

Setup:

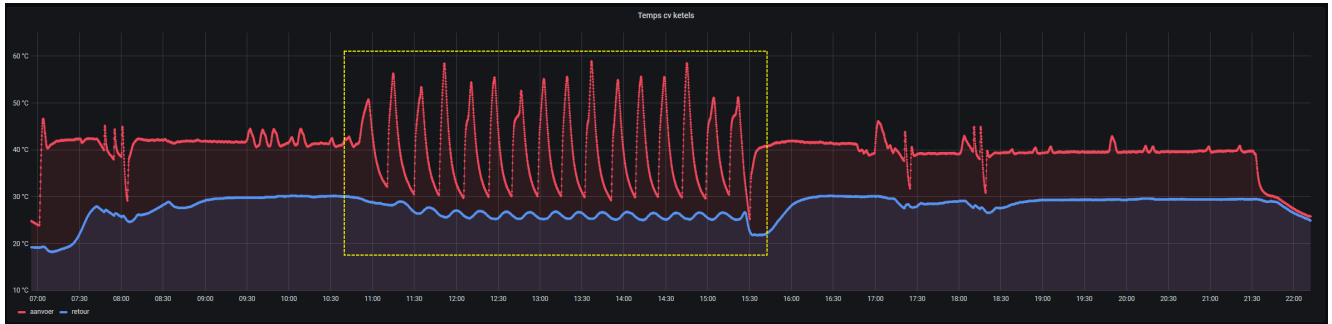
Vitodens 222-W B2LF 25kW. Radiator heating only, fully Vicare Smart Climate controlled: 9 vicare thermostats, 2 repeaters and 2 climate sensors. Latest Vicare beta app (3.3.0) both on Android and IOS.

Problems:

- The boiler short cycles while in normal mode and the actual temperature is higher than the requested temperature for all zones. In a real “smart” system the boiler should know when all thermostat valves are closed and block the boiler from firing up.
 - Example 1: the requested zone temperatures are 22 °C, effective zone temperatures around 21 °C everywhere. I leave the house for a couple hours and therefore reduce all active zones requested temperatures to 19 °C. All valves will close now. The actual temperatures remain for the entire away period well above 19 °C. Yet the boiler keeps heating causing short cycling for the entire away period. (see screenshot below)
 - Example 2: the requested temperature has been reached everywhere, all valves will fully close. From this moment on it is possible and acceptable that a little cycling can happen. Eventually when it cools down a little the valves will open again a bit and the required heating could very well be below 1.9 kW. However there is constant and heavy short cycling going on, and with all valves still completely shut. (see screenshot below).
- No eco-mode/away-mode shortcut in the app while in Smart Climate mode. Now you have to lower each tile manually.
- No geofencing in Belgium
- No load compensation option with Smart Climate, only weather compensation. This could however fix a lot of the short cycling issues.
- Manually set temperatures in the app remain indefinitely. And no way to adjust the manual set time period.
- Boiler parameters 424.3 and 933.7 do not work in Smart Climate mode. This is not documented anywhere.
- Boiler parameter 1240 not visible. So no way to shut off the pump in reduced mode.
- No heating curve in the app in Smart Climate mode.
- No adjustable temperature offset setting.
- No child lock for the thermostat valves
- In Vitoguide the valves will always show “fully closed”. This of course is not correct.
- The February leap day caused the boiler date to become incorrect. Causing the temperature schedule to shift to the wrong dates. Very amateuristic!
- A lot of connection problems and “server maintenance” messages.
- The repeaters often disconnect. Not sure if they even do anything.
- The signal strength status for the different components is very unreliable and incorrect. Also often shows the wrong icon (e.g. full strength icon while the connection is weak).
- Completely isolated system: no google home, IFTTT, apple homekit,.. integration.
- No physical main display to put in the living room, like every other heating system.
- No more support for KM-Bus or Opentherm in the latest Vitodens 2xx series. So I’m stuck with this. No Netatmo, Nest, Tado,... possible.
- The UI looks nice but the UX is far inferior to others. Just compare it with this:
<https://youtu.be/mhHEOS6FYrM?t=486>

- Very little documentation and support. Especially in English or Dutch.

Example 1:



Example 2:

