



# Big Dutchman®



## Breezy

The perfect computer for controlling natural ventilation in your barn

**Breezy: reliable and automatic curtain control for ideal temperatures in the naturally ventilated barn**



**Big Dutchman®**  
Southern Africa

### Contact Us



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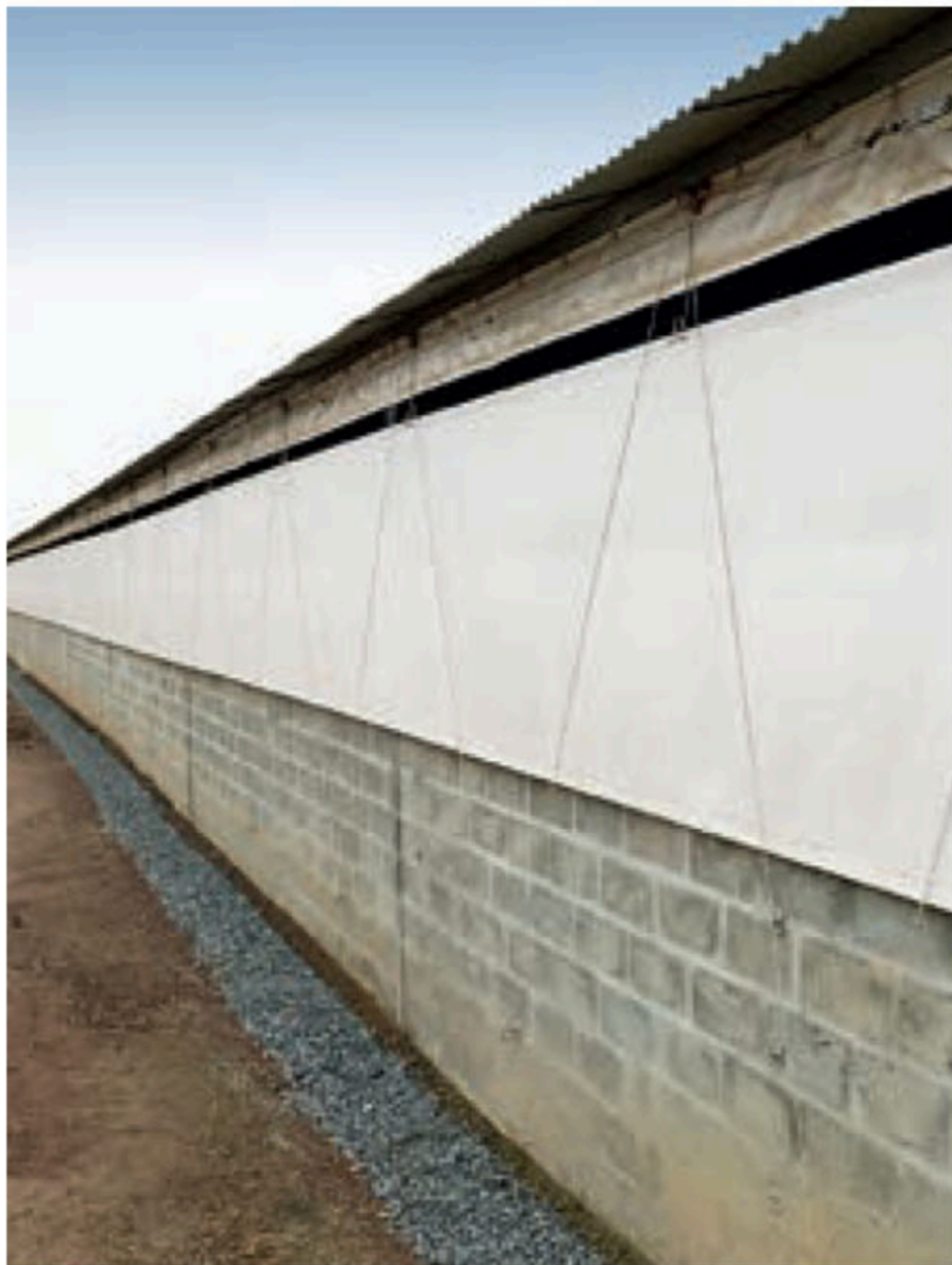


