The characteristics of the VIRGO-INL controller:

Ventilation depending on temperature, humidity and CO2 concentration

Target temperature set manually or automatic change according to curve

Night temperature (change of temperature when lighting is off in order to improve the welfare and efficiency of the breeding process)

Periodical ventilation

The control of humidity level: dehumidification and humidification

Heating and cooling (i.a.by sprinkling)

Operation of air mixers depending on temperature difference between sensors and together with heaters

Interoperation with 3-stage infrared radiators

Alarms in case of exceeded target thresholds of microclimate parameters and irregularities in the system operation

Recording of the history of operation with date and time (alarms and cyclical saving of parameters, daily indicators)

Connection to a PC computer and remote control of many VIRGO controllers – also via the Internet (as a standard: USB and RS-485, options: WiFi, Ethernet, there is needed a dedicated JOTAFAN FARM software)

FARM Computer Program

Communication with many JOTAFAN controllers by means of a PC computer – in one panel on the computer's screen – with the possibility of division into buildings: with a direct cable connection (USB, RS-485), in a local computer network (LAN, Ethernet or WiFi) or via the Internet (a server system).

Monitoring of microclimate parameters: temperature, humidity and carbon dioxide (alarms)

Remote editing of the controller's settings and a current preview of microclimate parameters, including editing of the values of alarm thresholds for temperature, humidity and CO2 concentration

Reading of data collected in the VIRGO-INL controller, their analysis and visualisation in the shape of charts and tables, data export to CSV files that are read, e.g. by Microsoft® Excel

Operation in the Windows operating system, from XP SP3 version to the current one

Graphic presentation of settings, visualisation of the current control in the building

Displaying alarm messages and the history of operation

Making configuration of the VIRGO-INL controller easier, the possibility of quick transfer of settings to other controllers, saving the configuration in the file on the computer's hard disk (backup).

Scan the QR code and find out more