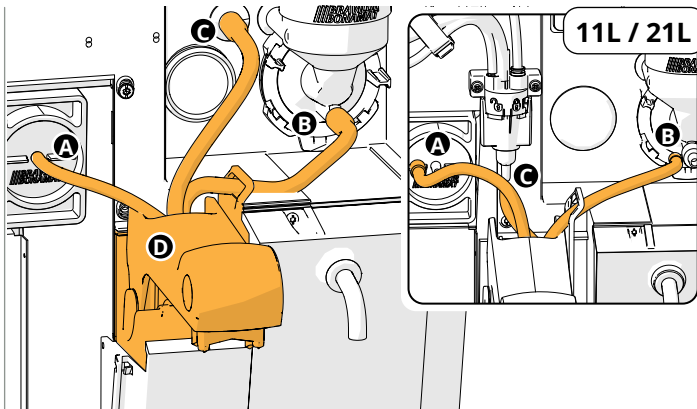


3.19 Remove the beverage outlet (Esprecious 11 / 12 / 22)



Step 1

- remove the waste bin

Esprecious 11 / 12 / 22

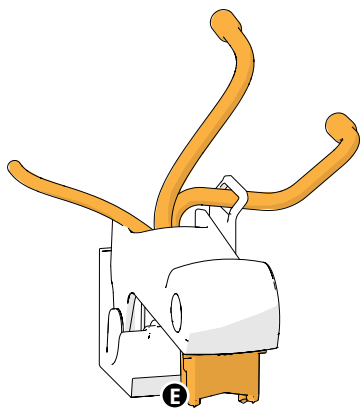
- remove the outlet hoses from the brewer (A), mix unit (B) and bypass (C)

Esprecious 11L / 21L

- remove the outlet hoses from the brewer (A), mix unit (B) and frother (C)

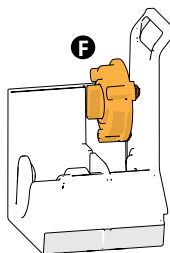
Step 3

- slide the beverage outlet (D) to the left
- remove the complete beverage outlet



Step 4

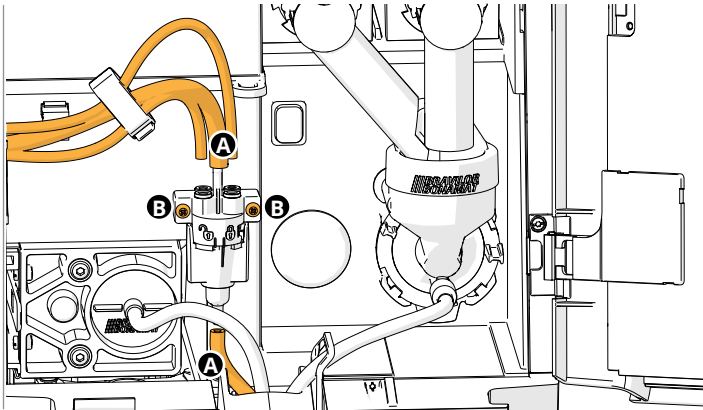
- pull the tray (E) downwards
- remove the hoses



Step 5

- remove the outlet cover and arm
- remove the outlet stabiliser (F)

