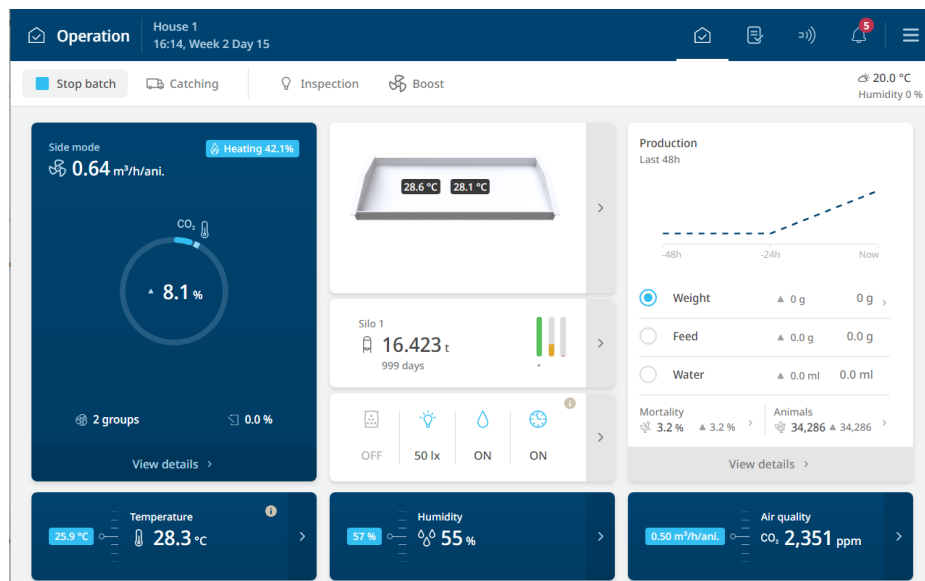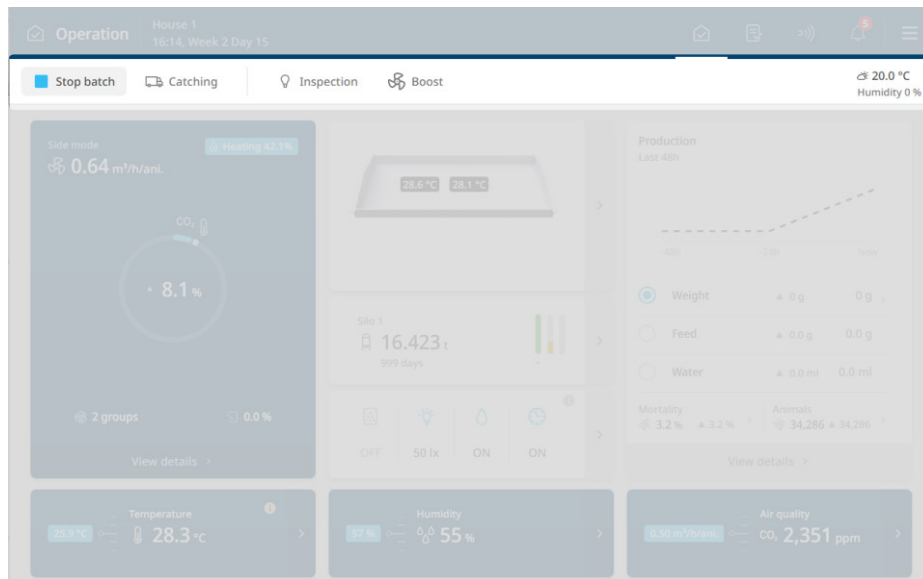# Broiler
Operation

Operation - a new front page

To solve the need for a consistent operation that provides an overview of the entire production, we have been through > 100 hours of interviews with customers. It was necessary to ensure we understood the key information for a perfect production.

After thorough consideration, we moved away from the customizable pages previously found in our systems. In return, we can now provide a one-page overview tailor-made to your production, be it broilers, breeders, layers, pigs, dairy cows, or insects. With a standardized front page, we can group information meaningfully, making it much easier to get the full picture.

Our controllers handle various installations with different climate and production systems. The operation page will automatically adjust to reflect your setup, ensuring you only see the relevant information.

