

PCPM Electronic pump control

Minimum required inlet water pressure PC100 & PC250: 1,5 Bar

Minimum required inlet water pressure PC350 & PC450: 2,5 Bar

Please note that there is always a 60s delay before the machine starts after plugging it in.

If you run the PC350/450 with an inlet pressure under 2,5 bar, only one of the carbonator pumps will start.

Minimum pressure during carbonator pump operation: 0,3 Bar

If the pressure drops below 0,3 Bar during operation the pumps, both the carbonation- and recirculation pumps will stop.

After 60 seconds the pumps will start again if the inlet pressure is 1,5 Bar or above.

If carbonator pump is running for more than 15 seconds with the water level under the minimum level, the recirculation pumps will stop to avoid running dry, they will start again when the water level reaches above the minimum level.

To prevent from major water damage from a leak in the system, the max runtime of the carbonation pump is limited to 240 seconds. After this period of time the pump will set off the alarm and stop. The pump will have to be reset manually. (Turn the switch off-on)



LED indicator color explanation:

Green:- Everything is OK

Yellow/Green Blinking:- Carbonation pump in operation

Yellow:- Carbonation pump in operation, water level under minimum level and recirculation pump is stopped

Purple: - Inlet water pressure too low or malfunctioning pressure sensor

Purple/Red/Green Blinking: - Malfunctioning pressure sensor or no sensor

Purple/Red Blink: - Malfunctioning pressure sensor or no sensor and carbonation pump has been running for more than 240 seconds and needs a reset. (Turn the switch off-on)

Red Blinking:- Carbonation pump has been running for more than 240 seconds and needs a reset. (Turn the switch off-on)