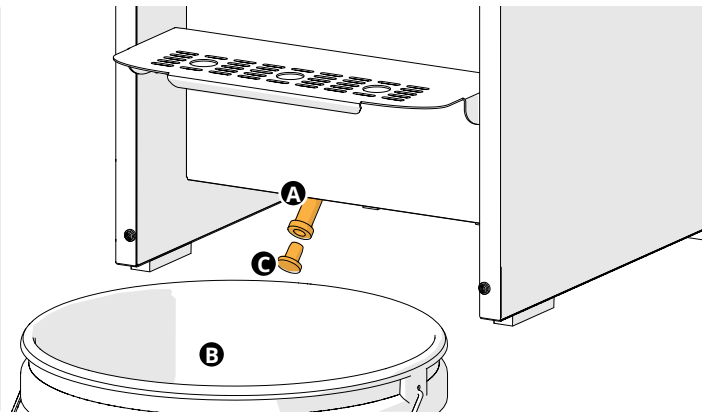
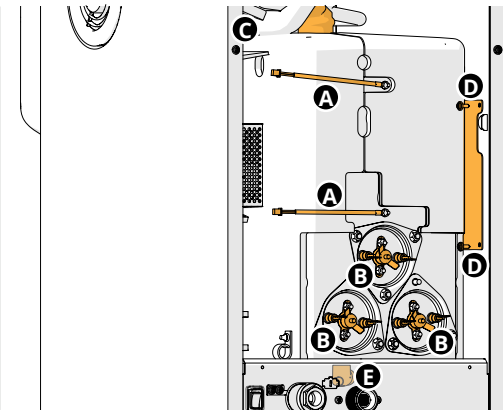


3.11 Remove the boiler



Step 1

- remove the drip tray
- pull out the draining hose **A**
- place a container under the drain hose **B**
- remove the tightening plug **C**
- wait until all the water has drained out of the boiler
- replace the tightening plug



Step 2

- remove the back panel as in [Step 1](#) of [section 3.3](#)

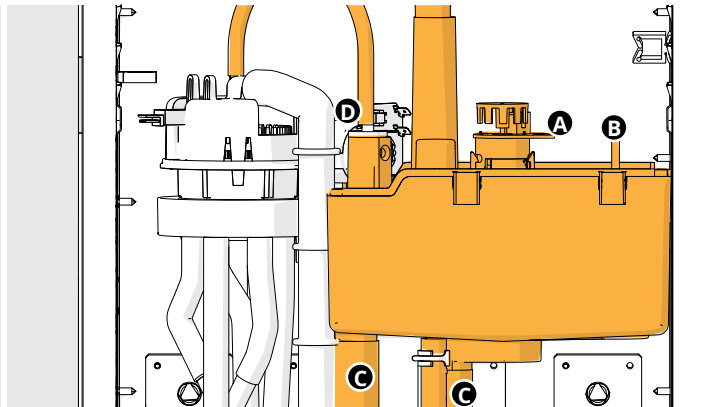
Step 3

- remove the temperature sensors from the boiler **A**
- disconnect the necessary wiring **B**
- remove the hose on top of the boiler **C**

Step 4

- remove the 2 screws **D** of the mounting plate
- lift the boiler slightly to unhook and remove it
- pull the boiler supply **E** out of the boiler

3.12 Remove the pump float tank



Step 1

- drain the hot water boiler as in [Step 1](#) of [section 3.11](#)

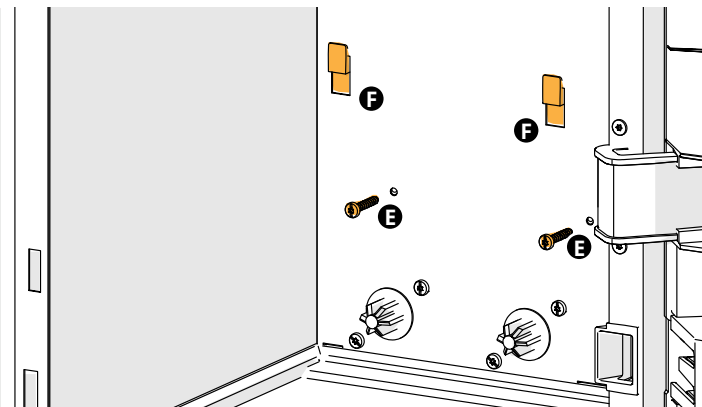
Step 2

- remove the back panel as in [Step 1](#) of [section 3.3](#)

