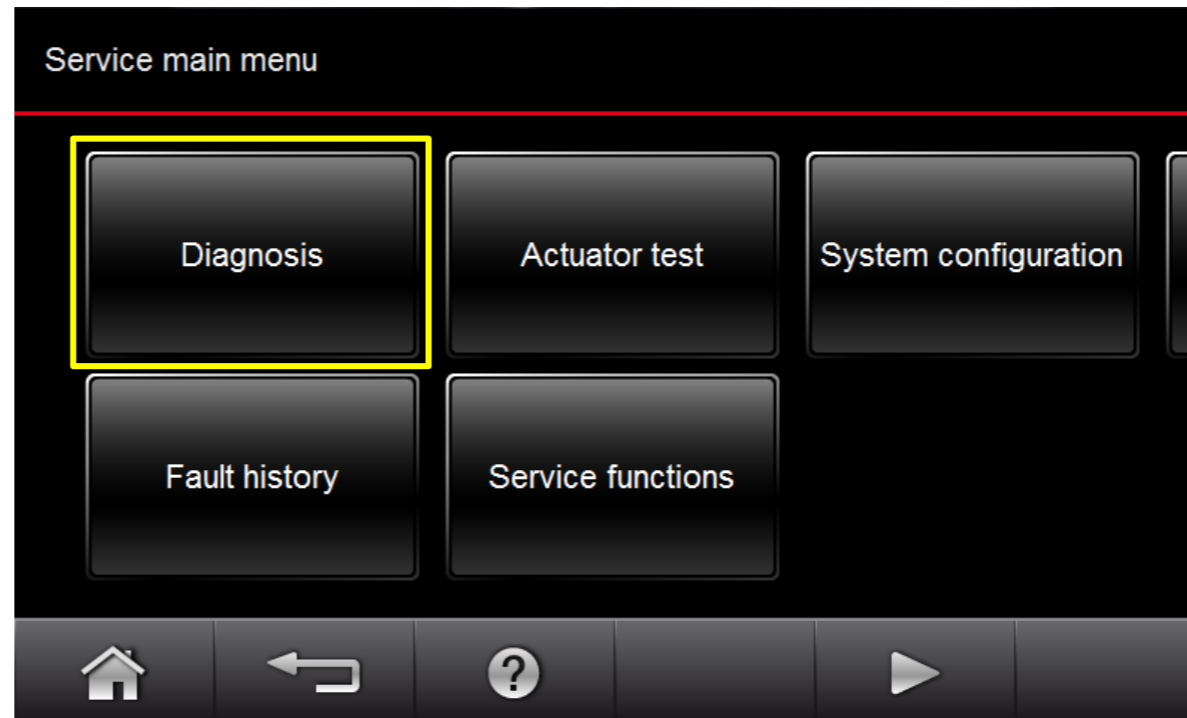


# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## Service Level / Diagnosis

- “Diagnosis” sub menu.

Note:  
Same functions are available for MW2C  
Screen may appear different.

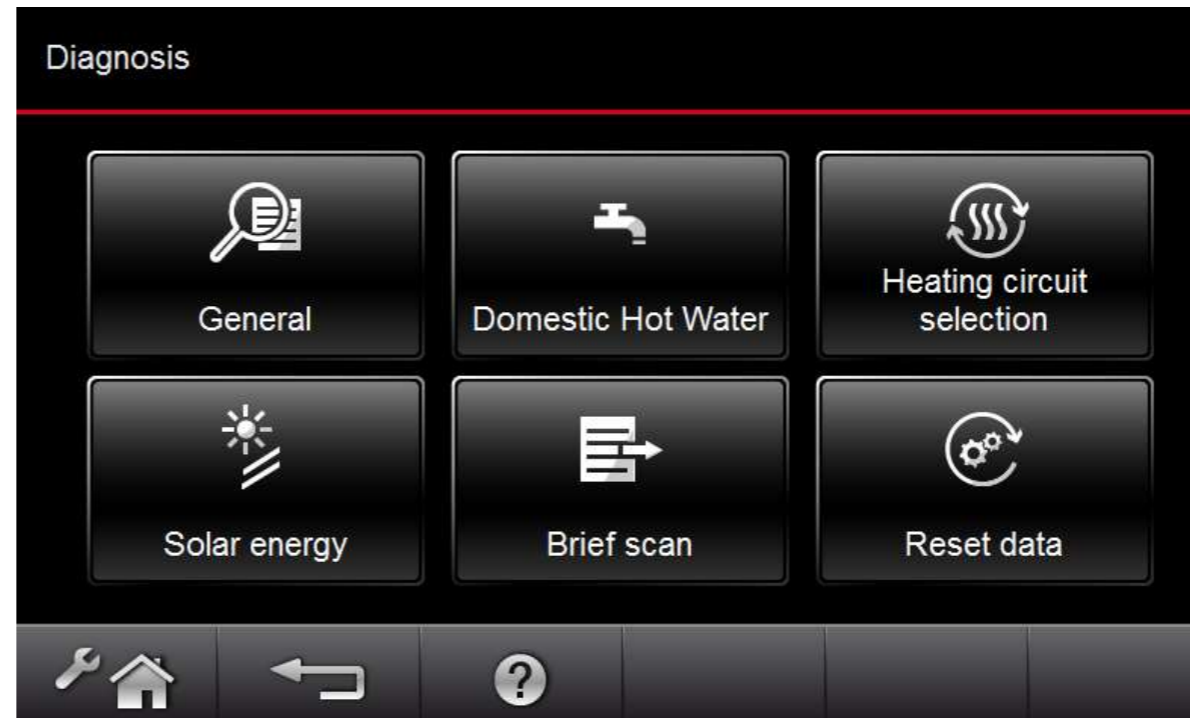


# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## Service Level / Diagnosis

- Under this menu is information on:
  - Sensors.
  - Set points.
  - Pumps commands.
  - Brief Scans. (Displayed in “detailed” or ‘Code” layouts).
  - Etc.

Note:  
Same functions are available for MW2C  
Screen may appear different.



# Vitotronic 300K GW6B for Vitocrossal 200 CM2

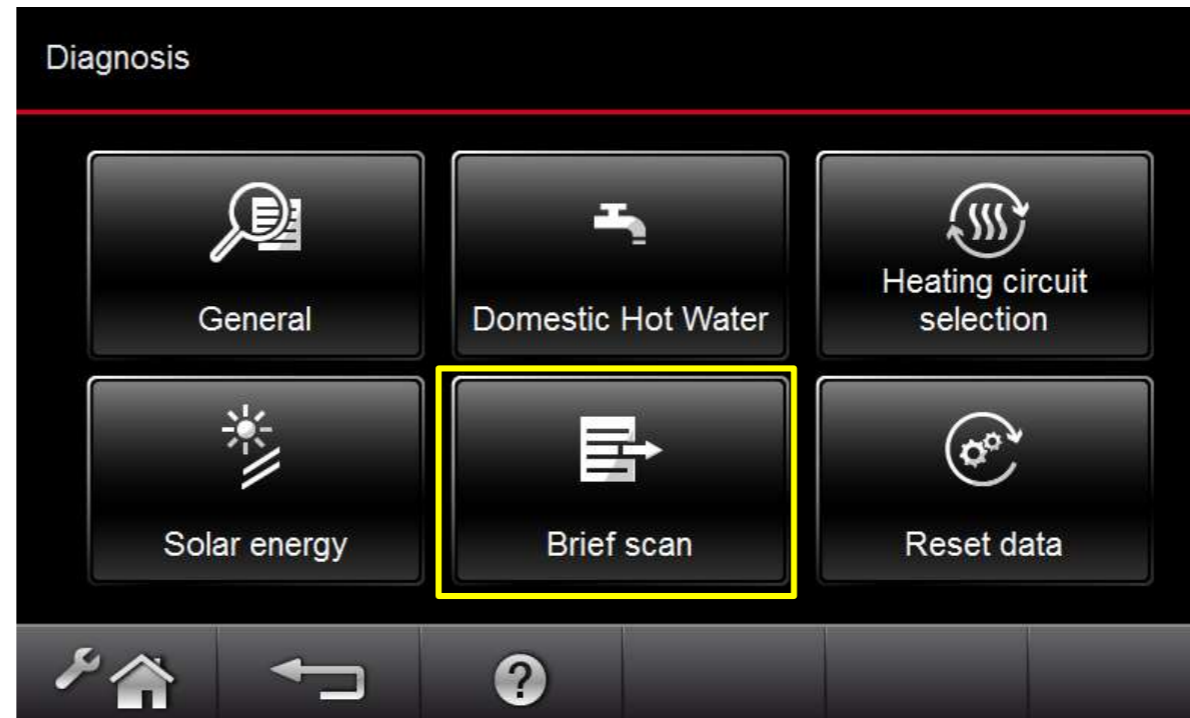
Service Level / Diagnosis / Brief Scan

From the menu screen tap the following icons:

2. "Diagnosis".
3. "Brief scan".

Note:

Same functions are available for MW2C  
Screen may appear different.

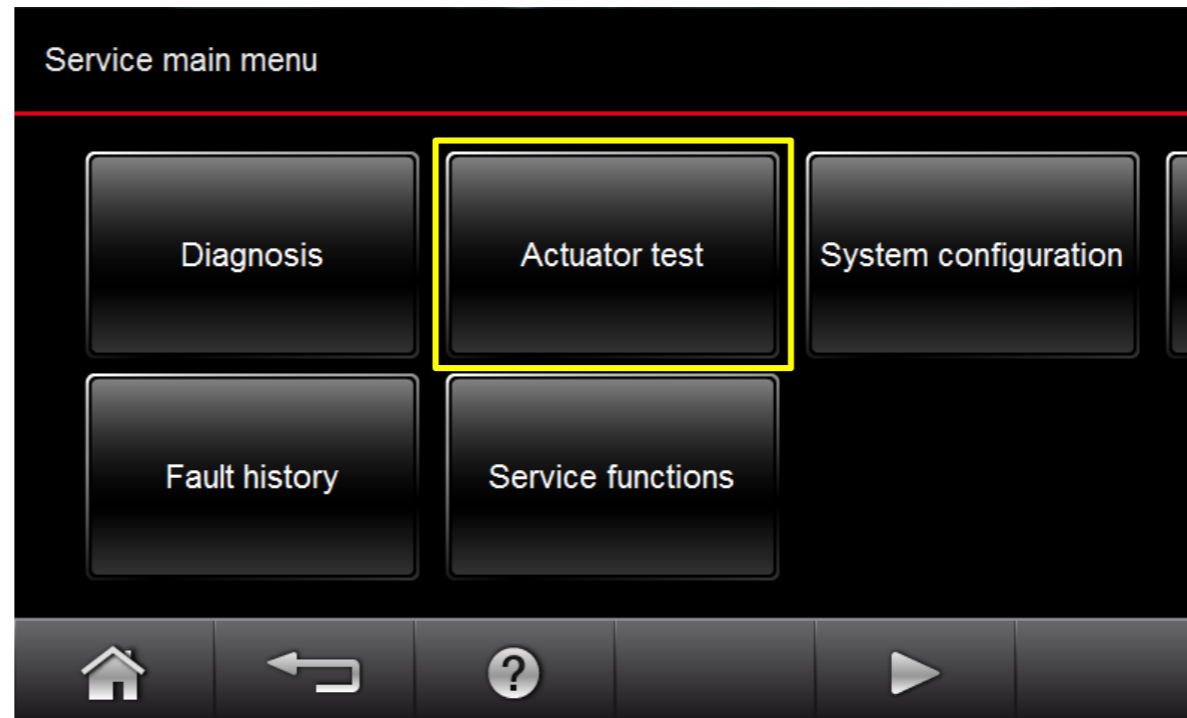


# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## Service Level / Actuator Test

- “Actuator test” (formerly, Relay test).

