





Operation - a new front page

Operation	House 1 13:22, Week 34 D	ay 240						ę »)	4 ⊨
Stop batch	🕞 Catching	🔝 Anir	nate 🖓 Inspection	₿В	post				<i>₫</i> [®] 20.0 °C Humidity 0 %
Program overview	12	3:21	20.0 °C 20.0	°C]		>	Production Last 14 days		
• Interval t • Slave light 1							-14 day	-7 day ▲ 0 kg	Now 0 kg
Extra light 1 Feed		•	Silo 1 12.120 t (999 days)				Water Weight	▲ 01 ▲ 0g	0 I
Animate	11:21	15:21	silo 2 5.130 t			>	Mortality		>
Vie	ew details >		(555 Gays)				V	/iew details →	
Tem 20.0 ℃ ~ () 	pperature 20.0 ℃	•	Humidity ☆ 65 %	>	Air quality CO ₂ 3,4	12 p	pm >	Ventilation 40.6 %	>

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

Stop batch 🕞 Catching 🖾 Ar	nimate 💡 Inspection 🚯 Boost		20.0 °C Humidity 0 %
Program overview 13:21 Main light			
Interval t Slave light 1			
Extra light 1			

What is visible here?

Manual actions like

- Start or plan catching
- Start/stop inspection light
- Start/stop ventilation boost
- Animate feed

Tap to see

Settings for the individual actions





Climate equipment

Operation House 1 13:22, Week 34 Day 240		Ø	E))	=
Program overview 13:21 Main light				
Interval t Slave light 1				
Extra light 1				
		V	ew details >	
		pm >	Ventilation 40.6 %	>

What is visible here?

- Ventilation rate 0-100%
- Cooling or heating level if ON

- Ventilation status information
- Inlets
- Outlets
- Cooling
- Heating





Climate targets

Program overview Main light	13:21						
Temp 20.0 °C ○ ()	erature 20.0 ∘c >	Humidity ° ₀ ° 65 %	Air quality CO ₂ 3,412 p	opm >			

What is visible here?

- Temperature measured and setpoint
- Humidity measured
- Air quality
 - CO2 (if installed) measured
 - Minimum ventilation setpoint

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





Production

Program overview	13:21			Production Last 14 days		
				-14 day	-7 day ▲ 0 kg	Now 0 kg
				Water	▲ 01	01
				O Weight	▲ 0 g	0g ,
				Mortality		×.
				Vi	iew details >	

What is visible here?

- Bird weight (if installed)
- Feed/bird last 24h (if installed)
- Water/bird last 24h (if installed)
- Mortality
- Number of eggs (if installed)

- More detailed production numbers
 - Daily gain, feed, water, etc.
- Tip: Tap directly on mortality to input today's mortality





House temperatures

Program overview	13:21	20.0 °C 20.0 °C	3		

What is visible here?

• Temperature variations across the house

Tap to see

History curves of system sensors



Silos

Program overview Main light Interval t.		
• Slave light 1		
Extra light 1	Silo 1 12.120 t	
	(999 days)	
	Silo 2 5.130 t (999 days)	

What is visible here?

- Graphical view of silo content
- Content in numbers and time to empty

- See delivery log
- Adjust content or add delivery



Programs

Program overview Main light Jatopral t	13:21						
• Slave light 1							
Extra light 1 Feed	•						
Animate	11:21 15:21						
20.0 °C ~ 0	nperature • 20.0 °c >						

What is visible here?

Status of programmed equipment

- Change program setup
- Adjust settings of programmed equipment









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

Strategy House 1 10:56, Day 50		\bigcirc	₽	4 ≡
Q	< Temperature Inside temperature			
PRODUCTION ☆ Light Feed			Day 50	24 °C
👌 Water				
CLIMATE	0 10 20 30 Setpoint — Heat offset •••	40	50	0 °C
ింి Humidity	Day Setpoint Heat offset Action			
co, Air quality	1 22.0 °C -0.2 °C			+ 1
& Ventilation	7 22.0 °C -0.2 °C			+
攀 Cooling	14 22.0 °C -0.2 °C			+
	21 21.0% 0.2%			

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

Reports	se 1 9, Day 50		
Min. temperature 24 h -99.0 °c	^{Мах. temperature 24 h 18.6 °с}	Feed/pig today 18.60 kg	Water/pig today
Outside tempera- ture min. -10 °c	Outside tempera- ture max. -10 ∘c	Feed/pig last 24 hour	Water/pig last 24 hour
		Pigs alive ⇔ 445	Mortality ☆ 1.1 %
			Main light intensity 'ở' 50 ⊨
		$\overline{}$	Min. humidity 24 h 0 % 65 %

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%



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



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.

