

## TECHNICAL BULLETIN #00032

DATE: 6.9.2023

PRODUCT LINE: HALO

SUBJECT: Heater Cooldown Mode

REVISION	REVISION DESCRIPTION	BY	DATE
A	INITIAL RELEASE	DDAFT/JBRISTOW	6.9.2023

### OVERVIEW:

It has been recognised that the filter pump should continue to operate for 5 minutes once the gas heater has been turned off or reached temperature or if the filter pump timer turns it off while heating. This will avoid stagnant hot water in the pipes, which may cause harm or melt the plumbing, resulting in a 'high limits' error on the heater that requires a manual reset in the gas heater controller.

### DISTRIBUTION RELEASE NOTES:

This Technical Bulletin is to be made available to:

Fluidra - Internal	Fluidra - Export	Dealers	Warranty Agents	Trade Portal
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

**MODELS APPLICABLE:** All Halo Chlorinators, Halo Hub and Halo Xpand

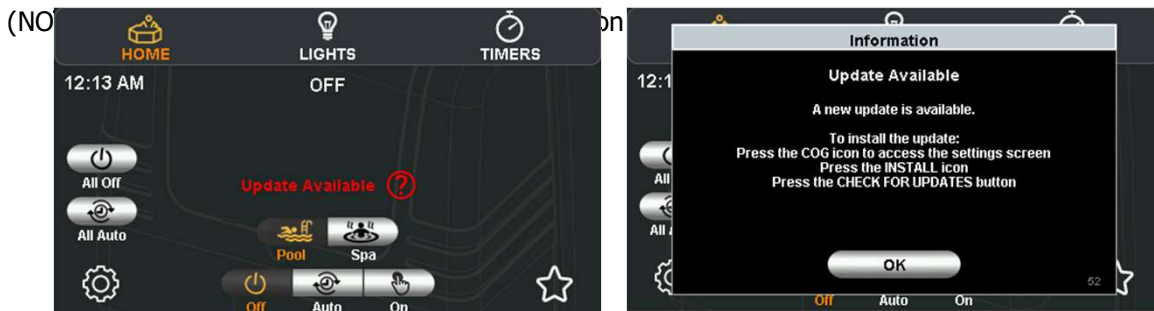
**IDENTIFYING FACTOR:** Firmware version up to from V1.2 > 1.3

### DESCRIPTION:

Once the new version firmware has been downloaded, the heater cool-down feature is set to active status if a heater is attached to a Halo Chlorinator/Hub/Xpand. This mode can be 'deactivated' if desired in the settings menu outlined below. Some scenarios here might be a heat pump installation that doesn't require a cool-down.

Please note that all manufactured Halo Chlorinators will have Version 1.3 firmware already loaded in the firmware from September 2023. **Please note:** The new FW V1.3 is available now, and R&D will send the new update over the air starting in the coming weeks.

To download the latest software version, the user needs to accept the update on the chlorinator home screen. A red text message will appear stating a firmware update is available. Press the 'question mark?' then click OK on the following screen to download the update.



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**OPERATION OF FEATURE:**

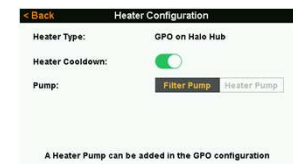
- Heater Associated Pump is set to either Filter Pump or Heater Pump
- If the heater-associated pump is set to the Filter Pump, then the filter pump will continue running
- If the heater-associated pump is set to Heater Pump, then the heater pump will continue running
- Heater Cooldown Window: The heater is running, or was running in the last 5 minutes
- If the pump is turned off within the heater cooldown window, then the heater is turned off, and the heater cooldown popup is shown:

If the user presses OK, the heater cooldown feature will continue running. The info section of the Home screen will show "Heater Cooldown":

- The OFF button will flash, indicating that the state of the pump is OFF, but it is still running due to the Heater Cooldown.
- If the OFF button is pressed again, the popup will reappear.
- If the user presses OVERRIDE on the popup, the heater cooldown will finish, and the pump will turn off.

**CONFIGURATION:**

To enable/disable heater cooldown, go to the "Heater Configuration" screen and check/uncheck the heater cooldown option:  
 (When a unit is updated to V1.3 firmware, then **by default, heater cooldown will be enabled**)



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