Action buttons
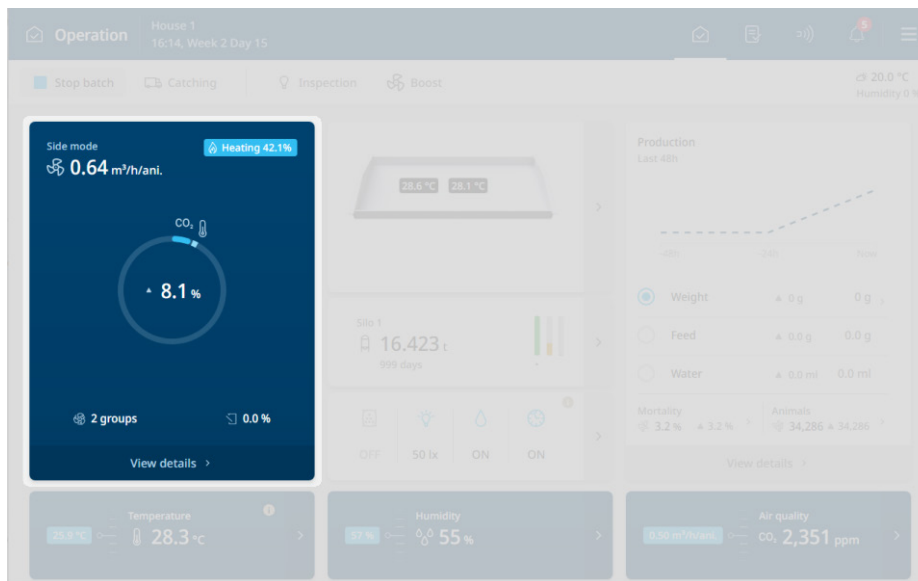

What is visible here?

Manual actions like
- Start or plan catching
- Start/stop inspection light
- Start/stop ventilation boost

Tap to see

Settings for the individual actions
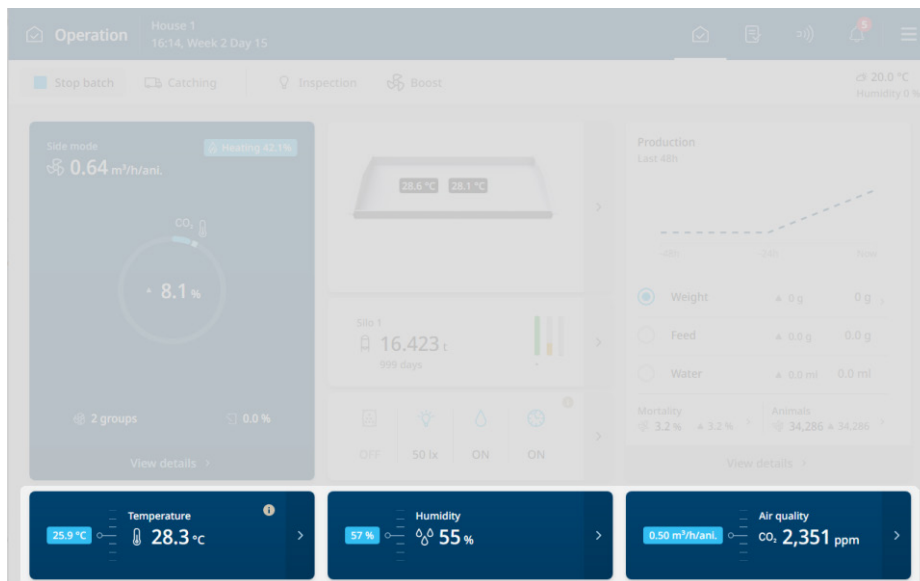
Climate equipment

What is visible here?
• Ventilation rate 0-100%
• Cooling or heating level if ON
• Average inlet position
• Number of fan groups running
• Pressure (if sensor is installed)