3.20 Remove the frother (11L / 21L)



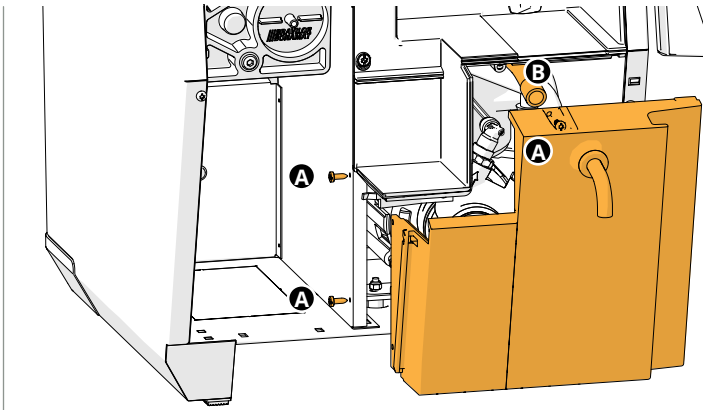
Step 1

- remove the 4 hoses **A** from the frother

Step 2

- remove the 2 screws **B** of the frother
- remove the frother

3.21 Remove the waste bin safety switch



Step 1

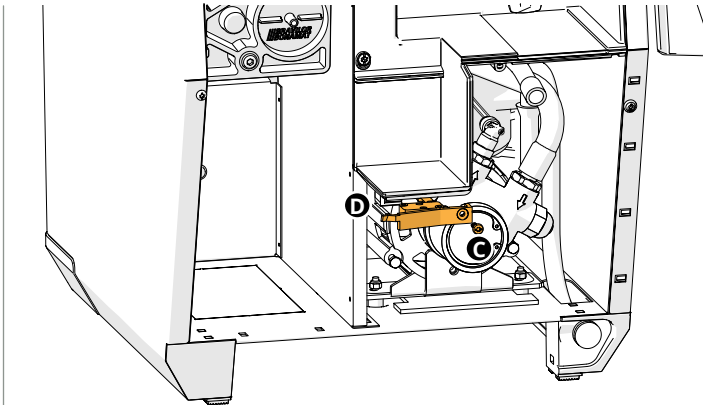
- remove the drip tray
- remove all the canisters
- remove the beverage outlet as in [section 3.19](#)

Step 2

- remove the 3 screws of the frontpanel **A**
- move the front panel slightly forward
 - » **carefully** unhook the front panel from the right side panel

Step 3

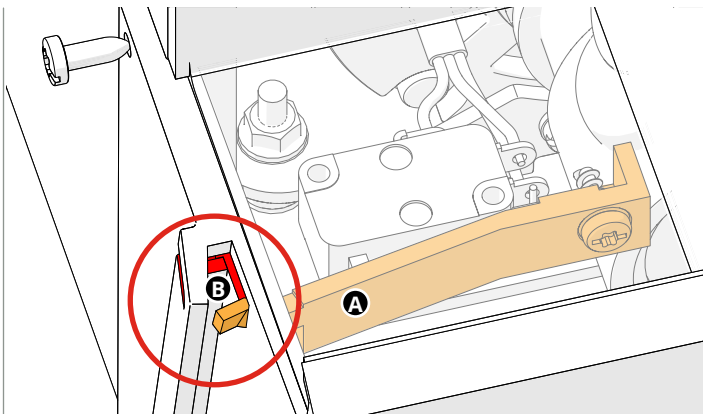
- disconnect the hose **B** from the hot water outlet
- remove the front panel



Step 4

- remove the screw of the bracket **C**
- unhook the bracket **D** with safety switch
- disconnect the wiring
- remove the safety switch

3.21.1 Reassembly remarks

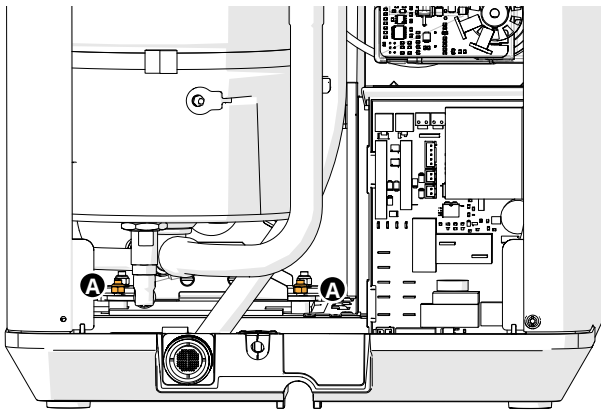


► When reassembling the front panel make sure that the safety switch lever is mounted correctly in the front panel.

- position the safety switch lever **A** through the hole **B** of the front panel
- hook the front panel into the side panel on the right
 - » **carefully** position the front panel
- attach the front panel with the 3 screws

3.22 Remove the pump (head)

- In some cases the head of the pump can be released by turning the screw on the backside of the motor of the high pressure pump.



