

How does iSii +TO Control work?

iSii +TO Control is very flexible, giving you total control over *whenever* and *what* happens.

Required 24 hour-temperature

You set your required temperature first. iSii +TO Control then registers any deviations from this required temperature. These deviations are displayed in clear reports by way of 24 hour-, weekly and period overviews, so that you always have a clear picture of what is happening. You can also see what is going on in the longer term.

Average temperature over set period

iSii +TO Control keep up the average temperature across the period set by you, of between 1 and 7 days. This way, you always have an up-to-date overview over the temperature required, realised and the deviation over the required period. A running total of the average of the current 24 hours is also always kept.

Realisation of required average temperature

The deviation temperature over the set period is available as a ViP influence and can be applied to all ViPs. This very powerful mechanism offers you the freedom and flexibility to set your controls just the way you want them. If for instance it was too warm in the greenhouse, the deviation temperature will show this. You can set this as an influence over the heating temperature to lower this, at just the moment you want this to happen. This provides you with complete control over whenever the excess or shortage of heat is eliminated, for instance only during the day, or only during the night. You also determine the speed at which an excess or shortage in the temperature is eliminated.

Meteoscope

You can also increase or decrease the required 24 hour temperature yourself with all the available ViPs. This gives you the option to set the Meteoscope weather forecast as an influence, for instance by making the required 24 hour temperature dependent on the expected radiation sum.

Degree hours

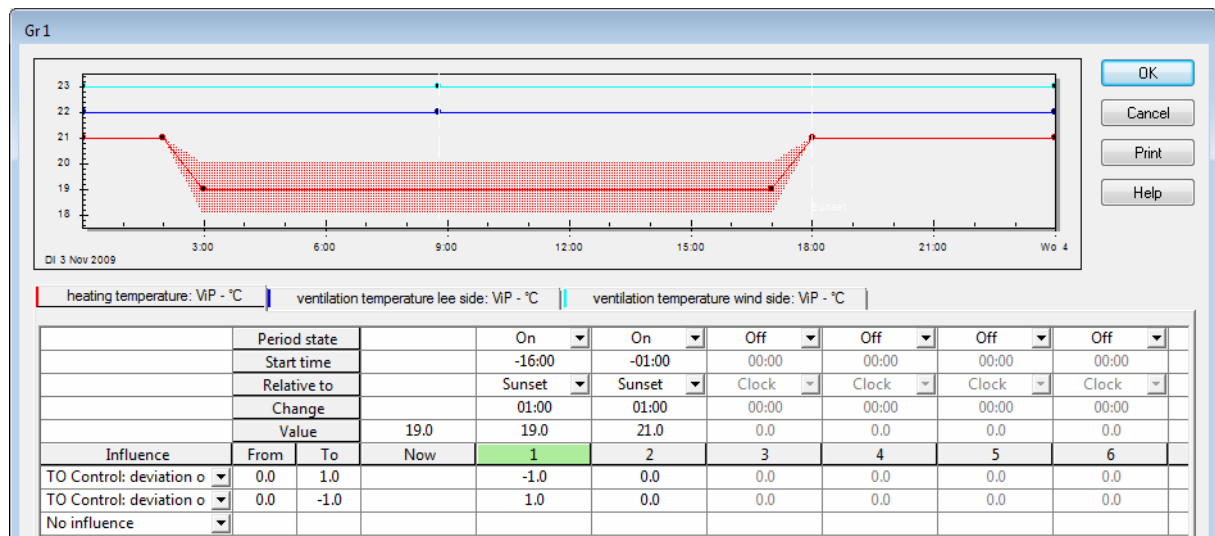
iSii +TO Control keep the degree hours over the set period on track. For every hour the temperature was 1 degree higher than the required 24 hour-temperature, 1 degree is added to the sum. Conversely, for every 1 degree lower, 1 degree is deduced from the sum. In addition, you can view all data in your standard iSii graphs.

You can use the degree hour sum as a simple means to check whether your temperature settings are correct. The degree hour sum also provides an indication of how fast and into which direction intervention is required.

LetsGrow

All relevant information from iSii +TO Control are transferred to LetsGrow, providing you with the option to store your data over several years and to compare them with your fellow growers. You will of course require a suitable LetsGrow subscription to do so, as the free-of-charge LetsGrow subscription supplied as standard with your iSii is not suitable for this purpose.

New control options



- Control based on light-dependent 24 hour-temperature, i.e. the measured and/or predicted radiation sum influence
- 24 hour correction to apply with a too warm day and cooler night
- Control day/night temperature changes
- Energy savings, implement a lower temperature in the short term, for instance in case of cold dark weather occurring, but also adjusting this to achieve a minimum average temperature across the longer term (up to a maximum of 7 days).
- Temperature integration: Compensate for deficits, for instance occurring by a too low maximum pipe, or a deficit in heat (CHP set to storage, empty tank etc.), over one or more days.