Heating

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1. Heating general

The heating in a greenhouse can consist of a rail pipe heating, a growth pipe and an top heating. Also, heaters and soil heating is possible.

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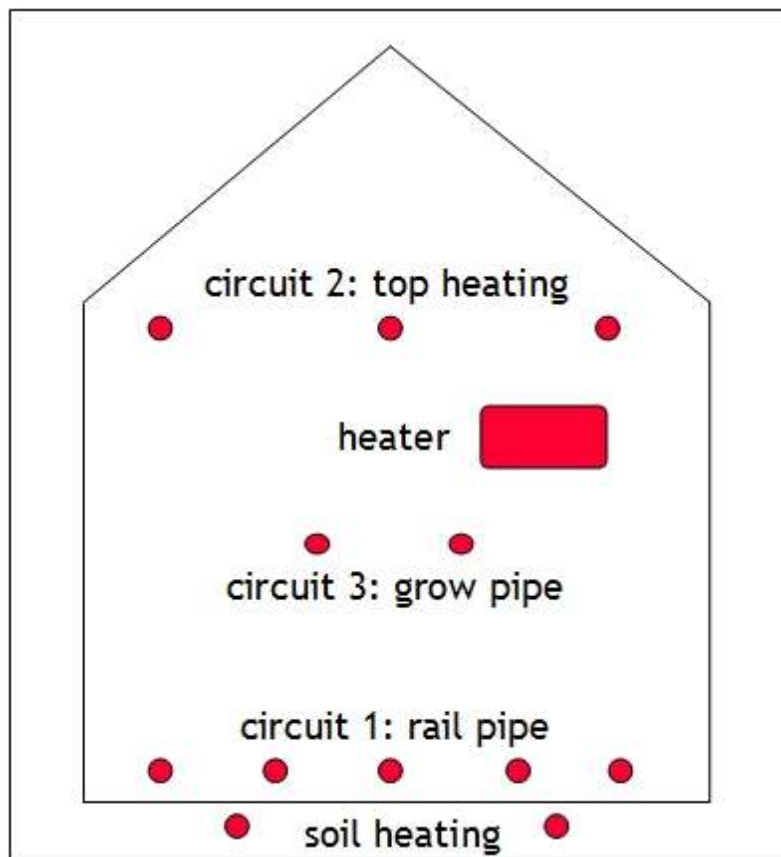
2. Heating circuit 1/2/3

The setting list of "Heating circuit 1 (2 and 3)" you can adjust to the following list:

Settings	Unit	Value
circuit pipe minimum: ViP	°C	20
circuit pipe maximum: ViP	°C	38
circuit pump: pipe temperature on	°C	25
control circuit: sequence heating		1
control circuit: switch over temperature	°C	50

circuit pipe minimum: ViP
circuit pipe maximum: ViP
The greenhouse temperature is regulated by means of the pipe heating system.
The pipe temperature is limited by a minimum and a maximum.

Example:
Reduce the minimum daytime pipe temperature as a function of the light.
The minimum daytime pipe temperature from sunrise to sunset is 40 °C.
In sunny weather 20 °C. Overnight 30 °C.

circuit pipe minimum: ViP - °C					
	Period state			On	On
	Start time			00:00	00:00
	Relative to			Sunrise	Sunset
Baseline average	Change			01:00	01:00
36	Value		40	40	30
Influence	From	To	Now	1	2
radiation: measurement	150	250		-20	0
No influence					

circuit pump: pipe temperature on
The pump is switched on when the greenhouse temperature is too low or if the calculated tube is higher than this setting.

control circuit: sequence heating
For each circuit it is possible to specify whether this circuit has to be adjusted as the 1e, as 2nd or as 3rd circuit.
A circuit can be switched off by entering 0 for this setting. However, the minimum pipe temperature is still applicable.

control circuit: switch over temperature
This setting is used to specify the circuit's (computed) pipe temperature, at which the system switches to the next circuit.
Switching also happens when the maximum tube temperature is reached.