Tap to see
• Ventilation status information
• Inlets
• Outlets
• Cooling
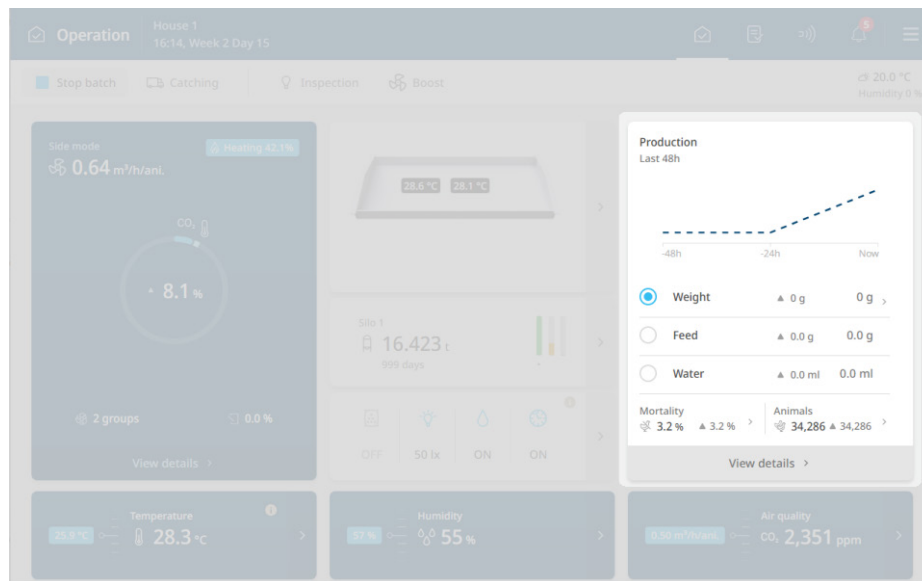• Heating

Climate targets

What is visible here?

- Temperature – measured and setpoint
- Humidity – measured and setpoint
- Air quality
  - CO_2 (if installed) – measured and setpoint
  - Minimum ventilation - setpoint

Tap to see

- Change setpoint
- Related features
  - Stir fan setpoints inside temperature
  - Humidity ventilation inside humidity
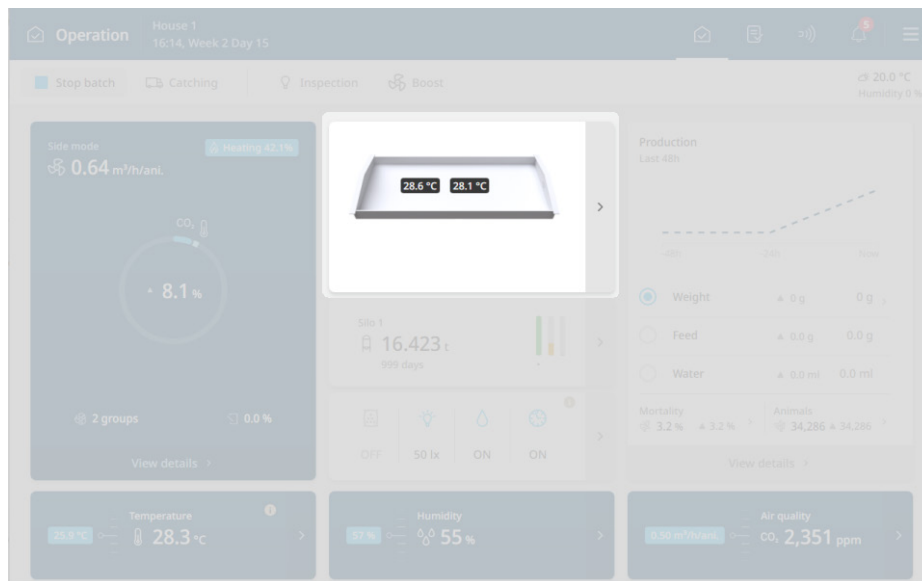 - NH3 history inside air quality

Production

What is visible here?
- Bird weight (if installed)
- Feed/bird last 24h (if installed)
- Water/bird last 24h (if installed)
- Mortality
- Number of animals

Tap to see
- More detailed production numbers
  - Daily gain, PEF, FCR etc.
- Tip: Tap directly on mortality to input today's mortality
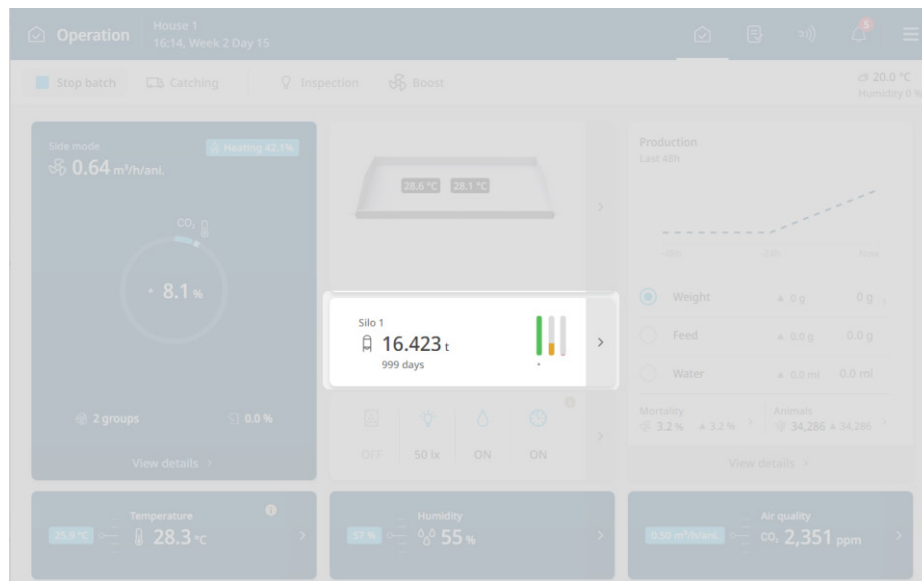
House temperatures

What is visible here?

• Temperature variations across the house

Tap to see
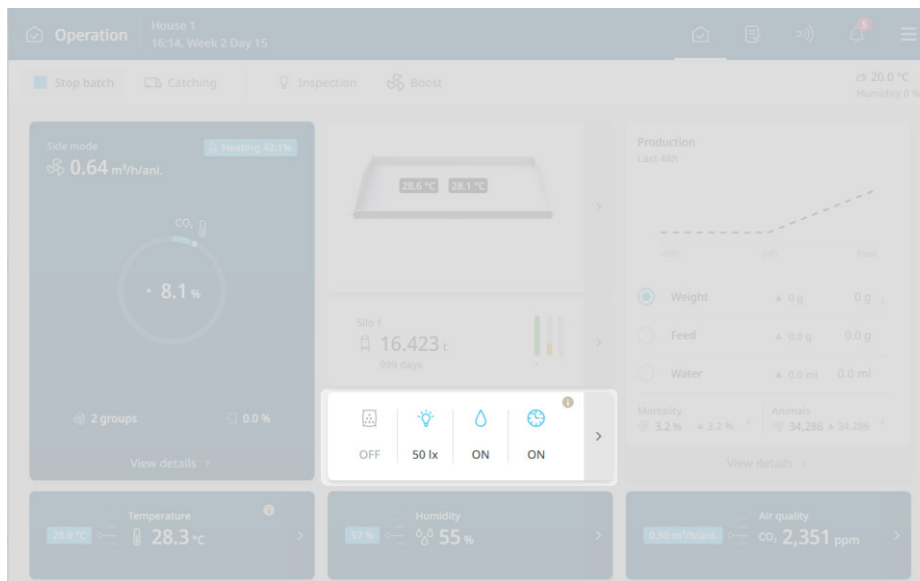
• History curves of system sensors

Silos

What is visible here?
• Graphical view of silo content
• Content in numbers and time to empty

Tap to see
• See delivery log
• Adjust content or add delivery

Programs

What is visible here?

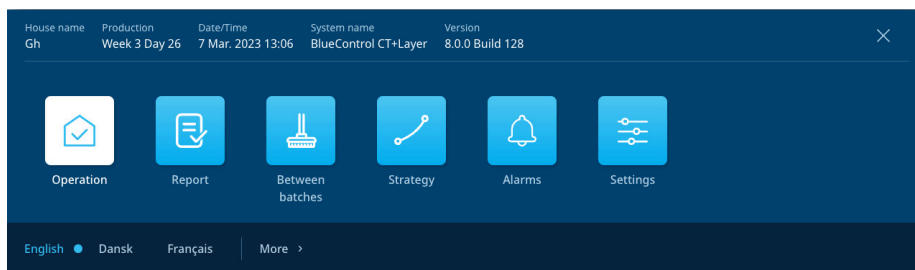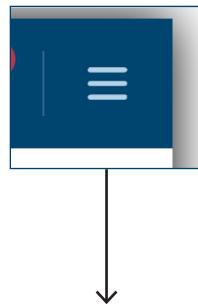- Status of programmed equipment