Note:  
Same functions are available for MW2C  
Screen may appear different.

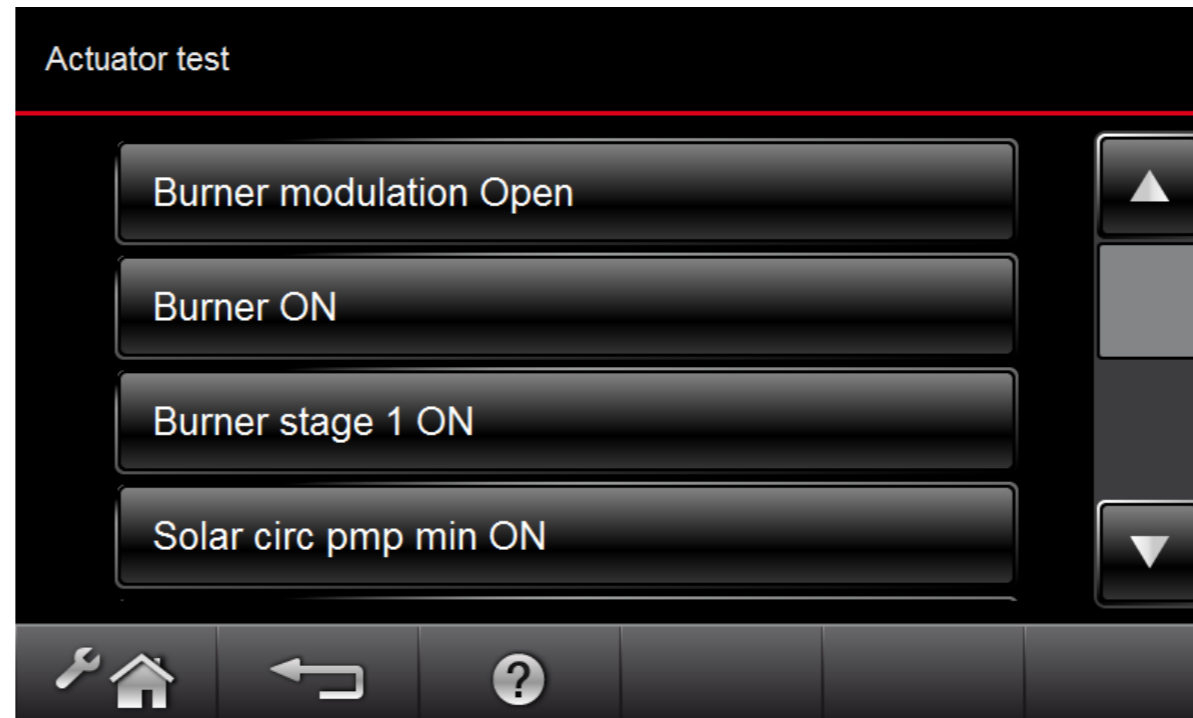


# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## Service Level / Actuator Test

- Under this menu, the various outputs can be driven on and off one output at a time without a call for there operation in the normal automatic sequence:
- Tapping the device icon will start that device's function and stop other devices.
- This allows the service tech to troubleshoot wiring or operational situations simply.

Note:  
Same functions are available for MW2C  
Screen may appear different  
Burner function would not be applicable..

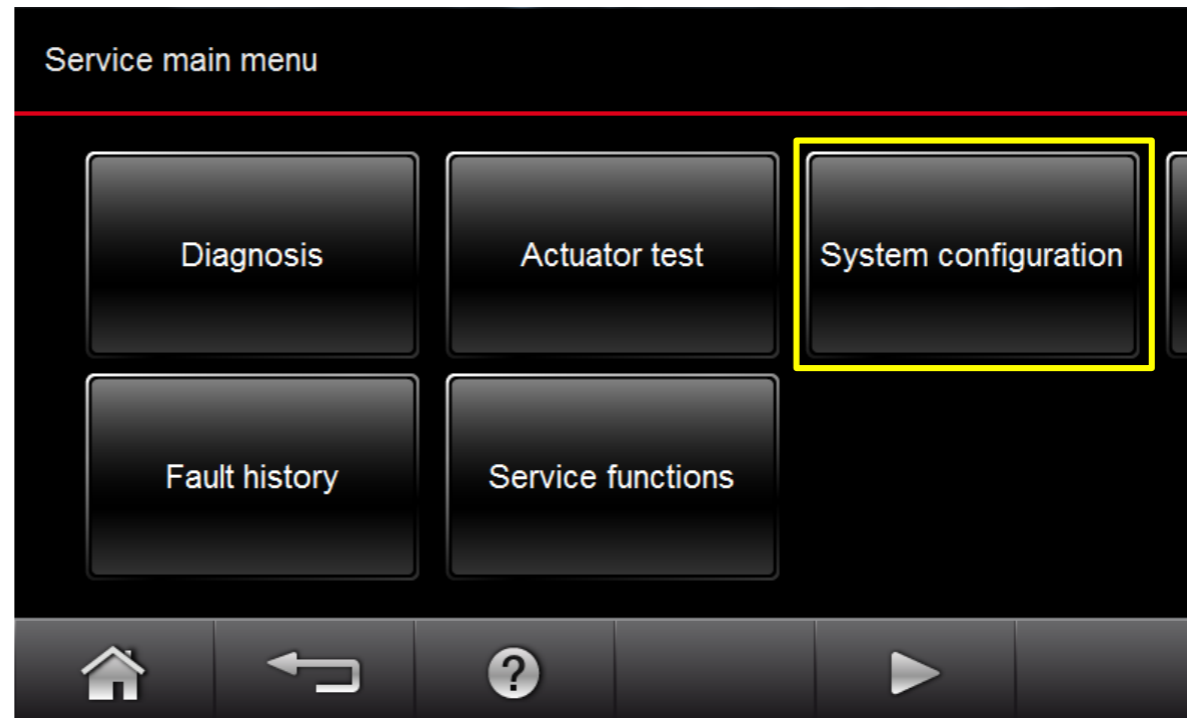


# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## Service Level / System Configuration

- “System configuration”.

Note:  
Same functions are available for MW2C  
Screen may appear different.



# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## Service Level / System Configuration / Coding Level 1

- “Coding level 1”
- Provides access to basic coding parameters.
- There are several blocks organized in subgroups as listed under Coding 1 in the service manual.

Note:  
Same functions are available for MW2C  
Screen may appear different.



# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## Service Level / System Configuration / Coding Level 1

- “Coding level 1”
  - Broken into several subgroups.
  - Subgroups are laid out the same in the coding section of the manual.
  - “All coding addresses” lists all coding level 1 addresses in alpha/numeric order with out subgroups.
  - “Reset coding address” resets coding level 1 parameters to the factory defaults.






Note:

Same functions are available for MW2C. Screen may appear different.



# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## Service Level / System Configuration / Coding Level 1

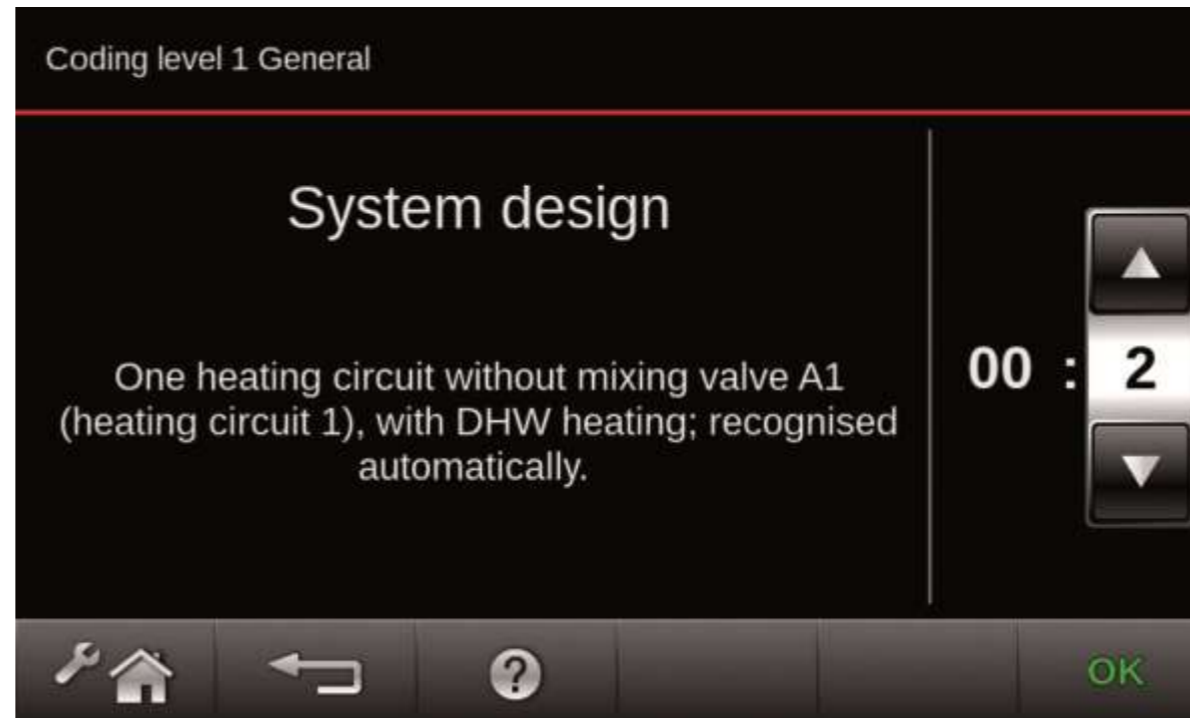
- “Coding level 1”
- Screen shot of coding 1 address 00:
- Tap   to adjust the value
- Tap “OK”  to save changes

Note:

Same functions are available for MW2C  
Screen may appear different.