Step 1

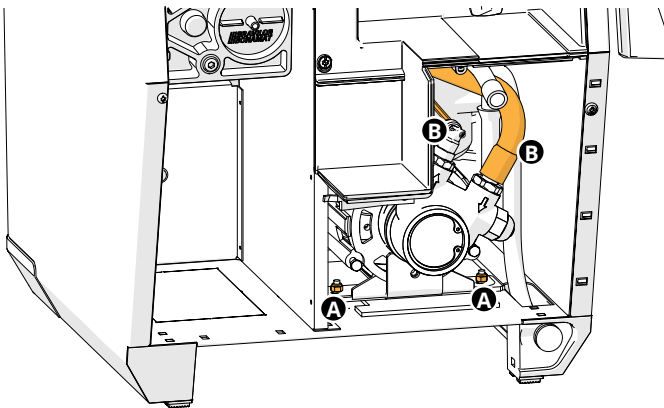
- drain the boiler as in [Step 1](#) of [section 3.16.4](#)

Step 2

- remove the back panel as in [Step 1](#) of [section 3.4](#)

Step 3

- remove the bolt(s) of the pump **A**, the number may vary according to the version



Step 4

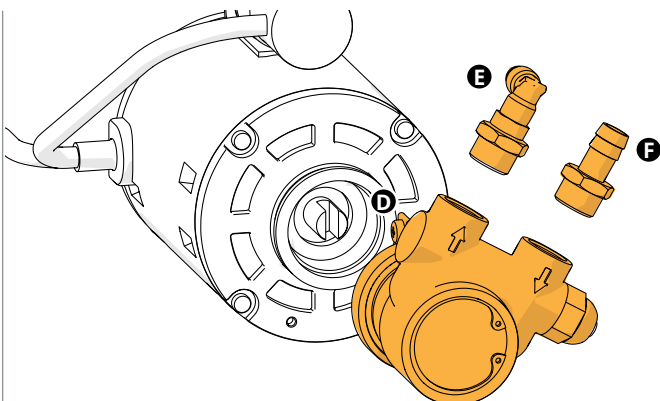
- remove the beverage outlet as in [section 3.19](#)

Step 5

- remove the front panel in [Step 2](#) of [section 3.21](#)

Step 6

- remove the 2 hoses **B** from the pump
 - Some water will come out of the hoses.
- remove the bolt(s) of the pump **A**, the number may vary according to the version
- lift the complete pump slightly forward to create space for head disassembly



Step 7

- loosen the clamp **D**
- remove the knee with nipple **E**, and the hose support **F** for mounting a new pump head
- remove the pump head

4. Spare parts replacement FreshMilk

► **Precautionary measures**

- » Always unplug the machine to turn off the power before opening it.
- » Turn off the water tap and disconnect the water supply hose.
- » The service area can have sharp edges, wear gloves and long sleeves.
- » When the FreshMilk is drained, hot water comes out of the drain hose, therefore take protective measures.

Necessities:

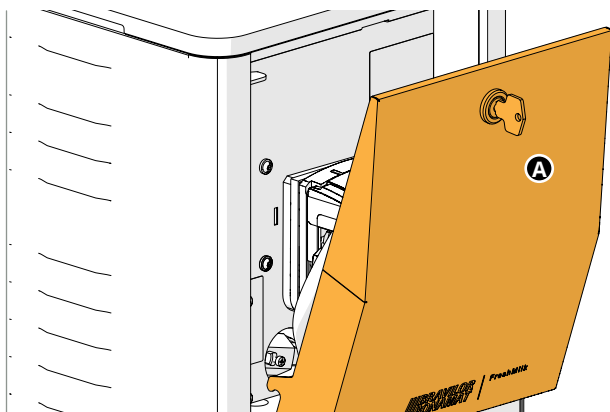
- Philips screwdriver
- screwdrivers torx 10 and 15
- small adjustable wrench
- open-end wrench / socket wrench: M3 and M4
- curved nose pliers
- combination-pliers

Reassembly remarks:

- see the exploded views for the service part numbers
- see the electric diagram for the wiring connections
- see the hose schematics for the hose connections

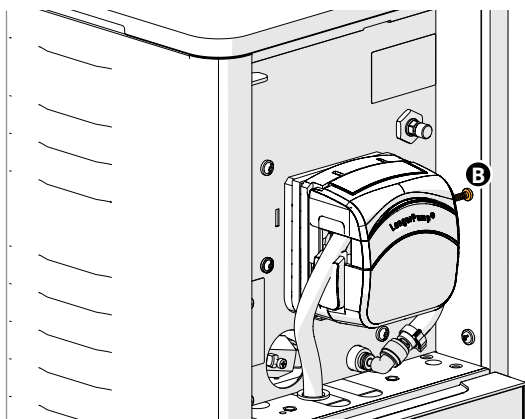
- *The (cleaning) animations can be found on the Esprecious 11L / 21L website.
These animations can also be found on our You-hose channel:*
<https://www.youhose.com/user/BravilorBonamatBV/playlists>