Tap to see

- Change program setup
- Adjust settings of programmed equipment

Other
areas

New pages

Tap the menu button to see overview of all pages including:
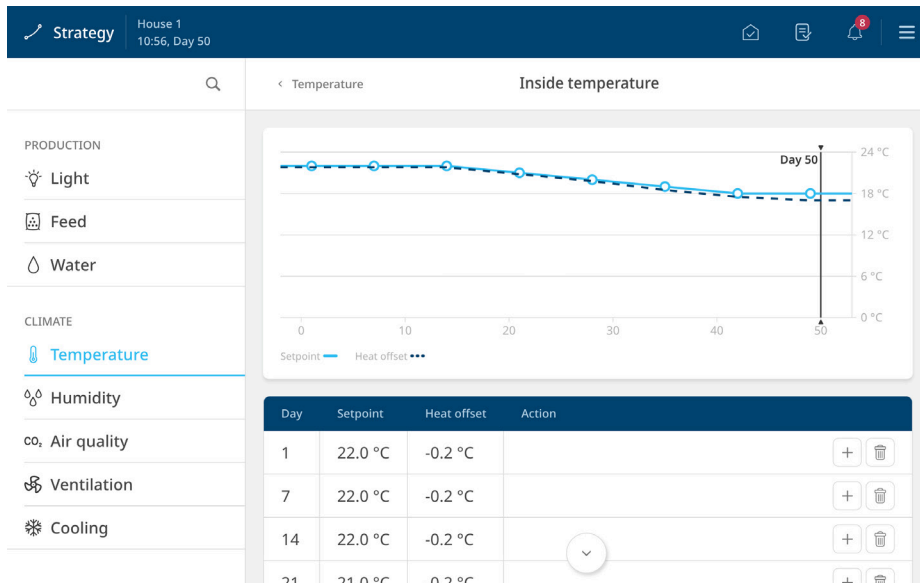
Operation for your day-to-day adjustments.

Report collects the information you report to others, e.g, minimum and maximum temperature, total water consumption etc.

Between batches handles your routines like drying and soaking when preparing for the next batch.

Strategy is for the settings that define your production strategy. Batch curves and time programs live here.
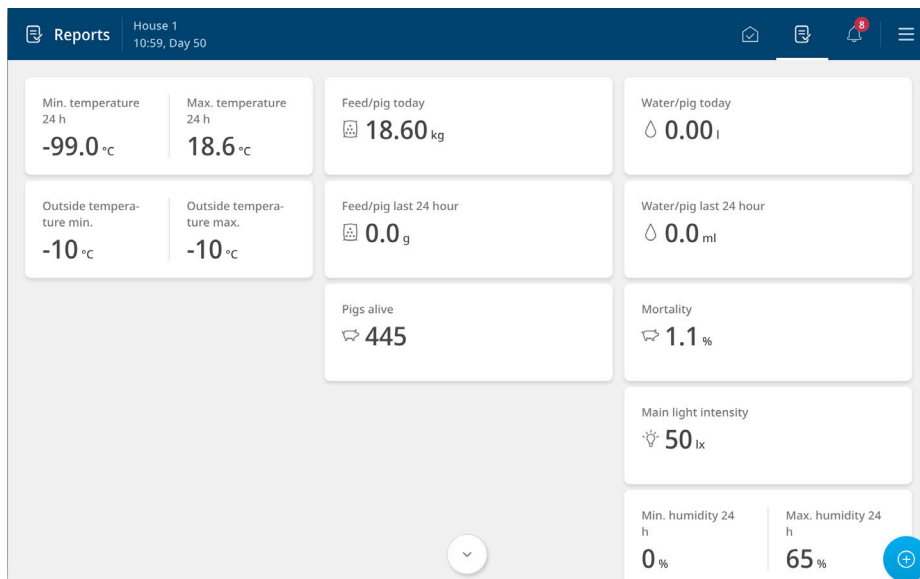
Strategy page

The strategy page is your recipe for how you want your production to run from batch to batch. These are the settings you want to repeat again and again across your production.