*Note:*

*Address 00: is normally configured automatically by the hardware connected to the boiler.*

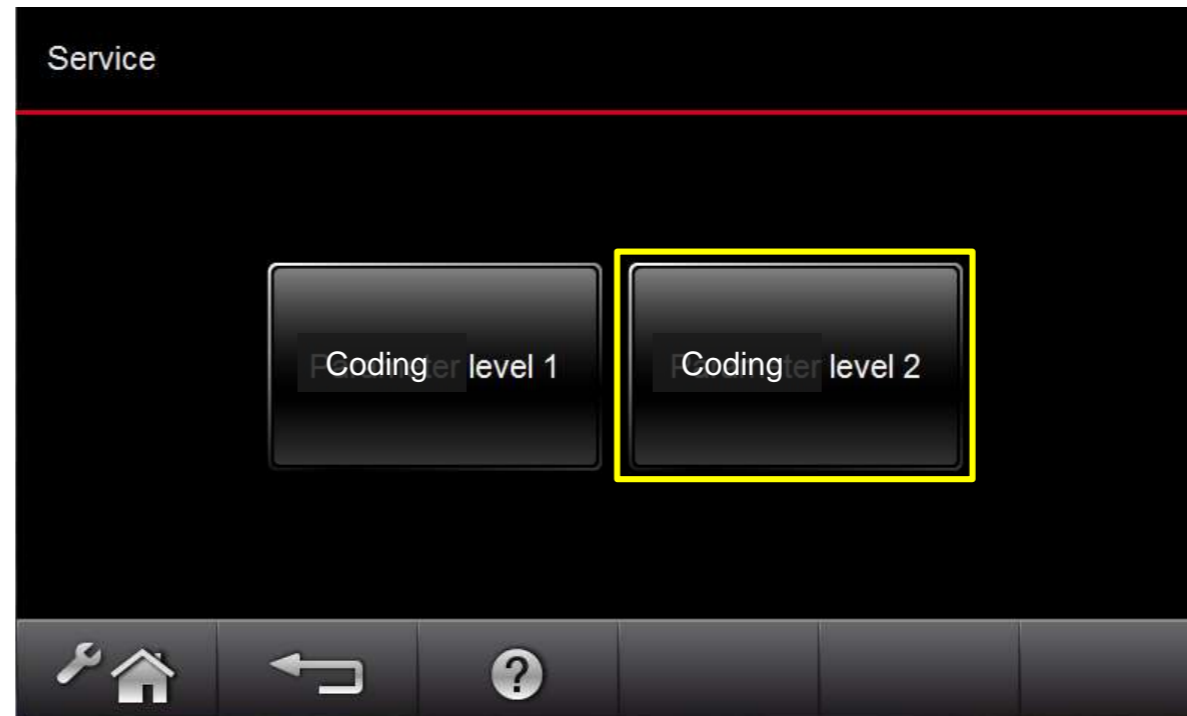


# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## Service Level / System Configuration / Coding Level 2

- “Coding level 2”
- Provides access to higher level coding parameters.
- This requires a second security password be entered.
- There are several blocks organized in subgroups as listed under Coding 2 in the service manual.

Note:  
Same functions are available for MW2C  
Screen may appear different.

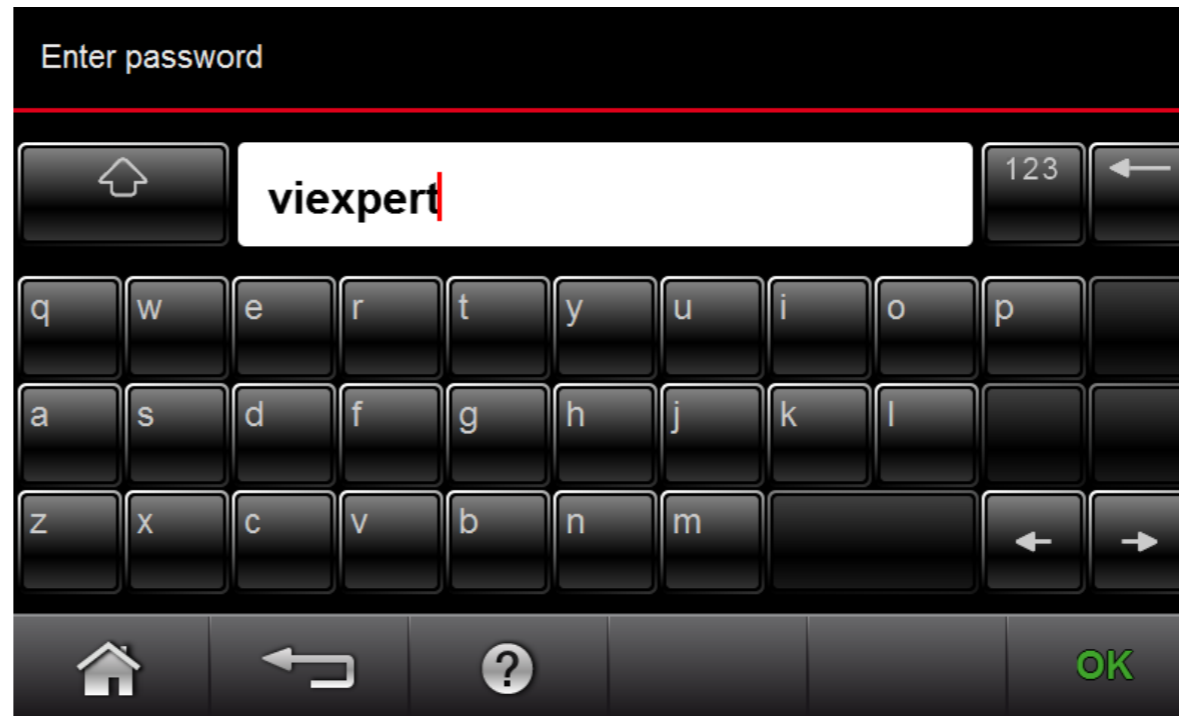


# Vitotronic 300K GW6B for Vitocrossal 200 CM2

Service Level / System Configuration / Coding Level 2

- “Coding level 2” password
- Enter “**viexpert**” to access “Coding level 2”.

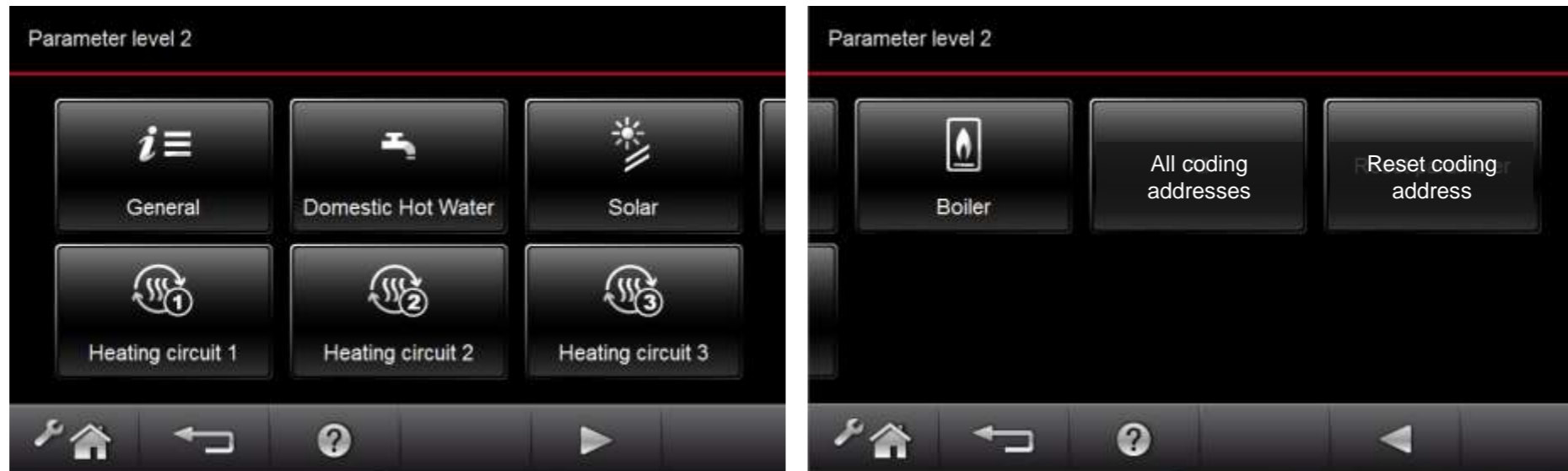
Note:  
Same functions are available for MW2C  
Screen may appear different.



# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## Service Level / System Configuration / Coding Level 2

- “Coding level 2”
  - Broken into several subgroups.
  - Subgroups are laid out the same in the coding section of the manual.
  - “All coding addresses” lists all coding level 2 addresses in alpha/numeric order with out subgroups.
  - “Reset coding address” resets **ALL coding** parameters to the factory defaults.






Note:

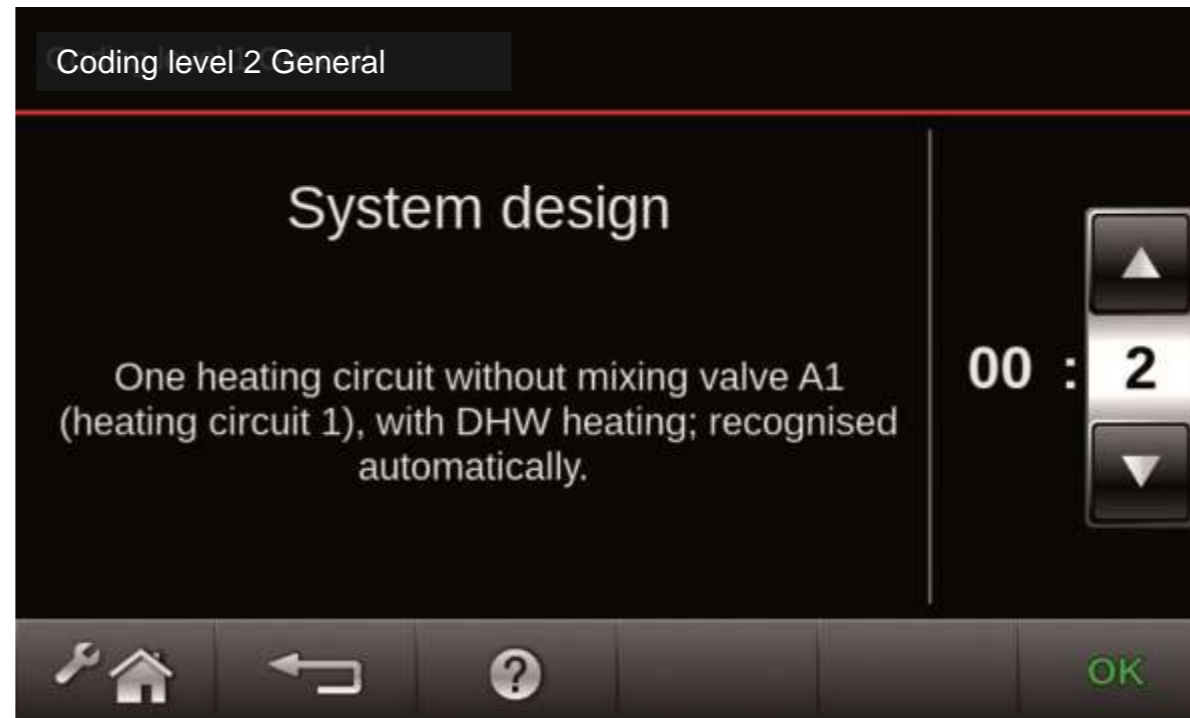
Same functions are available for MW2C .Screen may appear different.

