


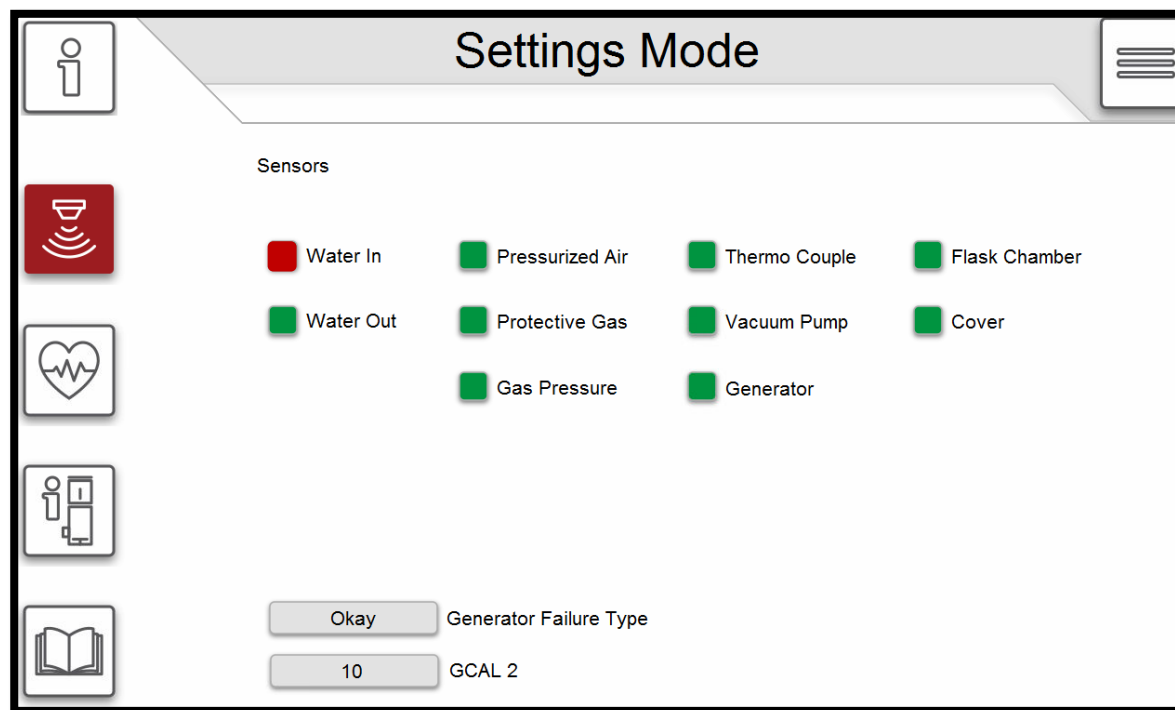
Identifier  Service SH	<h1>Service Document</h1>	
<h2>T-H-PU-01 How to Solve Water In/ Out Error</h2>		Römerstr. 21 D – 71296 Heimsheim Tel.: + 49(0)7033-309878-41  <a href="mailto:service@schultheiss-gmbh.de">service@schultheiss-gmbh.de</a> <a href="http://www.schultheiss-gmbh.de">http://www.schultheiss-gmbh.de</a>

Apply for:

Machine Type	Version	Year
VPC66/100/Pure	All	Since Release

## Problem

**Water In** Error and Led is RED in Sensor Menu



## Prerequisites

- Multimeter with probes
- Water supply should be **Turn ON**
- Machine requires **3 to 4 bars (44 to 58 psi)**
- Check the pressure from the supply (e.g., Chiller)