4.1 Replace the milk hose



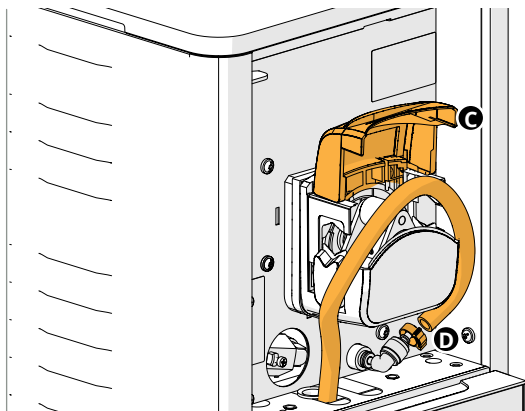
Step 1

- open the pump door **A**



Step 2

- remove the locking screw **B**



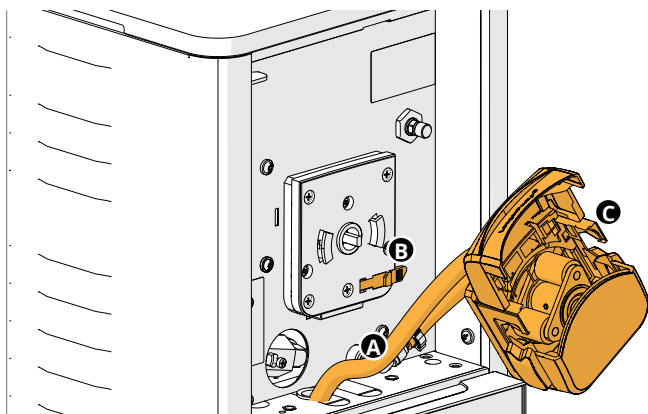
Step 3

- open the pump cover **C**
- disconnect the milk hose **D**
- remove the milk hose

Step 4

- calibrate the milk pump:
programming > Milk unit > Service > Calibrate milk pump
» a scale is required

4.2 Remove the peristaltic pump(motor)

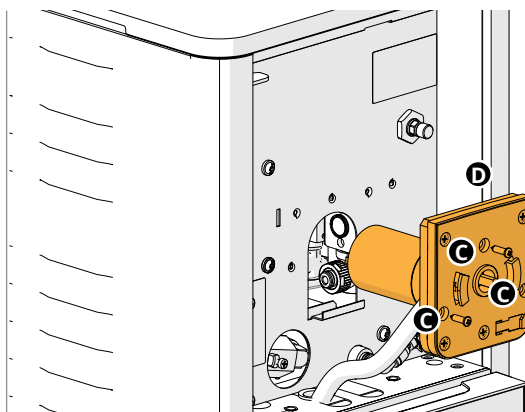


Step 1

- open the pump door as [Step 1](#) in of [section 4.1](#)
- remove the hose **A** from the pump **without** disconnecting it

Step 2

- press the pawl **B** to unlock the pump
- turn the pump **C** anti-clockwise to remove



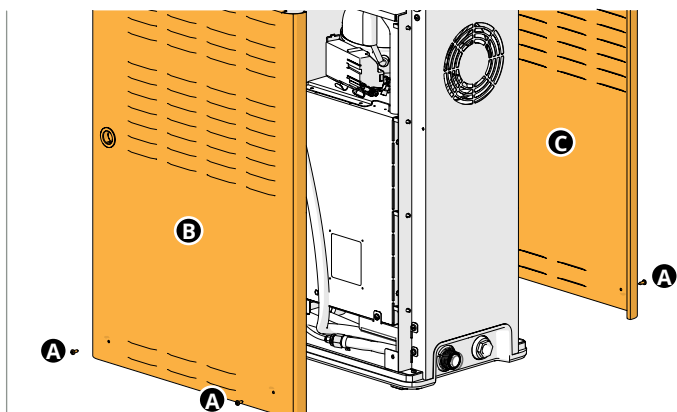
Step 3

- remove the 3 screws **C**
- take out the motor **D**
- disconnect the wiring from the pumpmotor

