

The AG-06 agrometeorological station is a fully automatic electronic control system ventilation, which allows unattended opening and closing of the side ventilation systems and ridge vents and, if necessary, switches on the slow-speed fans for forced airflow. Evaluation is weather dependent. Based on the set parameters, it prevents heat leakage primarily in winter season and throughout the whole year. It prevents draughts and prevents the ingress of rain in unfavorable weather conditions. The system reacts to wind intensity, temperature and rain and allows full or partial ventilation in several set levels. It is controlled via a touch screen and is equipped with other practical functions for zookeepers and operating staff.

BASIC EQUIPMENT:

- agrometeorological station with touch screen and recorded basic software (for one type of lateral ventilation system and control two-wing comb slit)
- 2 airflow intensity sensors for the left and right side of the stall
- 1 rain sensor
- 1 temperature sensor

ADDITIONAL EQUIPMENT:

- control via web interface
- shading (side ventilation system control) in high sunlight intensity
- data collection - export to xls
- fan control
- lighting control
- blade control

SETTING OPTIONS:

The connected ventilation system with basic software works on the principle of opening and closing the walls in thirds. We can manually adjust how often and to what value the system should move depending on the current weather conditions. In the case of the connection of slow-speed fans the temperature at which the fans are started is entered. It is also possible to set the function for winter operation. In winter operation, the temperature is set, which causes the tarpaulin to close one or two thirds, depending on the setting value. The tarpaulins remain closed as long as the temperature drops below this temperature up to the frost function, while respecting exceeding speed values of wind and the presence of precipitation. The second level of winter operation is the frost function, which causes the tarps to close completely. This function serves to protect the stable from severe frost, which, in addition to health complications for the animals, could cause freezing of food and water troughs. The tarps remain closed for the entire time the temperature drops below this freezing point.



COMPATIBILITY:

The weather station can control a Double-leaf Ridge Vents with electric drive and Haze side ventilation systems (types A, B, C, D and F can also be connected to systems from different manufacturers). It is possible to control fans, shade and more with it.



SERVICE:

The complete user set up is in Czech language, the system is operated using buttons directly on the touch screen of the weather station. All set values are displayed on the display, there is also information about the current temperature and current intensity of air flow on each side of the stable.