# Vitotronic 300K GW6B for Vitocrossal 200 CM2

Service Level / System Configuration / Coding Level 2

- “Coding level 2”
- Screen shot of coding 2 address 00:
- Tap   to adjust the value
- Tap “OK”  to save changes

*Note:  
Address 00: is  
normally configured  
automatically by the  
hardware connected  
to the boiler.*

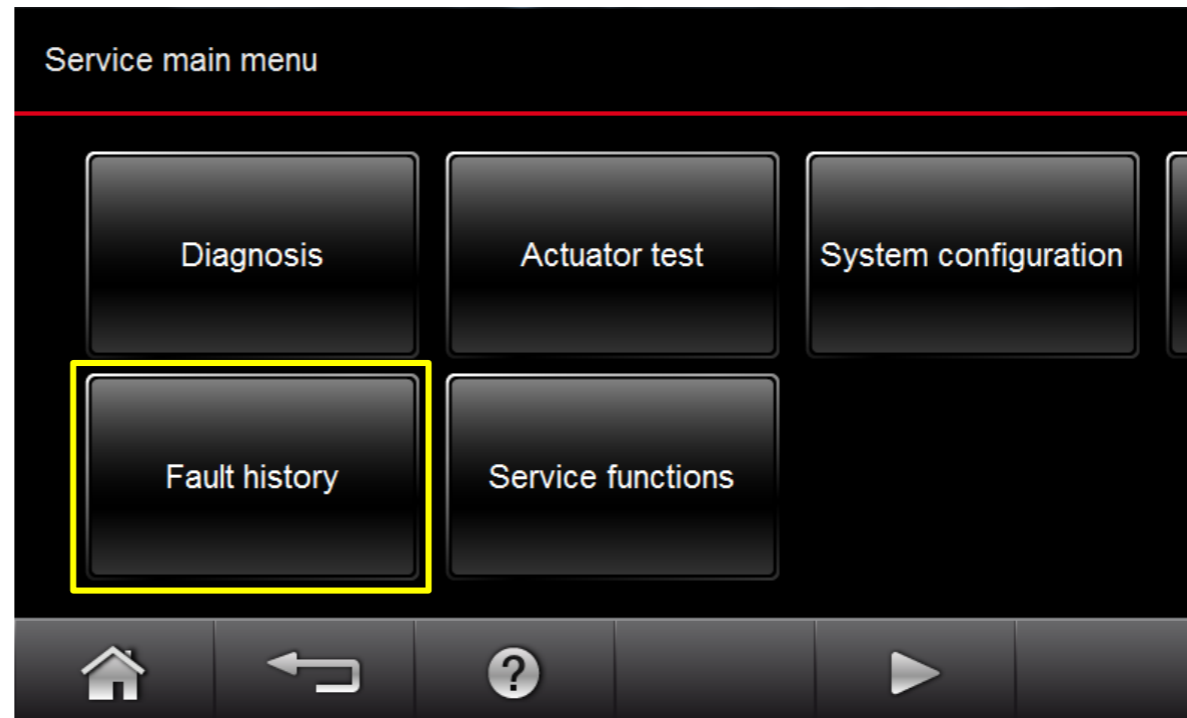


# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## Service Level / Fault History

- “Fault history”.

Note:  
Same functions are available for MW2C  
Screen may appear different.



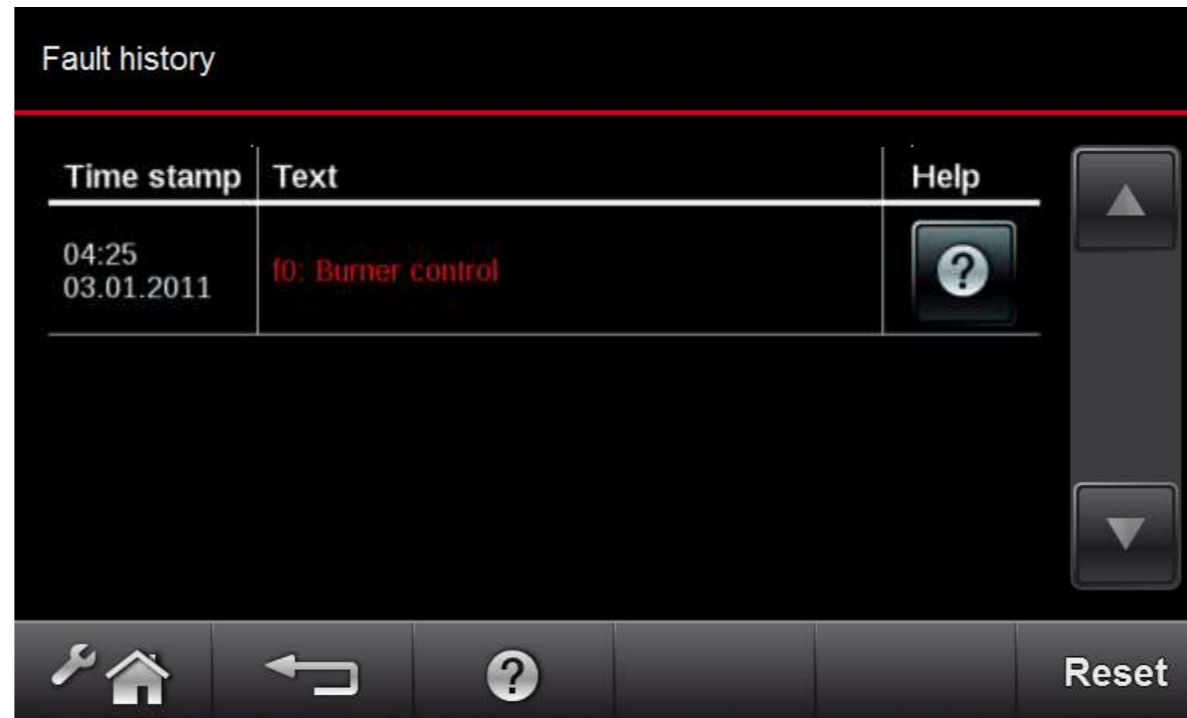
# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## Service Level / Fault History

- Under this menu, the last 10 fault conditions are recorded in order of their appearance.
- If there were more than 10 faults since the last time the history was reset, the oldest is deleted and the newest fault is added to the list.
- The Fault history can be reset by tapping the “reset”



Note:  
Same functions are available for MW2C  
Screen may appear different.

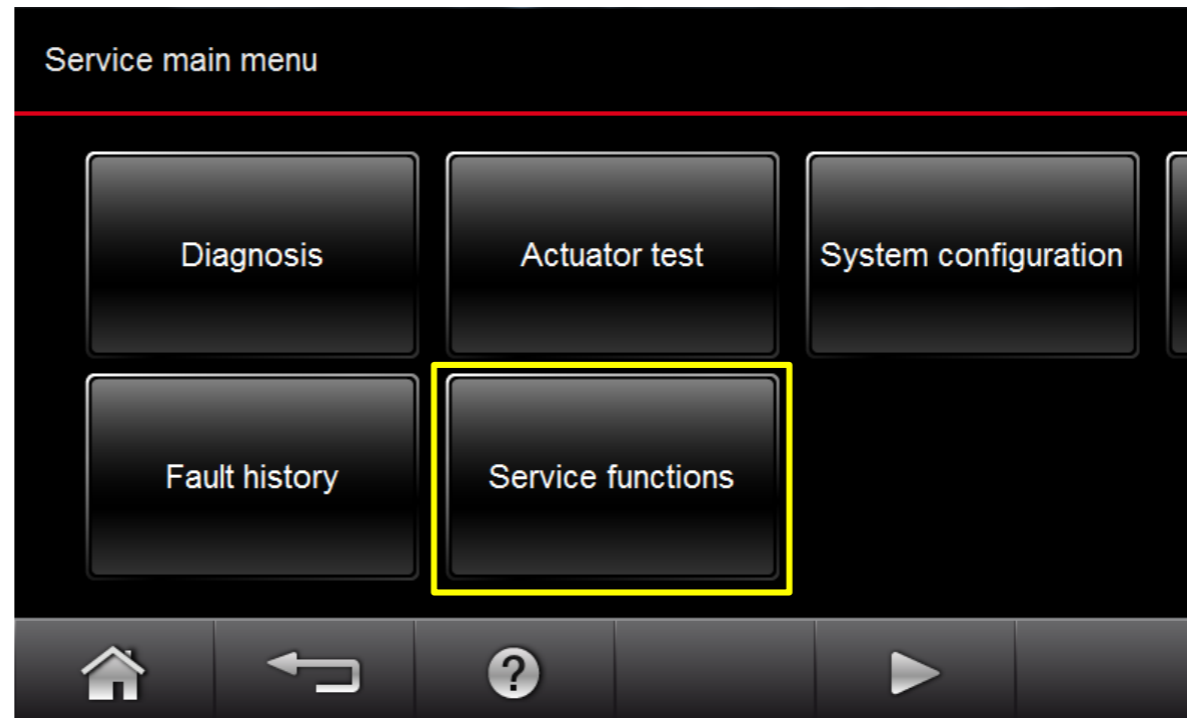


# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## Service Level / Service Functions

- “Service functions”.

Note:  
Same functions are available for MW2C  
Screen may appear different.



