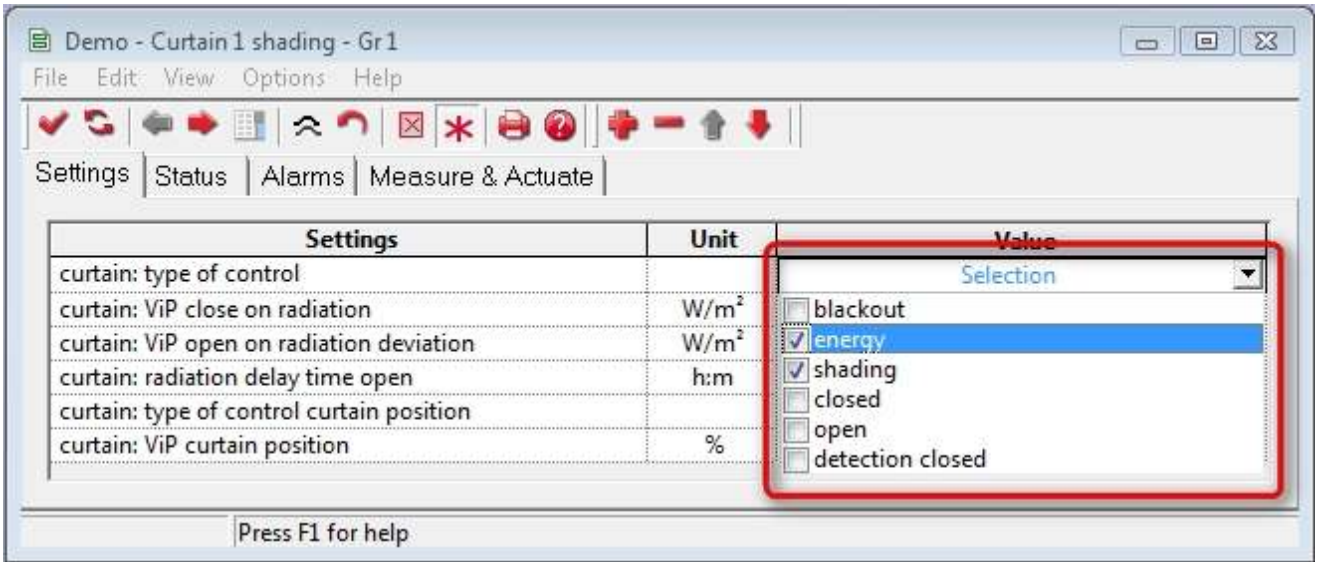
Curtains

A curtain can be used for various reasons, such as

1. Shade curtain shade too much incoming radiation from the sun
2. Energy curtain in winter to close the curtain when it is too cold outside and thus save energy
3. Blackout curtain to influence length of the day and night