## Warning and Hazards



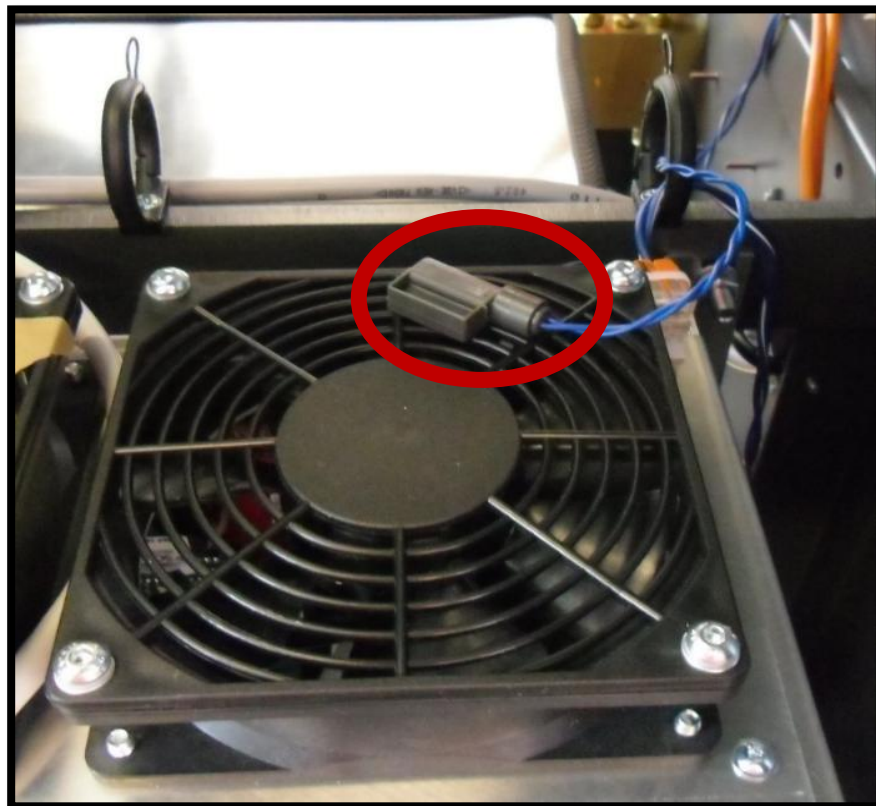
**Warning  
Electricity**




# Procedure

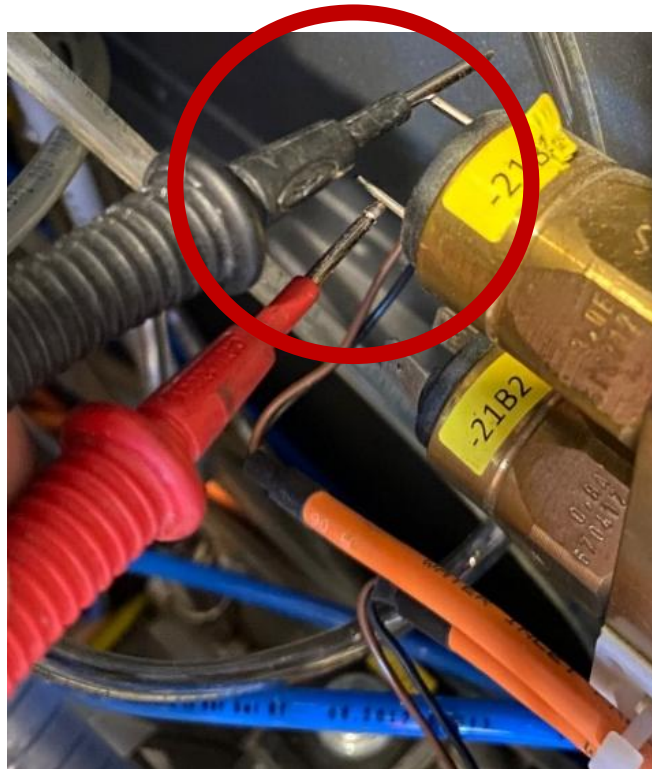
## Checking Air flow sensor position

- Open the Right-side panel of the machine
- The air flow sensor is highlighted in the picture
- This air flow sensor is connected in Series with the water IN sensor, Make sure the fan sensor wires have no loose connections and are tightly crimped
- Try adjusting to the new position and fix it to the new position where it can detect the fan's rotation
- Keep observing in **Sensor Menu**, the **Water In Led** will turn **Green** at correct position



## Checking Water Pressure Sensor

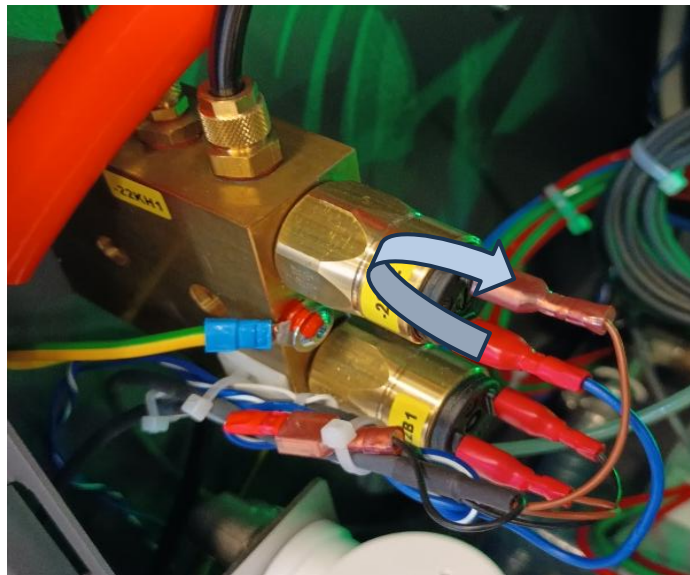
- Let's check the water sensor for continuity test with multimeter
- Turn ON the water so that it can flow through the machine
- Take the multimeter and switch to continuity test.
- The continuity symbol looks like this 
- Connect one of multimeter probe to the one pole of the water sensor and the other to the other pole of the water sensor
- After the pins and probes are in contact , a **continuous BEEP** noise will be heard which **means the pressure is correct** and sensor is OK



## Bridging the Sensor

Bridging the sensor to check the communication with the Sensor board

- Take small wire to bridge the Water IN sensor pins to check if the signal is transmitted to the board and to the display
- Insert the wire between the wires shoe connector as shown in the photo



- Keep observing in **Sensor Menu**, the **Water In LED** will turn **Green**
- If it turns Green, then the Water-In sensor is **faulty** and needs to be **replaced**

If the Sensor is still **RED** → No signal transmission

- Perform a Continuity test to check if the wire is not damaged or broken
- Make sure the sensor wires\ plug is correct and no loose contact

In case the problem still exists, please feel free to contact us again

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