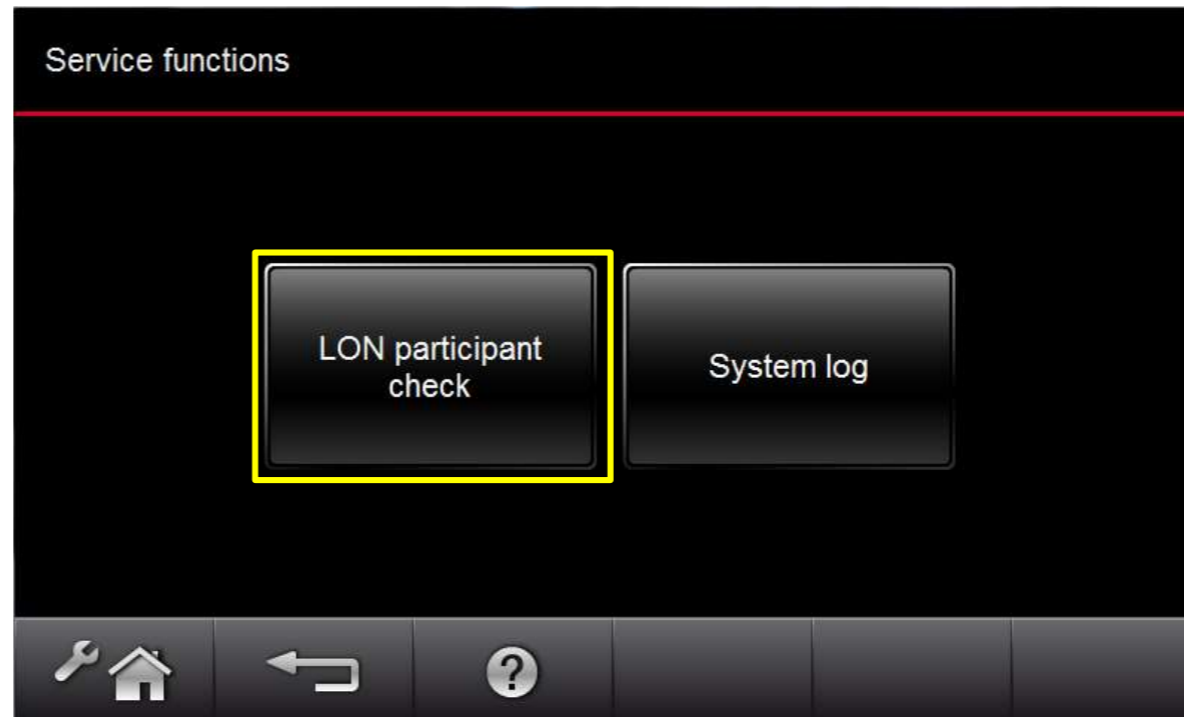


# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## Service Level / Service Functions

- Under this menu.
- “Participant check”, is used to verify the existence and communication for the various LON participants in a LON enabled system.
  - This check is run anytime a LON participant is added or removed from the system.

Note:  
Same functions are available for MW2C  
Screen may appear different.

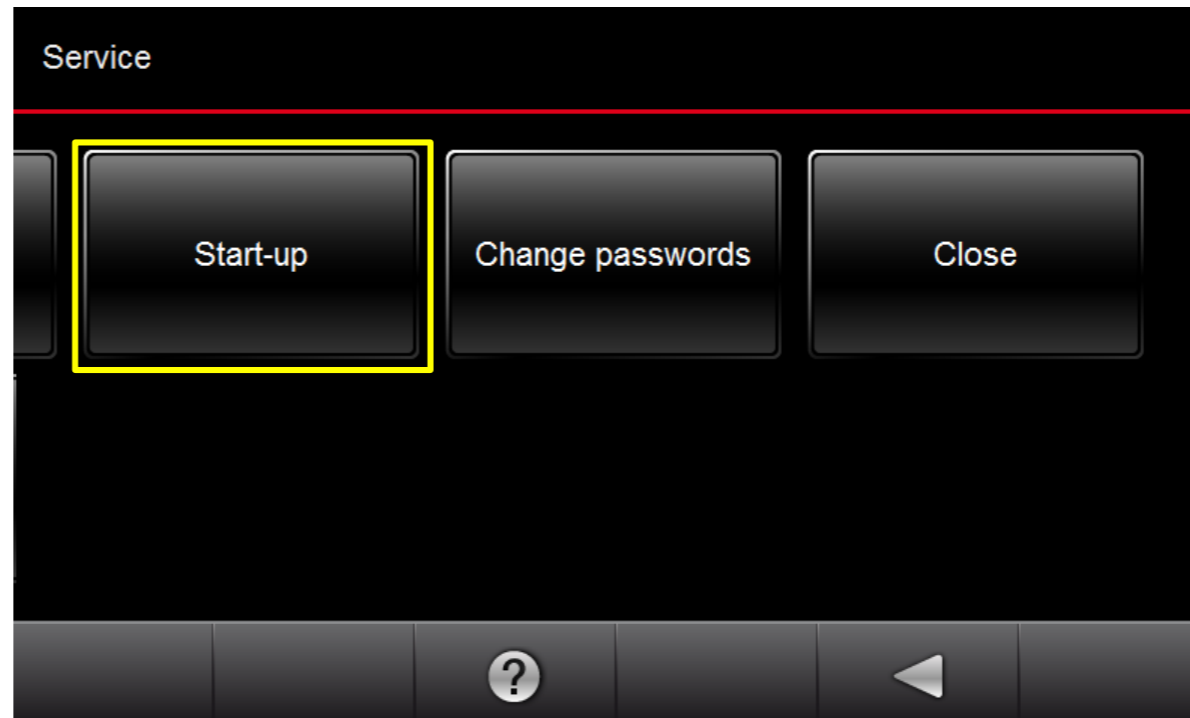


# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## Service Level / Startup

- “Start-up”.
- This starts the sequence to return the control to the Factory Default Startup Wizard.

Note:  
Same functions are available for MW2C  
Screen may appear different.

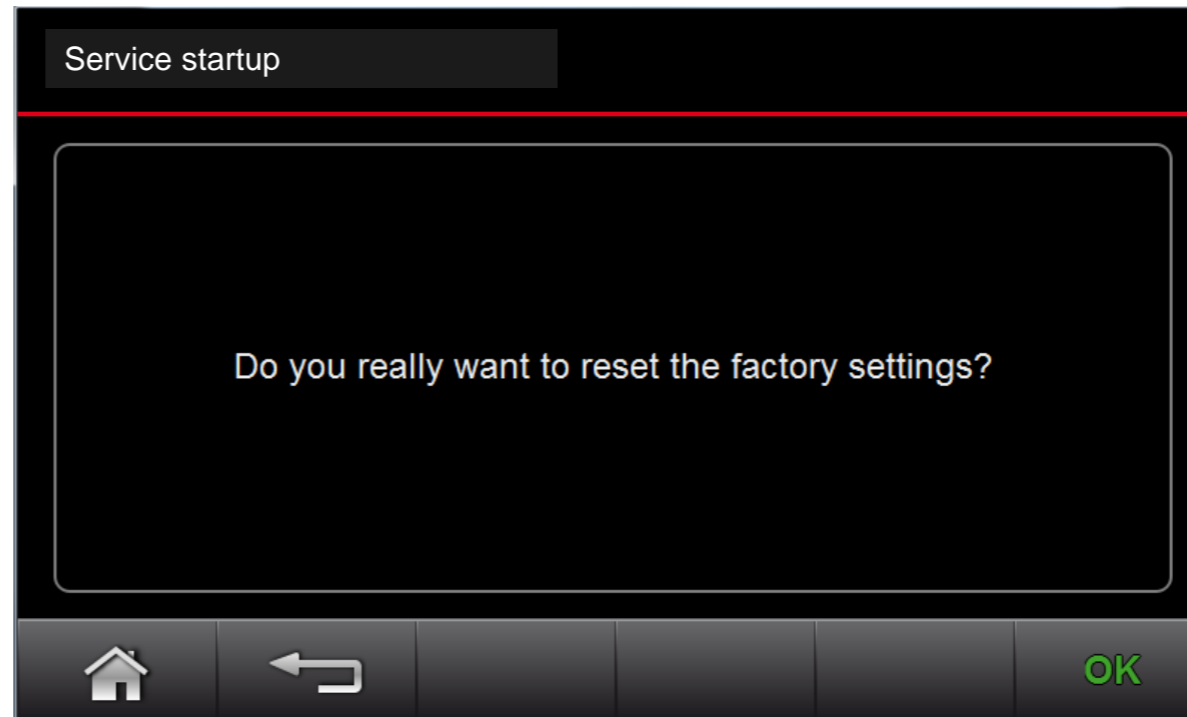


# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## Re-opening The Startup Wizard

- **NOTE:** This will re start the control to Factory Settings and the commisioning procedures will need to be re-entered.
- **All data and settings from a previous commisioning session will be lost.**

Note:  
Same functions are available for MW2C  
Screen may appear different.

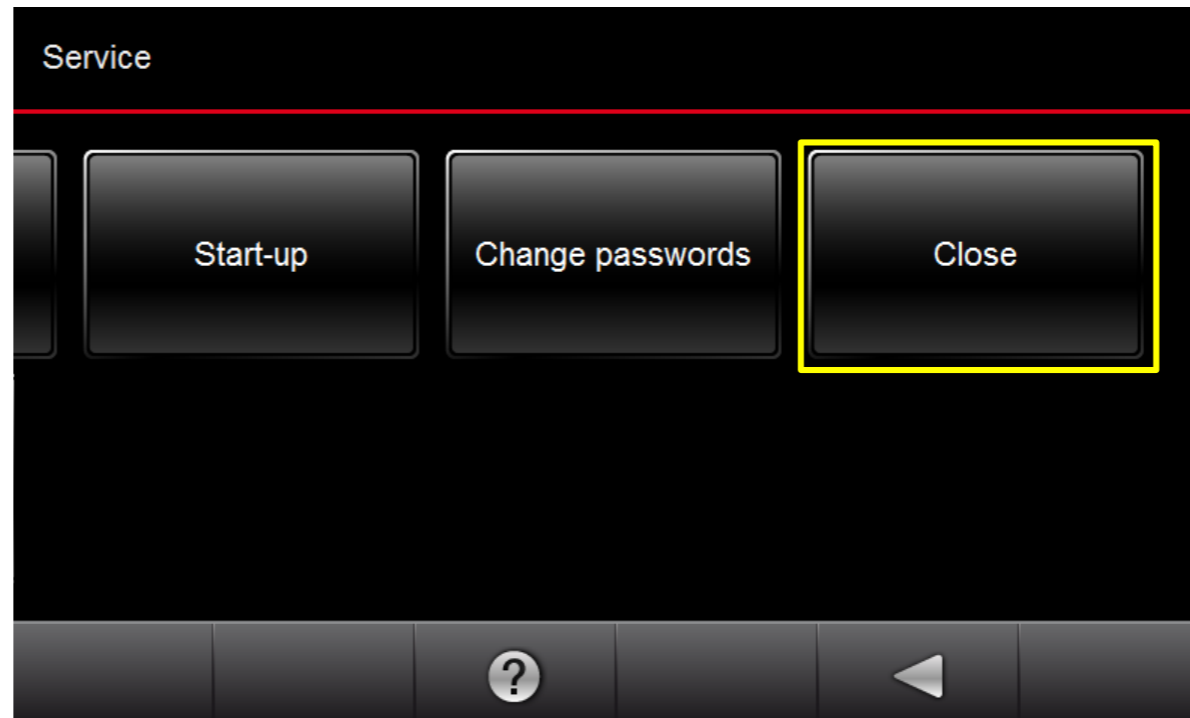


# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## Service Level / Close

- “Close”.
- The control will automatically exit the service mode approximately 30 minutes after the last keystroke.
- You can exit service mode manually if you wish by tapping “close” from the “Service main menu” screen.