Step 4

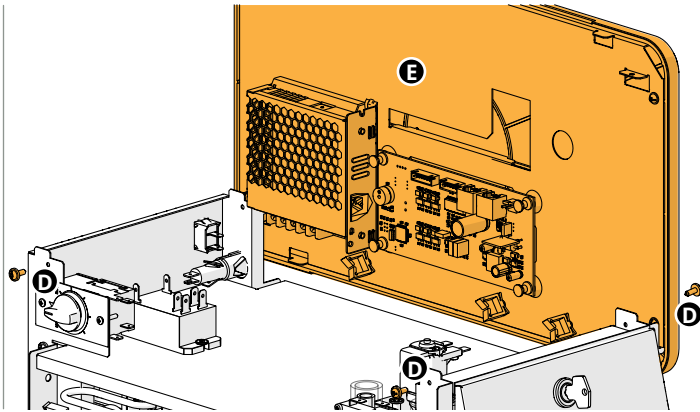
- calibrate the milk pump as in [Step 4](#) of [section 4.1](#)

4.3 Remove the power supply



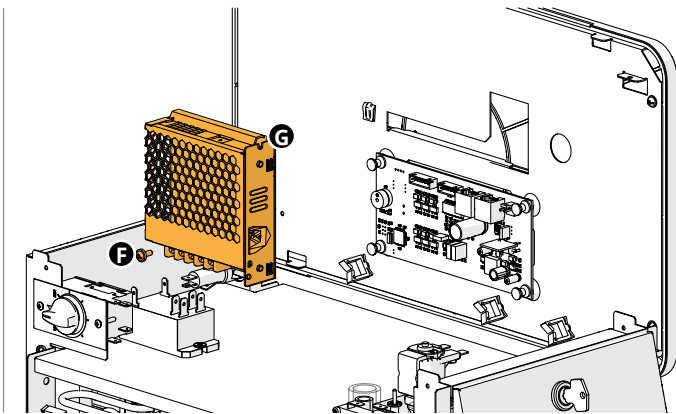
Step 1

- remove the 2 screws **A** of each side panel
- remove both side panels
B right side panel
C left side panel



Step 2

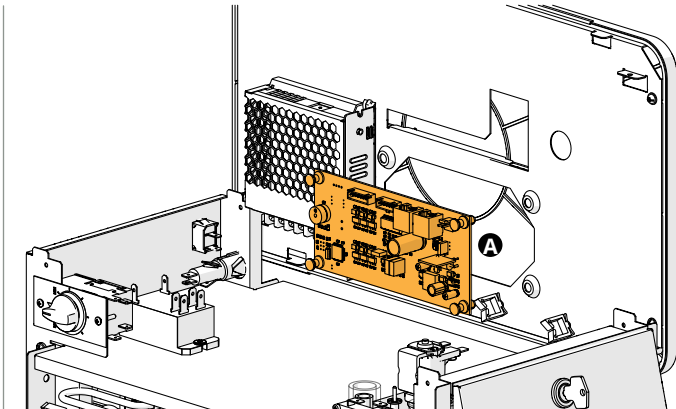
- remove the 4 screws **D** of the top panel
- place the top panel **E** in the hooks on the right-hand side



Step 3

- disconnect the wiring from the power supply
- remove the screw **F** of the power supply
- remove the power supply **G**

4.4 Remove the mainboard



Step 1

- remove both side panels as in [Step 1](#) of [section 4.3](#)

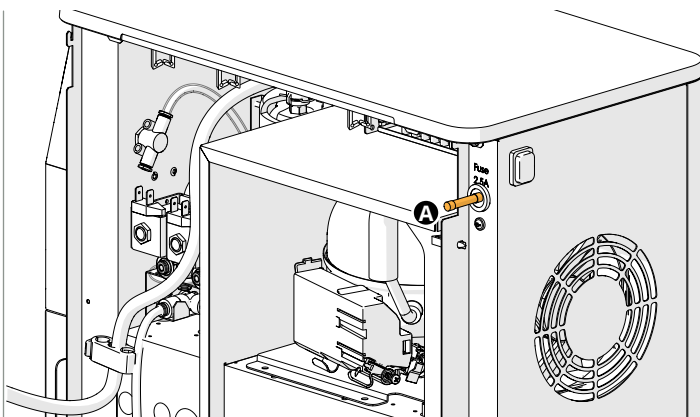
Step 2

- place the top panel as in [Step 2](#) of [section 4.3](#)

