

<b>T.I. no.: 2019 - 04</b> Updated: -	<b>Topic: SC Soul Software 4.2.5</b>
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<b>Date: 11.04.2019</b>	<b>Priority</b>	<b>Need for action</b>
<b>Affected machines: SC Soul</b>	High	As soon as possible
<b>From serial number: 1914../</b>	Medium	On next visit to the machine
<b>As of date: -</b>	X Low	X FYI only

## NEW FUNCTIONS AND IMPROVEMENTS

### New functions:

- Beverages can be selectively imported.
- Cold water can be added to all beverages. Not possible when operating with fresh water tank.
- Support for new Best Foam system with standard 2/2-way valve and new programming.
- With the new Best Foam system, hot milk can now be output from 50 °C down.

### Improvements:

- Setting "0" can be correctly set for parameters.
- Hose length can also be set correctly with the Custom milk system.
- If the payment system or telemetry is not correctly initialised, a correct error message is displayed.
- Beverage supply with a "free card" is sent correctly to the Diva.
- After pulling out the grounds container, cleaning is correctly stopped and an error message is displayed.
- If Hot&Cold machine beverages are imported to a machine without Hot&Cold, cooled beverages cannot be output.
- MDB level 3 optimised.
- Refrigerator monitoring in accordance with NSF

## New Best Foam system

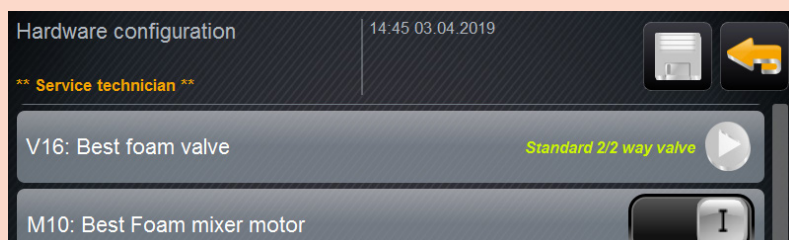
With software 4.2.5, the Best Foam system is now supported with the standard 2/2-way valve, which enables a stable milk temperature.

### NOTE

With the new Best Foam system, the mixer speed can only be set via the global offset values and applies for all recipes.

### NOTE

The system is only activated with selected standard 2/2-way valve.



The following settings must be taken into account to ensure the new Best Foam system works optimally.

In the [System] -> [Water supply] menu

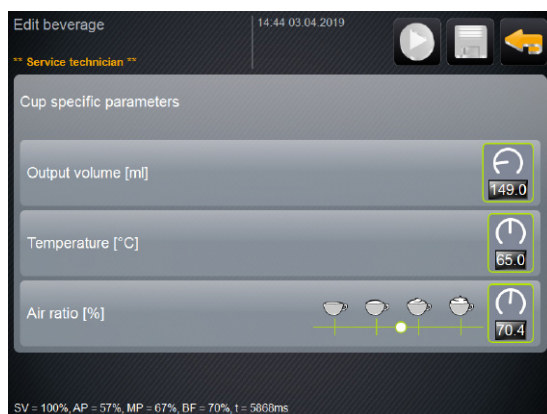
- Steam temperature 127 °C

In the [System] -> [Best Foam parameters] -> [Pre-/and post-rinsing time] menu

- Pre-rinsing dosage [s]: 1.5
- Post-rinsing dosage [s]: 1.5 (prevents the remaining milk from running directly into the drain)
- Air pump follow-up rinsing [%]: 0
- Rinsing time [s]: 3.0
- Rinsing follow-up time [s]: 3.0

## Best Foam milk foam parameters

The milk steps are now set via the volume, temperature and consistency.



The PWM values are displayed on the lower edge.

- SV = Steam valve (always 100%)
- AP = Air pump
- MP = Milk pump
- BF = Mixer speed
- T = Dispensing time

## Best Foam offset values

Settings are made for all recipes with the Best Foam offset values.

In the [System] -> [Best Foam parameters] -> [Recipe step offset] menu, the following parameters must be adjusted for cold/warm milk as well as cold/warm milk foam.

- Best Foam mixer speed offset [%]
- Temperature offset [°C] [only for warm milk (foam)]
- Offset volume [%]
- Air content offset [%] [only for cold/warm milk foam]