Note:  
Same functions are available for MW2C  
Screen may appear different.



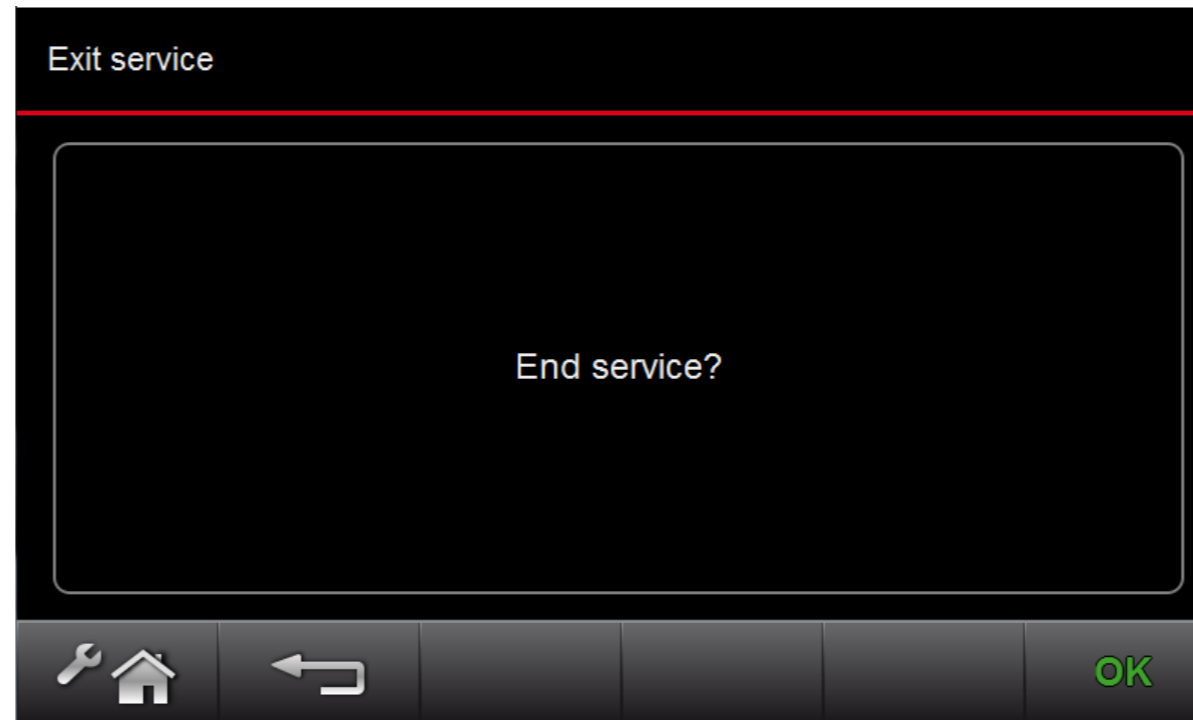
# Vitotronic 300K GW6B for Vitocrossal 200 CM2

Service Level / Close

- Then tap OK.



Note:  
Same functions are available for MW2C  
Screen may appear different.



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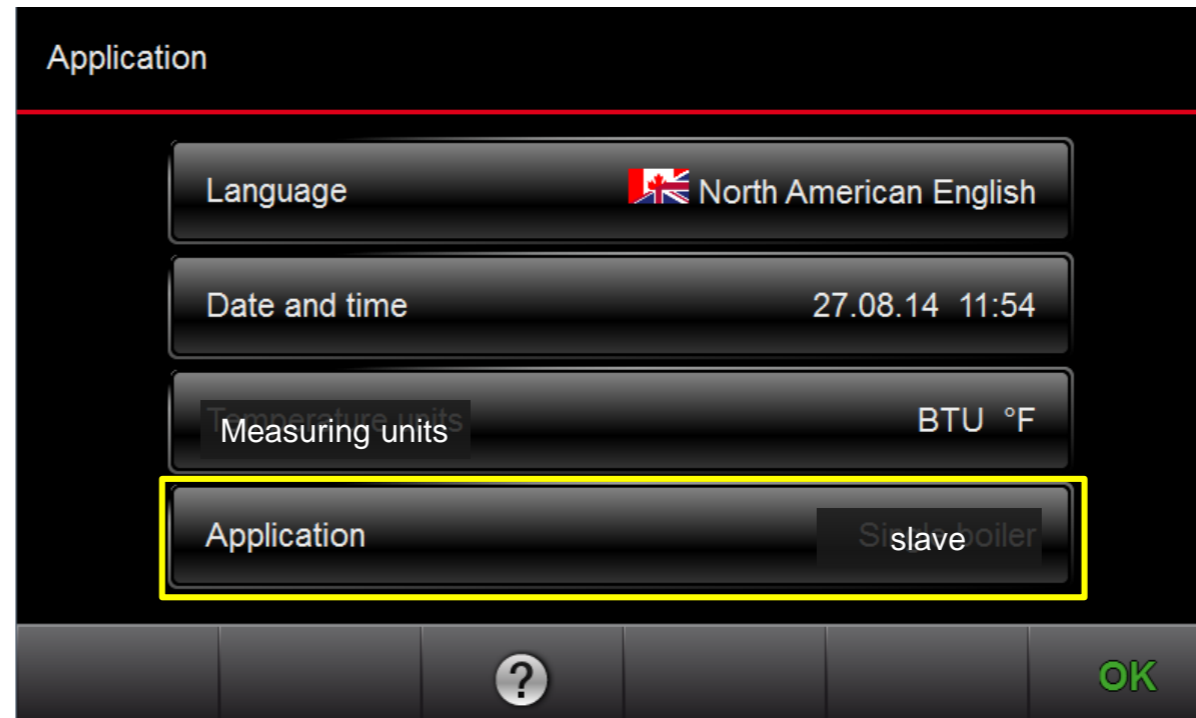
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**Vitotronic 300K GW6B**  
**Slave Mode**  
**Configuration**

# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## Startup Wizard. Setting Slave Boiler Mode

- Select the “Slave” option from the “Application” icon.

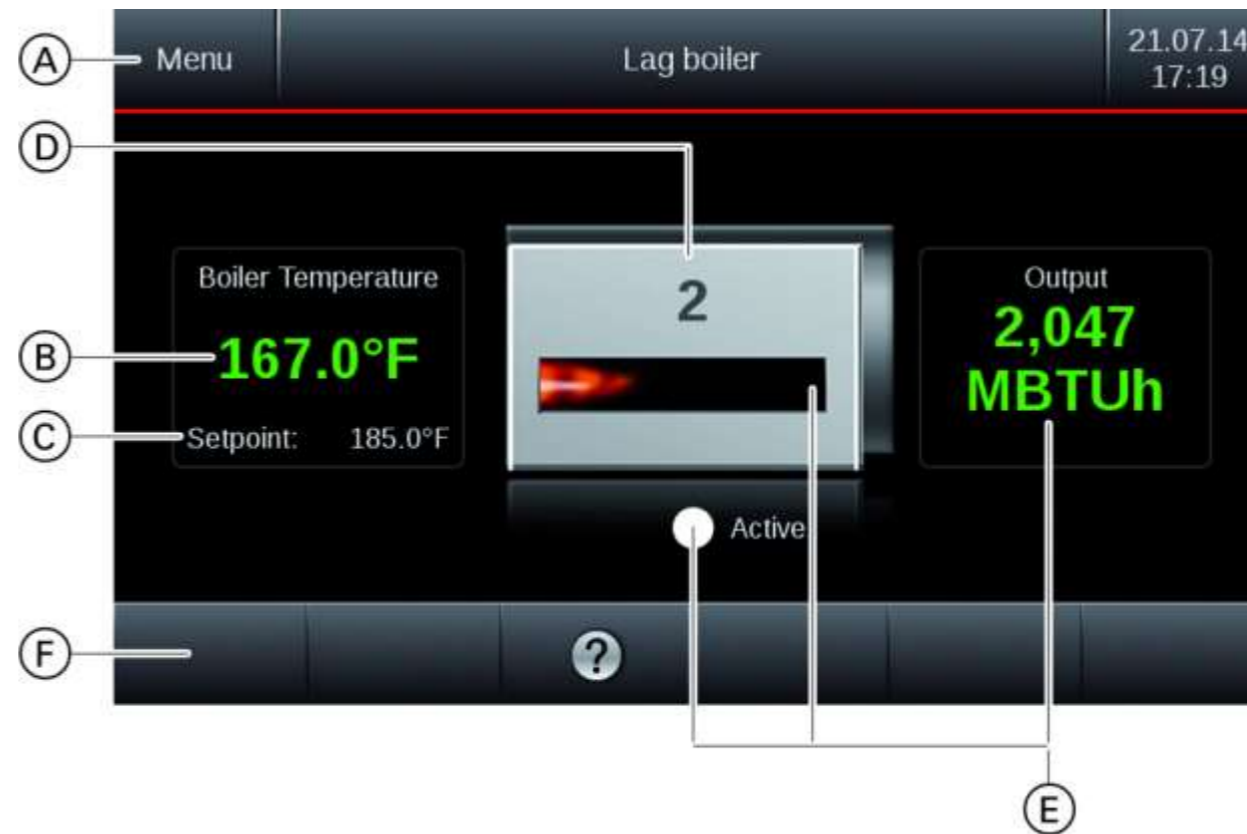


# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## Slave Mode Configuration Home Screen

- The slave mode home screen shows only the information for the slave boiler.