Step 3

- disconnect the wiring from the mainboard
- remove the mainboard **A**

4.5 Remove the fuse



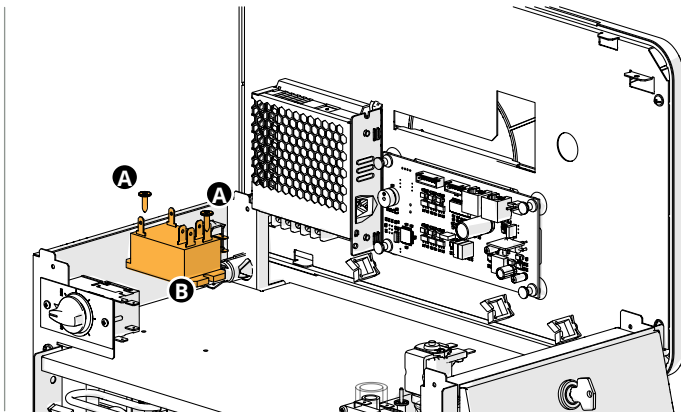
Step 1

- remove the right side panel as in [Step 1](#) of [section 4.3](#)

Step 2

- open the fuse holder **A** and remove the fuse (2.5 amps) **A**

4.6 Remove the relay



Step 1

- remove both side panels as in [Step 1](#) of [section 4.3](#)

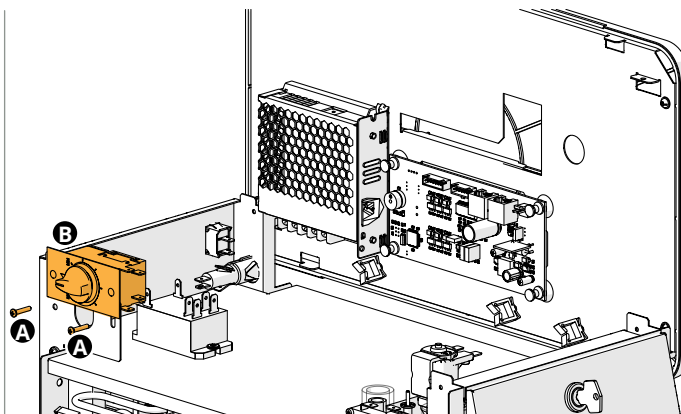
Step 2

- remove the top panel as in [Step 2](#) of [section 4.3](#)

Step 3

- disconnect the wiring of the relay
- remove 2 screws **A** of the relay
- remove the relay **B**

4.7 Remove the thermostat



Step 1

- remove both side panels as in [Step 1](#) of [section 4.3](#)

Step 2

- remove the top panel as in [Step 2](#) of [section 4.3](#)

Step 3

- remove 2 screws **A** of the thermostat
- disconnect the wiring
- slide the thermostat **B** off the sheet metal

Step 4

- mark the point, on the capillary pipe, where it enters the cooling unit
- carefully remove the adhesive paste and the capillary pipe out of the cooling unit

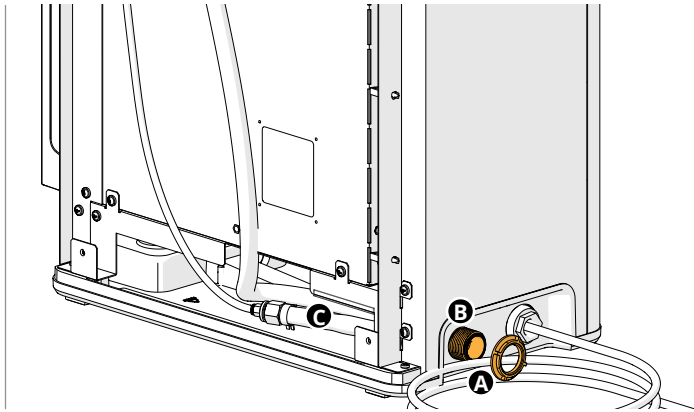
4.7.1 Reassembly remarks

► *Handle the new the thermostat and capillary pipe with care.*

- mark the same distance, on the new capillary pipe, to where it enters the cooling unit
- carefully enter the capillary pipe into the cooling unit
- seal the entry hole again with the “old” adhesive paste

► *Check whether the recommended temperature (5°C) has been reached (after about 20 minutes), adjust the thermostat if necessary*