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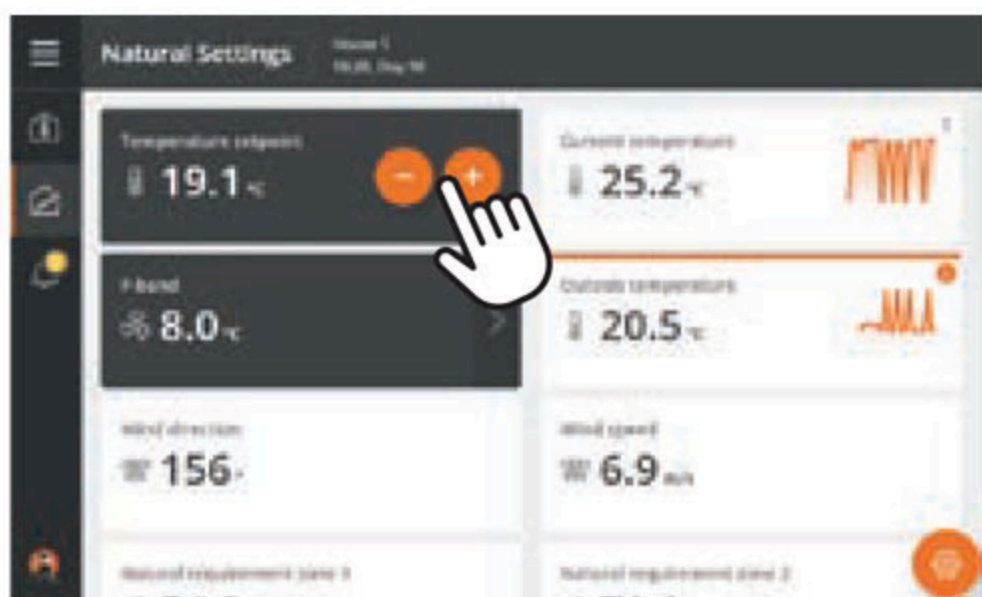
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Natural ventilation in pig and poultry houses is a good option especially in regions without frost – and available at a reasonable price. To control the air exchange, roller curtains with electric winches are used on both long sides of the building, which is a well-proven concept to open and close the barn.



White curtains reflect the sunlight

Using sensors for climate control is state of the art today. Temperature, humidity and CO<sub>2</sub> sensors effectively measure and monitor changes in the house air. Sensors are



The display shows important climate data in a concise manner. The temperature setpoint, 19.1 °C in this example, can be adjusted. When temperatures exceed this value, the curtain will leave its position and open the barn further. The adjustable P-band defines the temperature addition at which the curtain is fully open.

Based on the temperature and additionally supported by data from a weather station, **Breezy** controls the curtains automatically and independently of the side. The computer was developed by Big Dutchman specifically for naturally ventilated barns and comes with the following features:



The winch motor securely winds and unwinds the curtain therefore the basis for any computer-controlled climate system. Big Dutchman can provide the full range of state-of-the-art sensors.

- coloured 7-inch display with a clear structure
- with its 12 relays, Breezy controls:
  - up to 2 recirculation fans
  - up to 4 actuators / electric winches
  - heating and cooling
  - up to 3 air exit flaps
- available for connection are:
  - up to 3 temperature sensors
  - one CO<sub>2</sub> sensor
  - one humidity sensor
  - one water meter
- integrated weather station to determine wind speed and direction
- compatible with BigFarmNet for poultry, for pig from November 2021



DOL 12 temperature sensor



DOL 114 sensor for relative humidity



DOL 119 CO<sub>2</sub> sensor



Weather station