Batch curves, references, timed programs, and rarely used settings are all placed in this area.
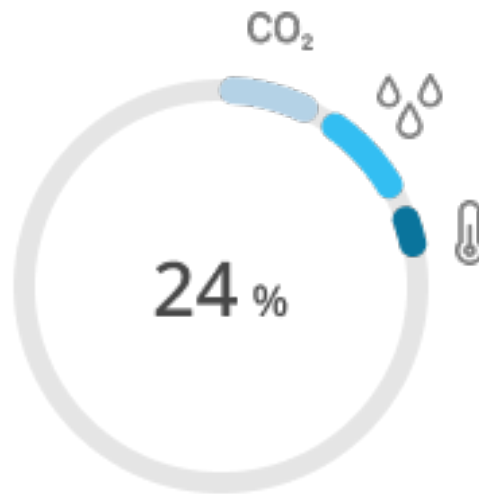
Report page

Some companies use FarmOnline to track production metrics others use a piece of paper. Some track total feed in the house others track total per animal. Reports are often made just a little bit differently from company to company.

The report page is your space to set up exactly as you need it for your daily production metrics. You can not add settings to this page, only read-out values.
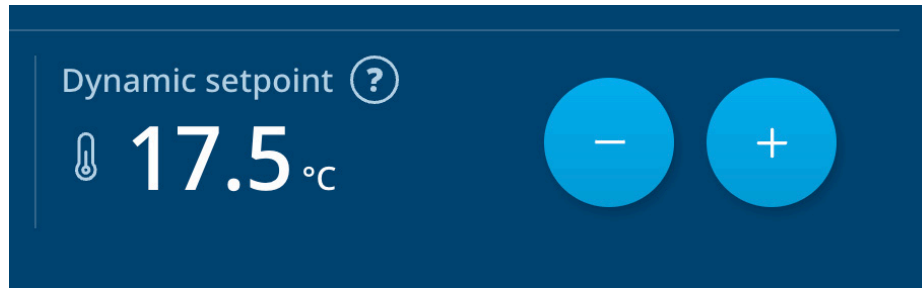
Ventilation 0 – 100%

24 %

No more ventilation above 100%.

Your full ventilation capacity is 100%. If you ventilate 50%, this will be at half of your installed capacity.

Symbols on the graph show why the controller ventilates, e.g, Humidity or CO2 levels.
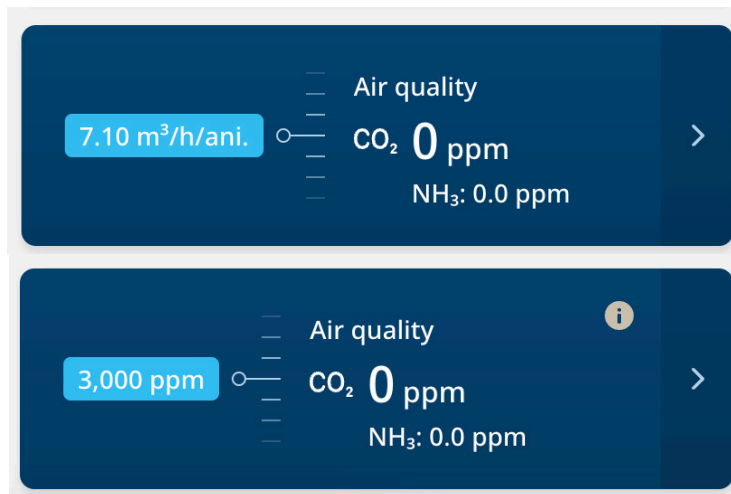
Dynamic setpoint

Dynamic setpoint (?)

🌡 **17.5** °C   (—) (+)

Wind chill, offsets, and comfort. Before, having the perfect climate would require you to know when to adjust what. The new dynamic setpoints do all the technical fine-tuning, so you don't have to. You only need to consider if you want the temperature to be higher or lower.

The setpoint is dynamic since it will always match the perfect temperature to the current ventilation level. When the need for ventilation changes, the dynamic setpoint will move. It means the setpoint could move after you made adjustments, but it will always have learned from it.

CO2 ventilation

Where is the minimum ventilation?

Since minimum ventilation was always about controlling the air quality at low ventilation levels, we merged CO2 ventilation and minimum ventilation into one section for air quality.

Now, you can choose to control your air quality with either a CO2 sensor or a minimum ventilation rate.