4.8 Remove the inlet valve



Step 1

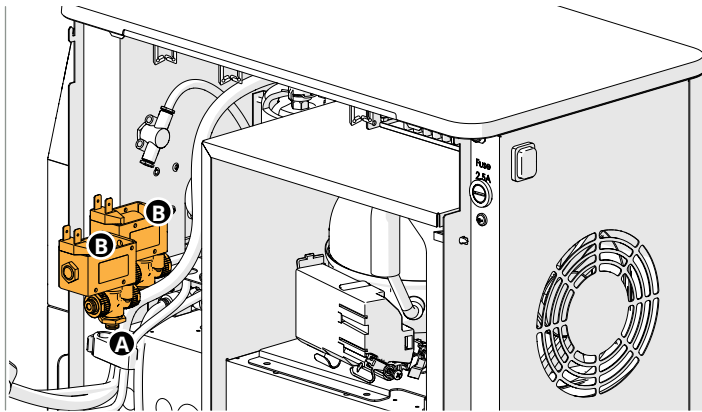
- remove the right side panel as in [Step 1](#) of [section 4.3](#)

Step 2

- remove the water supply hose
- remove nut **A** of inlet valve
- remove the inlet valve
- loosen the 2 hose from the inlet valve outside the machine

► *Some water can still come out of the hose.*

4.9 Remove the 3-way valve(s)



Step 1

- remove the right side panel as in [Step 1](#) of [section 4.3](#)

Step 2

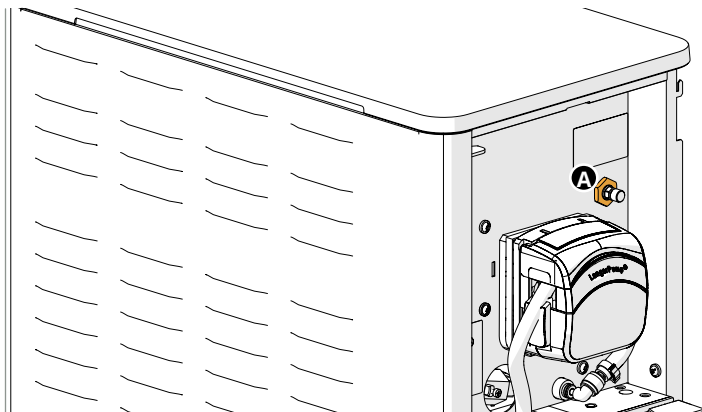
- remove the hose **A** underneath the valve
- remove nut underneath trotle valve
- take out the valve(s)

Step 3

- disconnect the other hoses **B** from valve(s)
- disconnect the wiring

► *See the [hose schematics](#) for the hose connections.*

4.10 Remove the throttle valve (air control)



Step 1

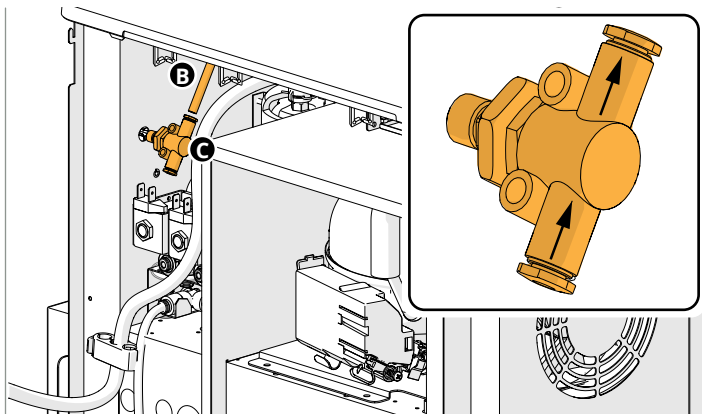
- remove the right side panel as in [Step 1](#) of [section 4.3](#)

Step 2

- open the pump door as [Step 1](#) in of [section 4.1](#)

Step 3

- remove nut **A** from trotle valve



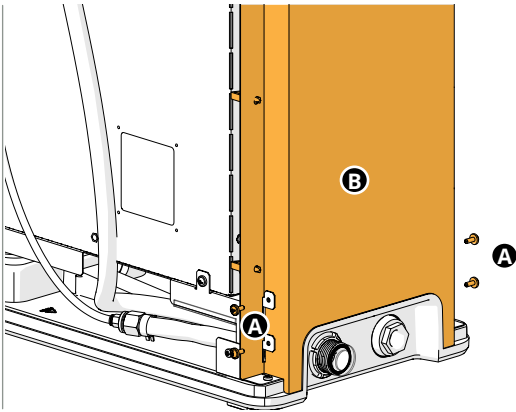
Step 4

- disconnect the hose **B** from trotle valve
- take out the trotle valve

► *The arrows on the valve must point towards the hose.*

- calibrate the new air controle as in [section 9.2.1](#)