► To remove the float or the pump there is no need to remove the complete pump float tank

Step 3

- disconnect the wiring of the pump **A** and of the float **B** (above the pump float tank)
- disconnect the 3 hoses underneath the float tank **C**
- disconnect the aeration hose **D** on top of the float tank



Step 4

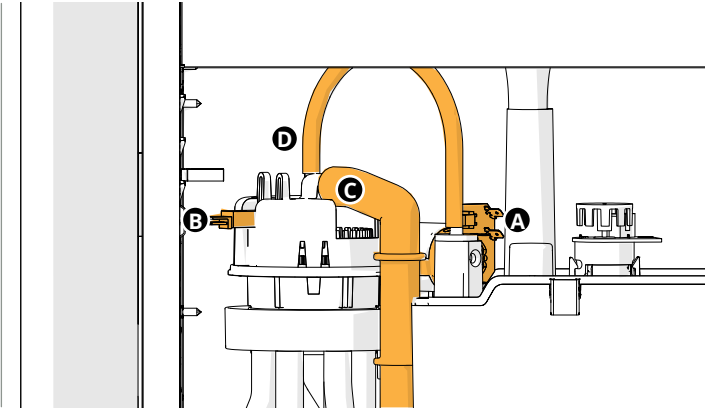
- remove the canisters as in [Step 1](#) of [section 3.5](#)

Step 5

- remove the 2 screws **E**
- lift the pump float tank **F** slightly up and pull it towards you to remove it

► To remove the pump, first remove the positioning disc to take out the pump motor.

3.13 Remove the water selector



Step 1

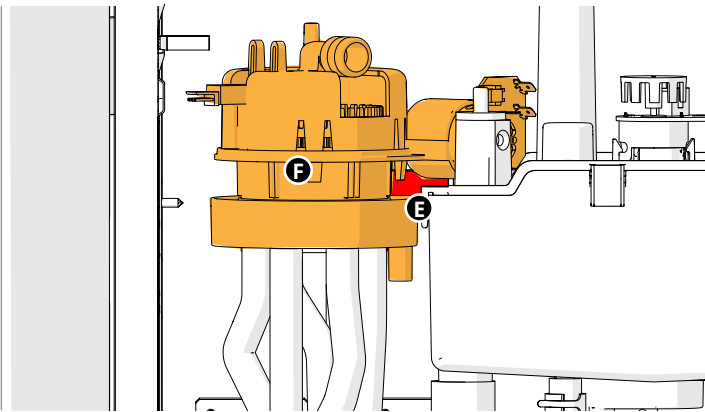
- drain the hot water boiler as in [Step 1](#) of [section 3.11](#)

Step 2

- remove the back panel as in [Step 1](#) of [section 3.3](#)

Step 3

- disconnect the wiring from the motor **A**
- disconnect the wiring from the light sensor **B**
- disconnect the hot water supply hose **C**
- disconnect the aeration hose **D**

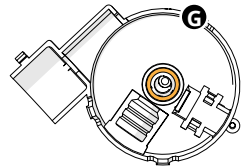


Step 4

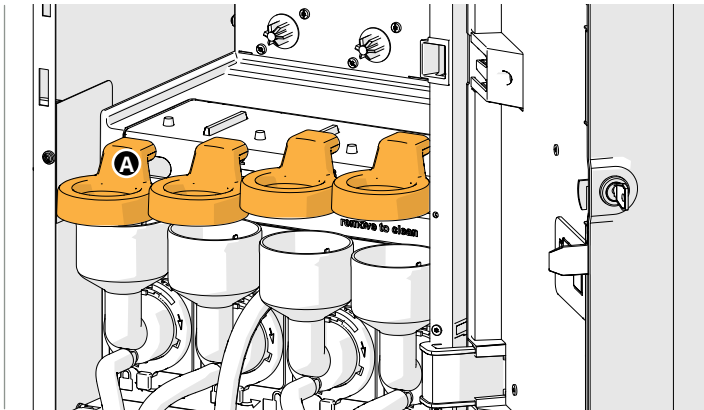
- push the locking pawl **E** forward
- move the water selector **F** to the right and then towards you to unlock it

► Maintenance can be carried out without disconnecting the hoses from the water selector outlet.

