

# Dr.Cropstore

TEMPERATURE CONTROLLER FOR STORAGE



- Perfect choice for storage of potatoes and other crops
- Controls ventilation /cooling / heating
- Anti chill protection
- Recirculating control - mixing indoor and outdoor air - or just mixing indoor air
- Easy operation
- Built-in Data Logger, Data May Be Transferred to a PC
- Communication Port for Remote Control by a PC, Optionally Through Telephone, SMS text messages and more

## Easy to Operate

- A combination of two selector control knobs makes easy access to all functions
- The enclosed laminated A4-sheet virtually serves as a users manual.

## 2 temperature sensors

- 2 temperature sensors may be placed in different locations. The controller then use the highest value for controlling.

## Re-circulation

- The second sensor may also be utilized to control a re-circulation damper thus mixing the outdoor air with the indoor air.
- Timing Control of indoor mixing fans

## Indoor - Outdoor temperature

Controlling takes into account the difference between indoor and outdoor temperature. The outdoor air will only be taken in, if it is cooler than the indoor air. The difference is set by the user.

## Anti Chill Protection

A built-in anti chill protection spare the crop from frost bite.

## Alarms Function

A high and a low alarm limit can be set for both temperature sensors. In case of a faulty sensor, the control will automatically switch to the other sensor. An alarm situation is shown on the panel and a beep is generated every 10 seconds. Optional a siren and/or speech computer may be connected

In case of an alarm situation, all outputs are stopped.

## Heating Control

A heating system may also be controlled. A separate heating SET temperature is specified for that purpose. When the crop temperature is below the SET temperature heat is supplied.

## Data logging

Dr.Cropstore stores all measurements, alarms and any altering of values.

There is a facility for browsing the data via the display. There is also an easy way to make a search on high and low values. (E.g. when did the last alarm event occur?)

## Communication

Useful possibilities through communication on a network:

Using a PC:

- Transfer the logged data, convert these to graphics. Any irregularities will be clearly displayed.
- Possibility of making all necessary operations by remote control by PC
- An optional SPEECH-PROCESSOR expands the possibilities:
- Automatic alarm calls informs in clear speech or SMS text messages
- From a telephone you may change settings, by commands or by SMS text messages