- Ⓐ Header
- Ⓑ Actual boiler water temperature
- Ⓒ Set boiler water temperature
- Ⓓ Boiler number in the cascade system
- Ⓔ Details on the boiler operating mode
- Ⓕ Footer

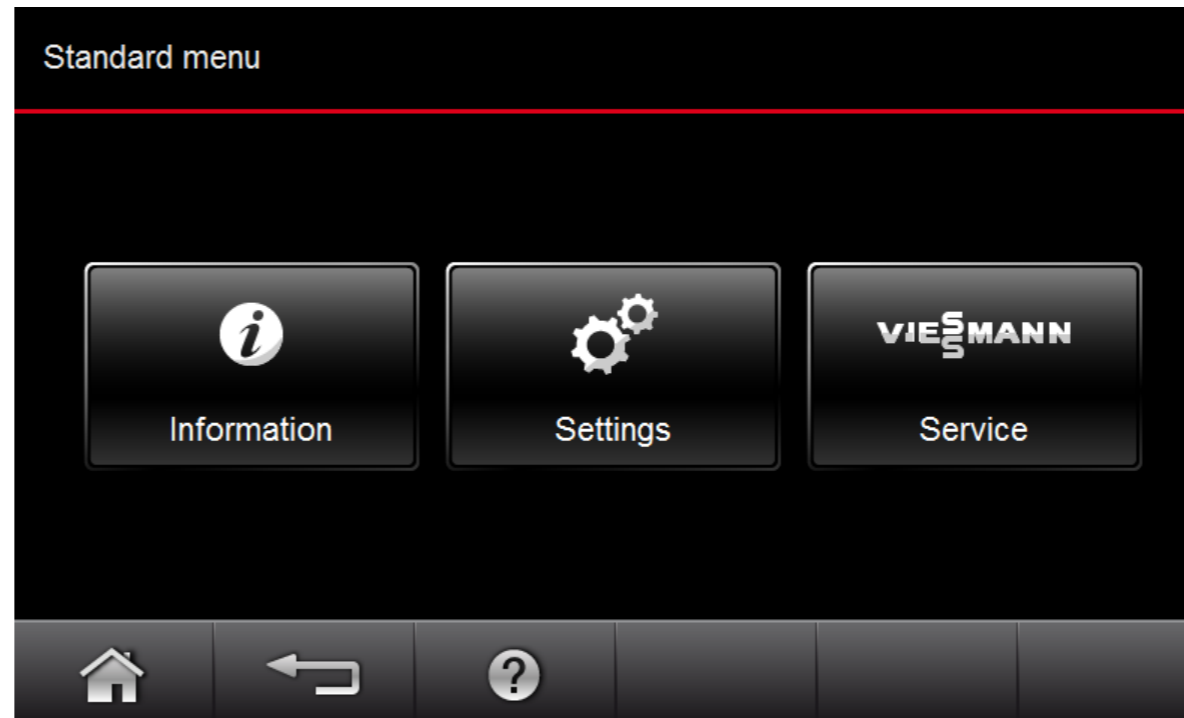




# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## Slave Mode Configuration Slave Boiler Main Screen

- The various menu screens will have fewer options because system functions are handled by the cascade control.
- The menus that are shown will function similarly to the other configuration modes.



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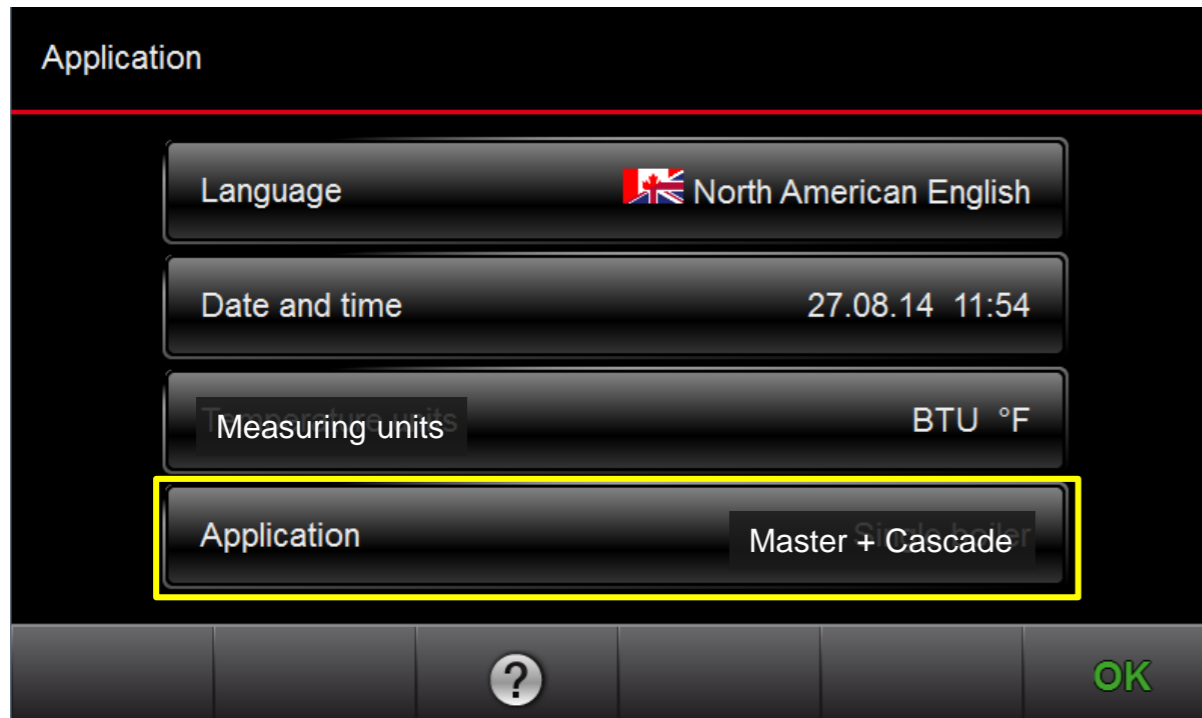
**Vitotronic 300K GW6B Cascade + Master Mode**  
**Vitotronic 200 K MW2C Cascade**  
**Configurations**

# Vitotronic 300K GW6B & MW2C

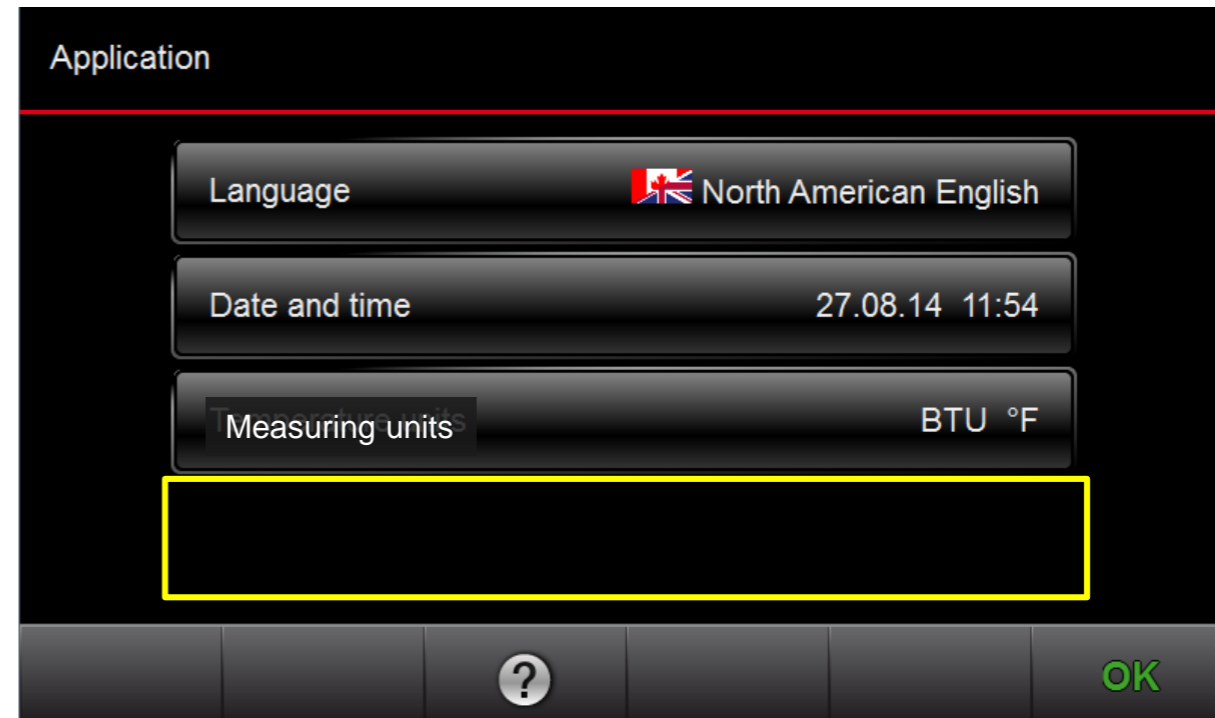
## Startup Wizard. Setting Cascade Mode

- The settings that are set in the Wizard can also be changed later in the various menus within home screen in the control.