► Consider greasing the notch **G** in the lid, where the rotating disc rotates, with food-grade silicone grease.



3.14 Reset the safety relay (only for 6KW and 10KW models)

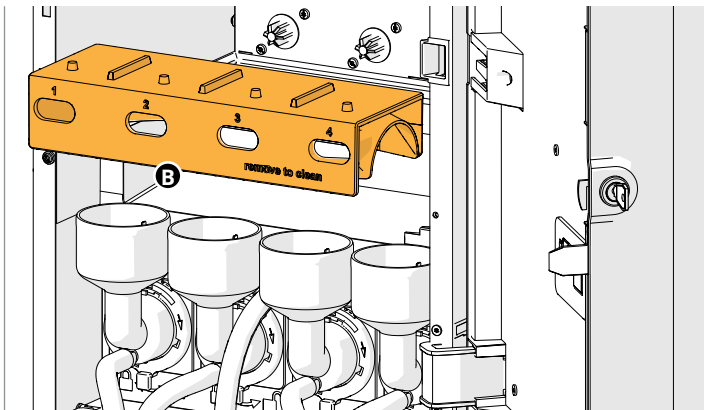


Step 1

- remove the canisters as in [Step 1](#) of [section 3.5](#)

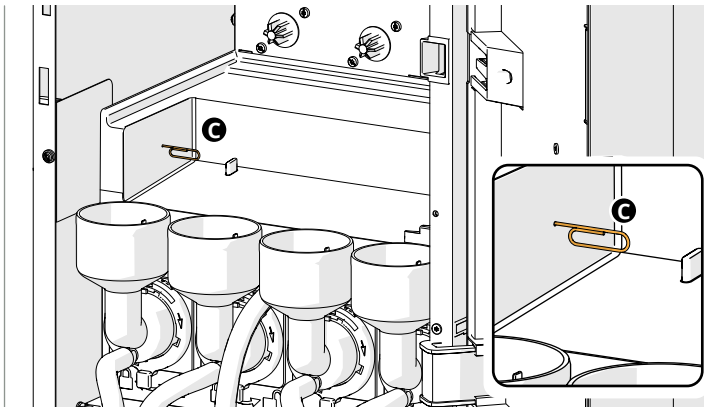
Step 2

- remove all the condense reservoirs **A** of the mixing units



Step 3

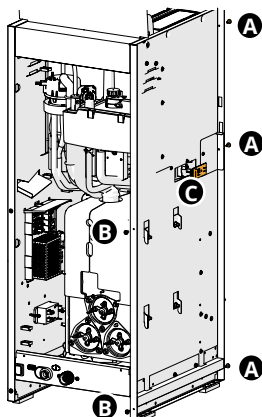
- remove the fan duct **B**



Step 4

- reset the safety relay with a small pin **C**, consider using a paper clip
- switch of the machine and wait a few seconds before switching it back on

3.15 Remove the safety relay board (only for 6KW and 10KW models)



Step 1

- open the door
- open and remove the lid
- remove 3 screws **A** at the front and 2 **B** at the back of the left-hand panel
- remove the side panel
- remove the safety relay board **C**

4. Warnings and errors

4.1 Warnings

code	description	action
W001	temperature sensor out of range	no action required, disappears after a few seconds, becomes after 3 incidents E002
W002	temperature too high	no action required, disappears after a few seconds
W003	temperature not rising while relay engaged	no action required, disappears after a few seconds, becomes E004 after 3 incidents within certain time
W004	canister motor not detected	reset the message on the screen
		- if the error persists, check the following parts: » wiring of the canister motor » canister motor
W005	<i>not used</i>	
W006	mixing cups must be rinsed	reset the message on the screen
		» rinse the mixing system, see "Rinse mixing system" in de user manual
W007	machine must be descaled soon	reset the message on the screen
		» schedule the descaling procedure soon
W008	machine must be descaled now	reset the message on the screen (the warning will pop-up after every dispensed beverage)
		» descale the machine, see "Descale" in de user manual
W009	water filter must be changed soon	reset the message on the screen
		» schedule water filter replacement soon
W010	water filter must be changed now	reset the message on the screen (the warning will pop-up after every dispensed beverage)
		» replace the water filter and confirm in "Water filter management" in de user manual