4.11 Remove the fan



Step 1

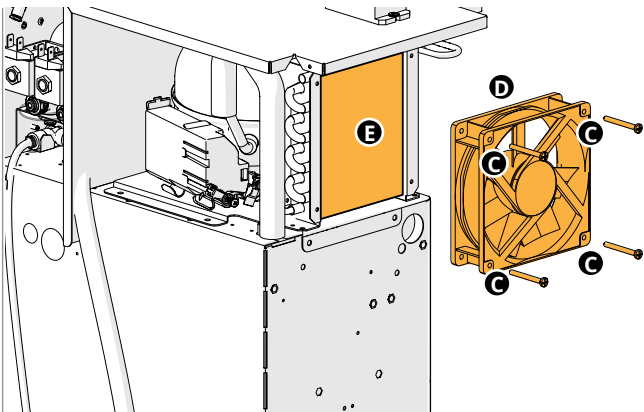
- remove both side panels as in [Step 1](#) of [section 4.3](#)

Step 2

- remove the top panel as in [Step 2](#) of [section 4.3](#)
- disconnect the wiring of the mainboard and the power supply
- remove the top panel

Step 3

- remove the thermostat as in [Step 3](#) of [section 4.7](#)
- disconnect the wiring of the on/off switch
- disconnect the wiring of the fuse holder
- remove the wiring from the cable clips
- remove 4 screws **A** of the back panel **B** to remove it



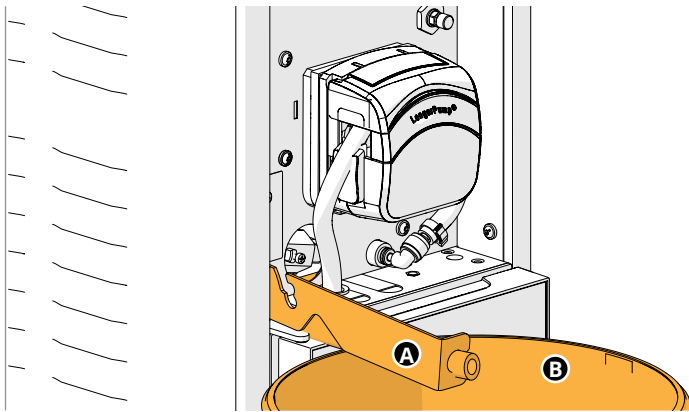
Step 4

- disconnect the wiring of the fan
- remove 4 screws **C** of the fan **D** to remove it
- remove any dust from the condenser **E** (use a vacuum cleaner if necessary)
 - The airflow direction is outwards.
 - Do not forget to connect the earth wire.

4.12 Steam boiler parts

- ▶ *The boiler may be hot and pressurised.*
- ▶ *The boiler must be depressurized by draining before removing parts.*

4.12.1 Drain the steam boiler

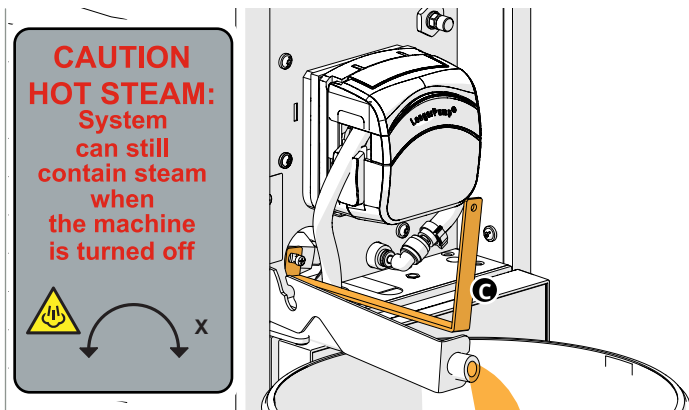


Step 1

- open the pump door as [Step 1](#) in of [section 4.1](#)

Step 2

- pull out bracket with the drain hose **A**
- place a bucket/container under the drain hose **B**



- ▶ *When the boiler is drained, hot water and steam comes out of the drain hose, therefore take protective measures.*

Step 3

- open the valve with the special tool **C** slowly, when steam/hot water comes out don't open the valve further, when the steam pressure is lower slowly open the valve further so that all water can flow out
- wait until all the water has drained out of the boiler