### Vitotronic 300K GW6B




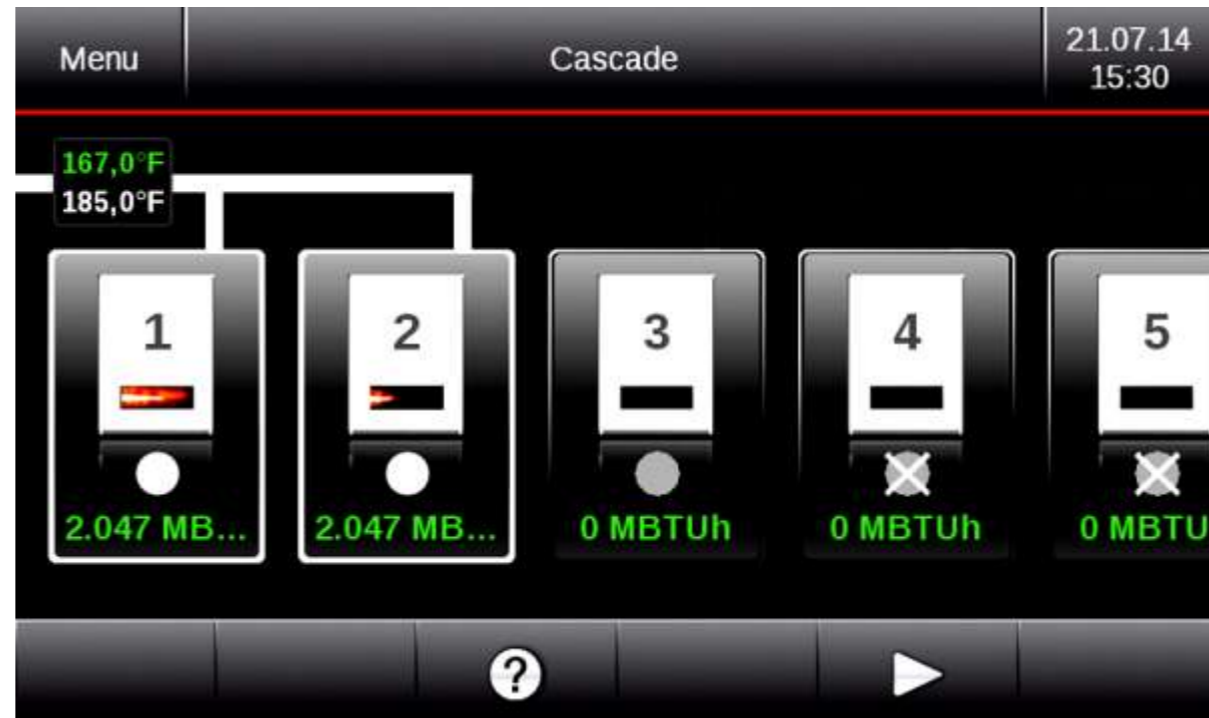
### Vitotronic 300K MW2C



# Vitotronic 300K GW6B & MW2C

## Master + Cascade, Home Screen

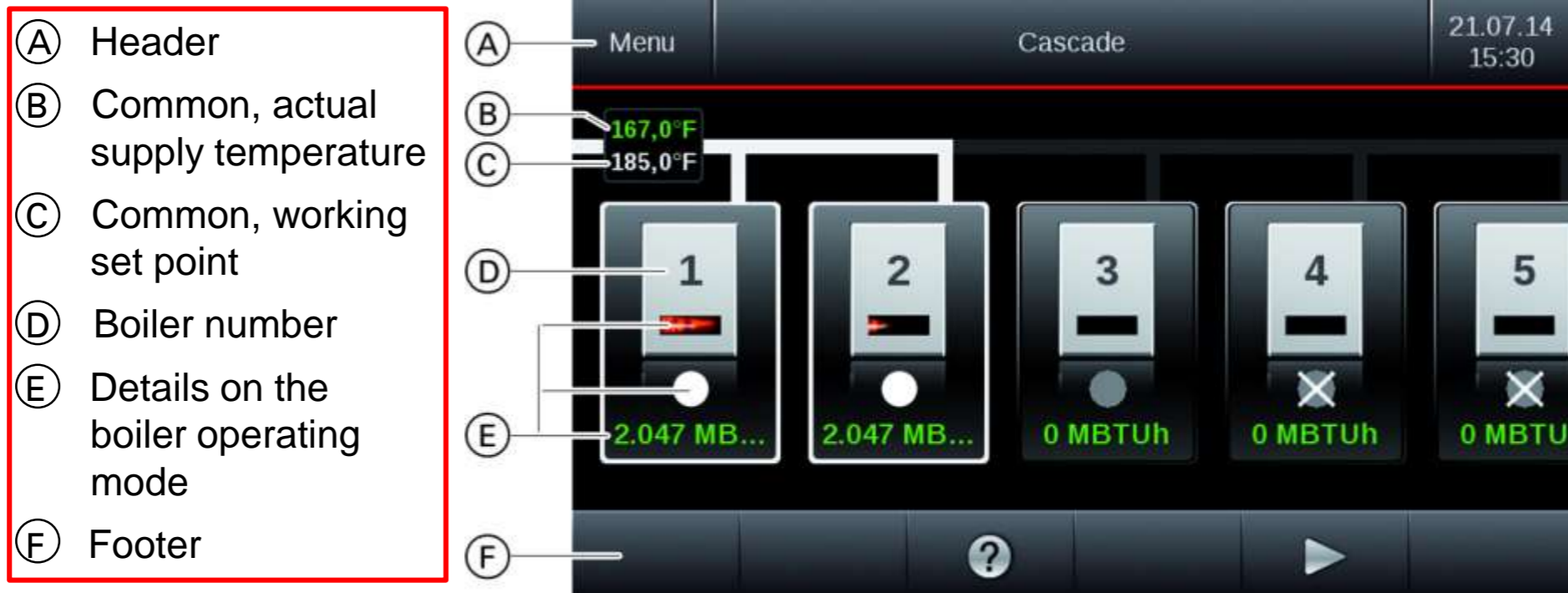
- All boilers configured in the cascaded system will be displayed on the home screen.
- Use the  icon to see boilers that do not fit on the main display.



# Vitotronic 300K GW6B & MW2C

## Master + Cascade, Home Screen

- For GW6B, when the control is set for cascade operation . The Cascade control is the Master boiler control.
  - The master boiler does not have to be the lead boiler. (D)
- The lead boiler can be changed from the “Boiler sequence” menu.



# Vitotronic 300K GW6B & MW2C

## Understanding The Home Screen Boiler Icons

The dynamic boiler icon will display different information under varying conditions

Boiler is running,  
Output is 2,047  
MBTUh



Boiler ready but not  
being called by  
cascade



Boiler is  
Unavailable



# Vitotronic 300K GW6B & MW2C


## Changing The Boiler Sequence Manually

- Boiler sequence is now available from after tapping the “Menu” button on the home screen.



# Vitotronic 300K GW6B & MW2C

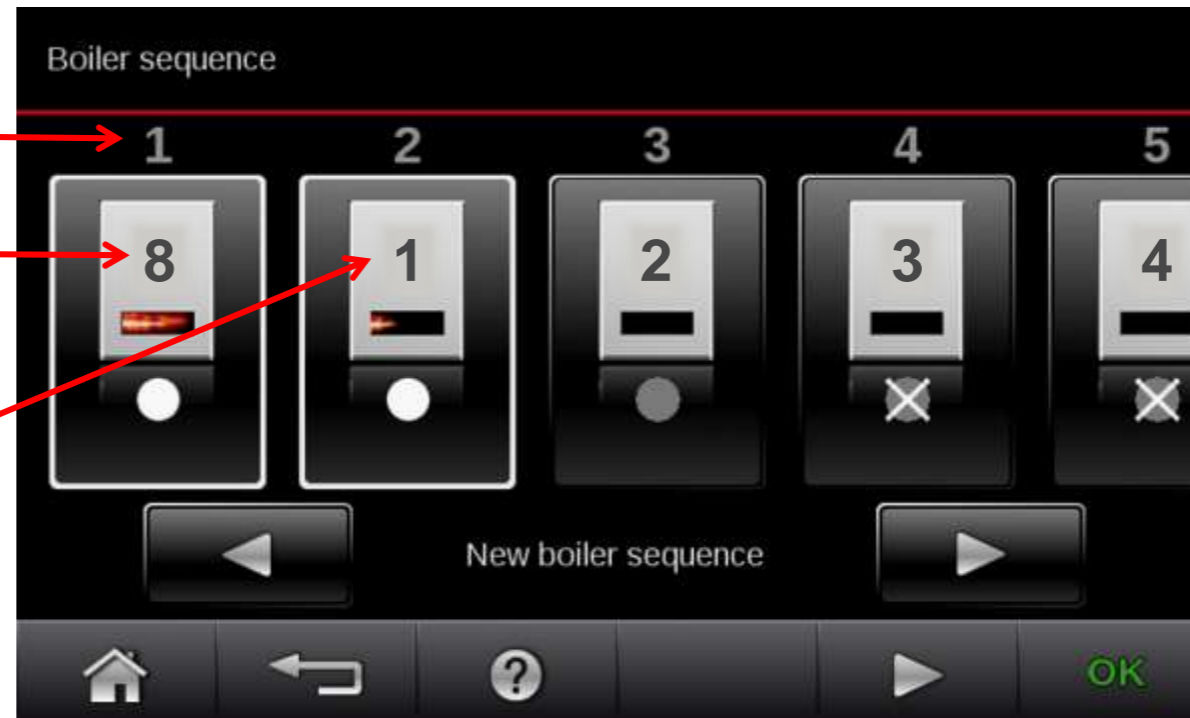
## Changing The Boiler Sequence Manually

- From the menu screen tap the following buttons:
- 2. “Boiler sequence”
- 3. Select the required boiler sequence ◀ ▶ and confirm with “OK”. 

The boiler sequence is shown here.

The boiler # in that position will be shown here

Boiler “1” is the “Master” boiler

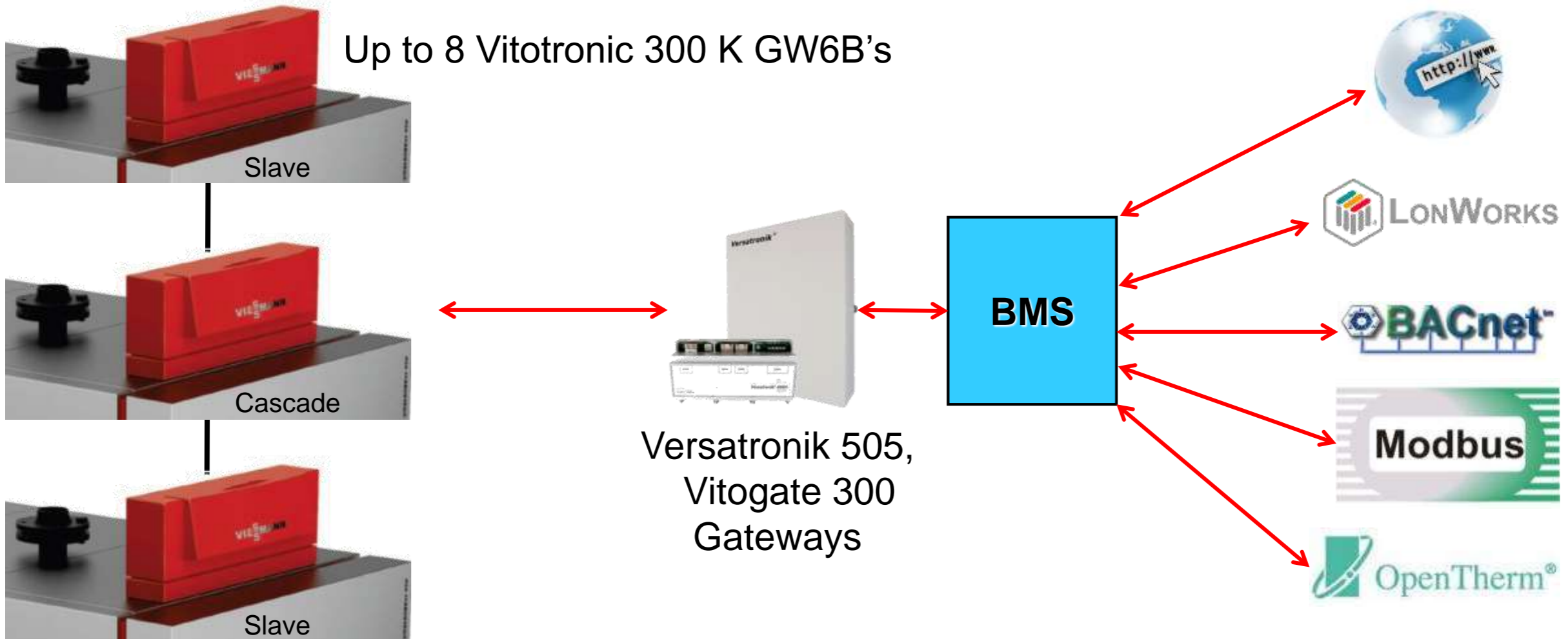




# Vitotronic 300K GW6B for Vitocrossal 200 CM2

## BMS Integration

- Vitotronic 300 K GW6B can incorporate integration into BMS system.



# Vitotronic 300K MW2C Cascade for Vitodens 200

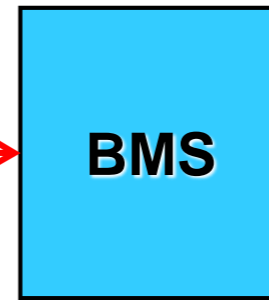
## BMS Integration

- Vitotronic 300 K MW2C can incorporate integration into BMS system.

Up to 8 Vitodens 200 with  
Vitotronic 300 MW2C



Versatronik 505,  
Vitogate 300  
Gateways



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**Vitotronic 300K GW6B**  
**Vitotronic 300K MW2C**  
**Touch Screen Controls**