4.2 Error messages

code	description	Detected	Suspected components
E001	temperature rise while relay disengaged	temperature sensors measure a certain temperature rise when power should not be converted to the heating element	• reset the message on the screen • if the error persists, check the following parts: » heating relay » I/O board » all associated wiring
E002	temperature sensor out of range	the temperature sensor (NTC) measures a value that is outside its range (0 Ohm or infinity Ohm)	• reset the message on the screen • if the error persists, check the following parts: » temperature sensor » I/O board
E003	magnetic valve unexpectedly opened	machine fills 3 times without a beverage selection for dispensing.	• reset the message on the screen • if the error persists, check the following parts: » leakage water system » temperature sensor » float
E004	temperature not rising while relay engaged	the heating relay is activated and no temperature rise is measured	• reset the message on the screen • if the error persists, check the following parts: » reset bi-stable relay » high temperature safety device » I/O board » Heating element » all associated wiring
E005	water selector malfunction	the light sensor of the water selector does not measure pulses or cannot find the starting position	• reset the message on the screen • if the error persists, check the following parts: » scale » light sensor » motor » flat cable » all associated wiring » rotation disc » I/O board
E006	water supply failure	the float did not rise within a certain time during filling	• reset the message on the screen • if the error persists, check the following parts: » water tap not opened » kinked hose » water pressure/flow to low » inlet valve » float » all associated wiring
E007	<i>not used</i>		

code	description	Detected	Suspected components
E008	bus system communication error	no communication	• reset the message on the screen • if the error persists, check the following parts: » all associated wiring of the underneath parts » I/O board » HMI board » MDB board (if present)
E009	pump motor malfunction	no or too few pulses during start-up or operation of the pump motor	• reset the message on the screen • if the error persists, check the following parts: » pump motor » encoder not properly inserted » all associated wiring » I/O board
E010	mixer motor not detected	mixer motor not detected during start-up	• reset the message on the screen • if the error persists, check the following parts: » mixer motor » all associated wiring » I/O board
E011	canister motor malfunction	the canister motor runs too heavily	• reset the message on the screen, • if the error persists, check the following parts: » canister » canister motor » I/O board » all associated wiring
► E011 cannot be detected by the hardware when the canister motor is running at low speed, i.e. when small amounts of ingredients are dispensed, which is usually the case for recipes with a very low ingredient/water ratio.			

4.3 Other problems (dealer)

In addition to the messages and errors present in the machine, a number of other problems may occur; these problems are described below.

Problem description	Possible cause	Check the following
beverage too weak	almost out of powder in ingredient canister	• Ingredient container
	strength not correct	• adjust drink settings in the recipe editor
beverage too strong	strength not correct	• adjust drink settings in the recipe editor
cup/decanter too full	drink volume not setup correct	• adjust drink settings in the recipe editor
cup/ decanter not full enough	drink volume not setup correct	• adjust drink settings in the recipe editor
no water dosed	water level too low	• float
	hose blocked, scale	• all related hoses
mixing chamber clogs up	too much powder	• check the advice dosing of the packaging of the powder, use a scale to weight the amount of powder used
	pump calibration not correct	• calibrate the pump
	mixer defect or missing	• mixer
	mixing chamber damaged	• mixing chamber
	hose blocked	• all related hoses
	fan not running	• fan
	powder used which is not applicable for vending machines	• use powder that is applicable for vending machines
	water selector gives water in wrong outlet (only applicable on Bolero 32, 33, 42 and 43)	• water selector
mixing chamber overflows water	pump calibration not correct	• calibrate the pump
	mixing chamber clogged up	• mixing chamber
mixing chamber leaks	mixing chamber seal leaks	• seal mixing chamber
	mixing chamber defect	• replace mixing chamber
not enough foam on the beverage	mixer speed not correct	• adjust mixer speed
	type of instant ingredient	• try a different instant ingredient
	mixer not on the mixer motor	• place mixer
	mixer motor defect	• mixer motor
too much foam on the drink	mixer speed not correct	• adjust mixer speed

Problem description	Possible cause	Check the following
not enough water dosed	scale in the water system	• float
		• pump
		• water selector
		• all related hoses
	pump calibration not correct	• calibrate the pump
fan rotor doesn't turn	fan blocked	• fan
	fan motor defect	• fan motor
water dispensed in wrong outlet	scale in water selector	• water selector
	hose blocked	• all related hoses
machine doesn't turn on	switch not turned on	• switch
	no power	• power supply
		• power cable
message safety circuit interrupted in the display	door and lid not closed	• door and lid
	service key not placed	• place service key
	door switch defect	• door switch
	wiring issue	• wiring
touch screen sometimes does not respond	touch screen filthy	• clean the touch screen with a damp cloth, don't use aggressive detergents
	touch screen flat-cable not attached properly	• touch screen flat-cable
when a instant beverage is selected only water is dosed	canister empty	• fill instant canister
	canister not placed	• place canister correct

5. Special functions

5.1 Interrupt the descale program

- If the descaling has started, then push longer than 10 seconds on the P(rogramming) button to stop the descaling program.

► *Never stop the descaling program when you have already poured descaler into the machine!*

5.2 Master PIN-code

- The master PIN code to overrule PIN 1 and PIN 2 is **1948**.
 - *The master PIN code can be used when the set PIN code is forgotten.*

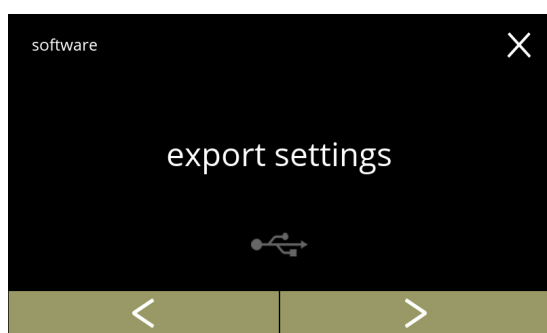
5.3 Save settings as default and export file

- The screen order of the Bolero 32, 33 and 43 is shown below;
this order also applies to the Bolero 11 and 21, although with different screens.

In this menu the machine settings are saved as default and exported to a file.

With settings the following is meant:

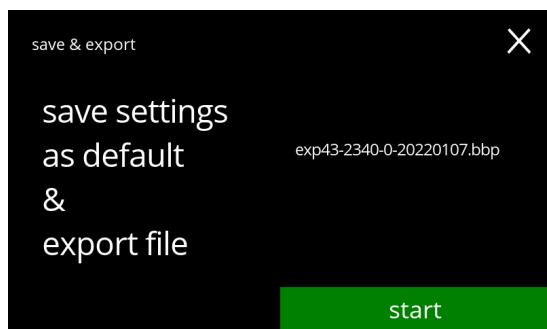
- recipes
 - machine configuration
 - security levels
 - identity (used to check if the new machine has the same identity)
- Keep in mind that the security levels of the machine are also copied.



5.3.1

Export machine settings:

- place a USB stick
- If there is no USB stick in the machine this option is greyed out.
- press and hold "export settings" for 10 seconds the next screen is displayed
- press  or  to scroll through the software menu

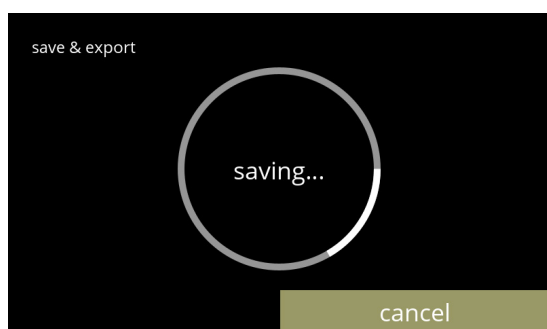


Save the settings **as default** of the current machine and export the settings file:

- press  to begin the save and export
- The name of the export file is structured as follows:

EXP44	: identical model
3640	: identical boiler power (Watt)
2	: number of outlets
0	: type (0 standard / 1 = XL)
20240807	: date is variable (yyyymmdd)
bbp	: identical file extension

5.3.1a



Saving - progress screen

- wait for the process to finish and the next screen is displayed
- press on  to interrupt

5.3.1b