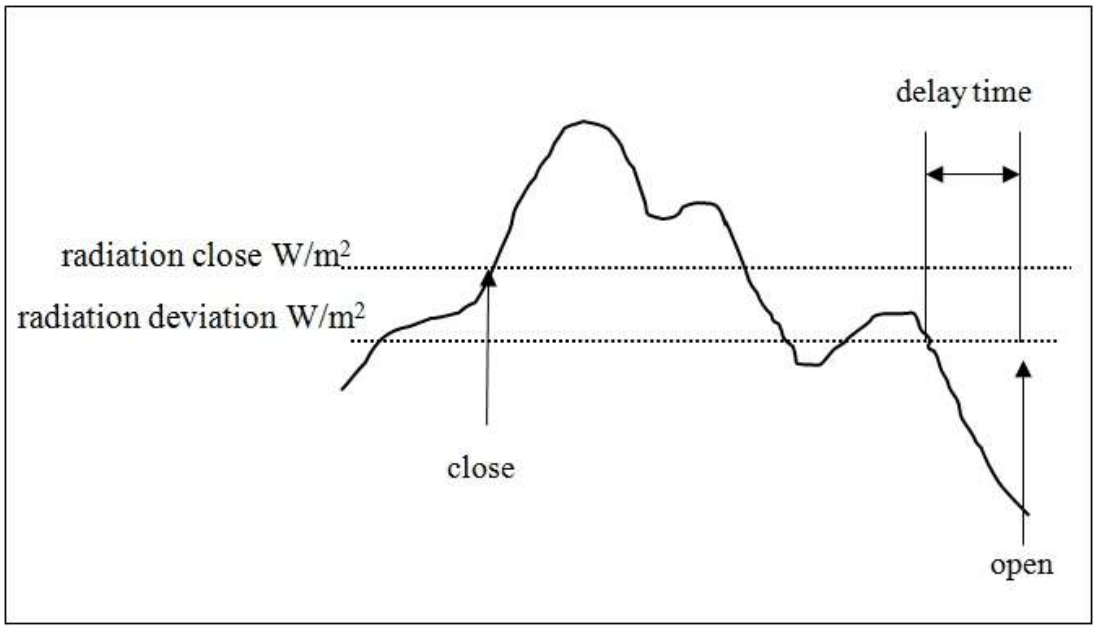
1. Shade curtain

The setting list of "Curtain 1/2/3/4/5/6 shade" can be changed to the following list:

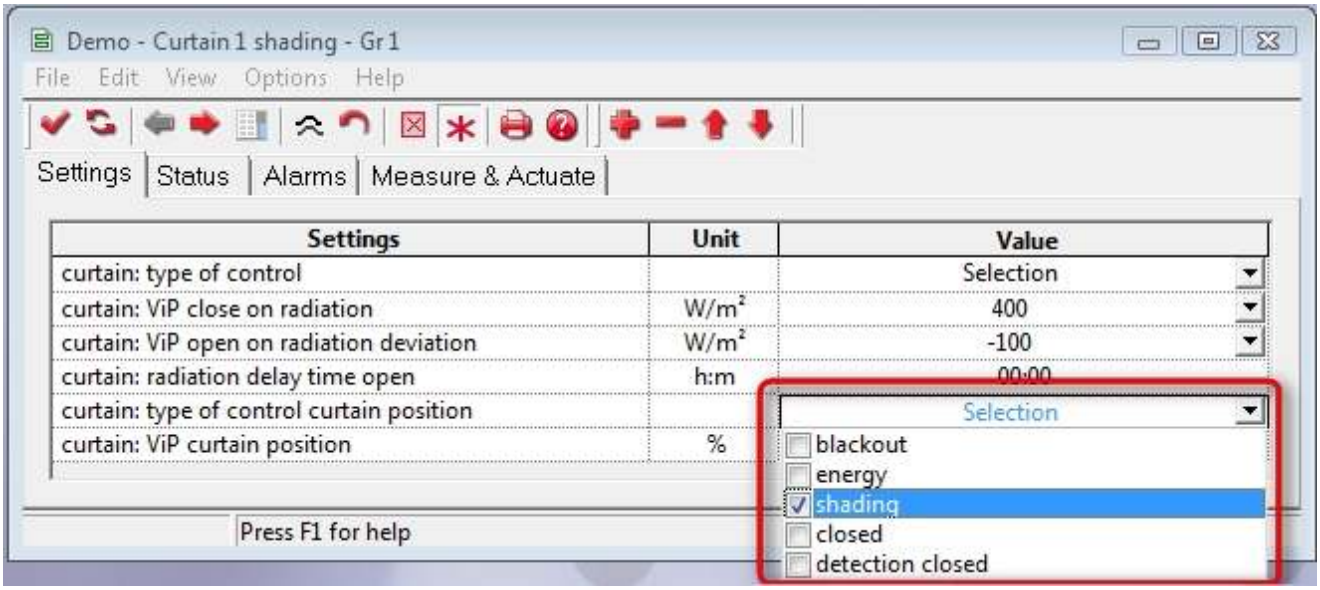


curtain: type of control
For example, choose the curtain used as a shade curtain and energy curtain.

curtain: ViP close on radiation
curtain: ViP open on radiation deviation
curtain: radiation delay time open
The shading curtain is closed if the measured radiation is higher than the setting radiation close. The curtain is opened again if the radiation is lower than radiation close minus radiation deviation open.
In order to prevent the shading curtain opening too quickly in changeable weather, the delayed radiation must first remain below the set radiation threshold for the set number of minutes before the curtain is opened.



curtain: type of control curtain position
For example, choose that curtain position is used at the shade screen.



curtain: ViP curtain position
If the curtain is closed, then this is usually not completely closed. This setting allows to set the curtain position.

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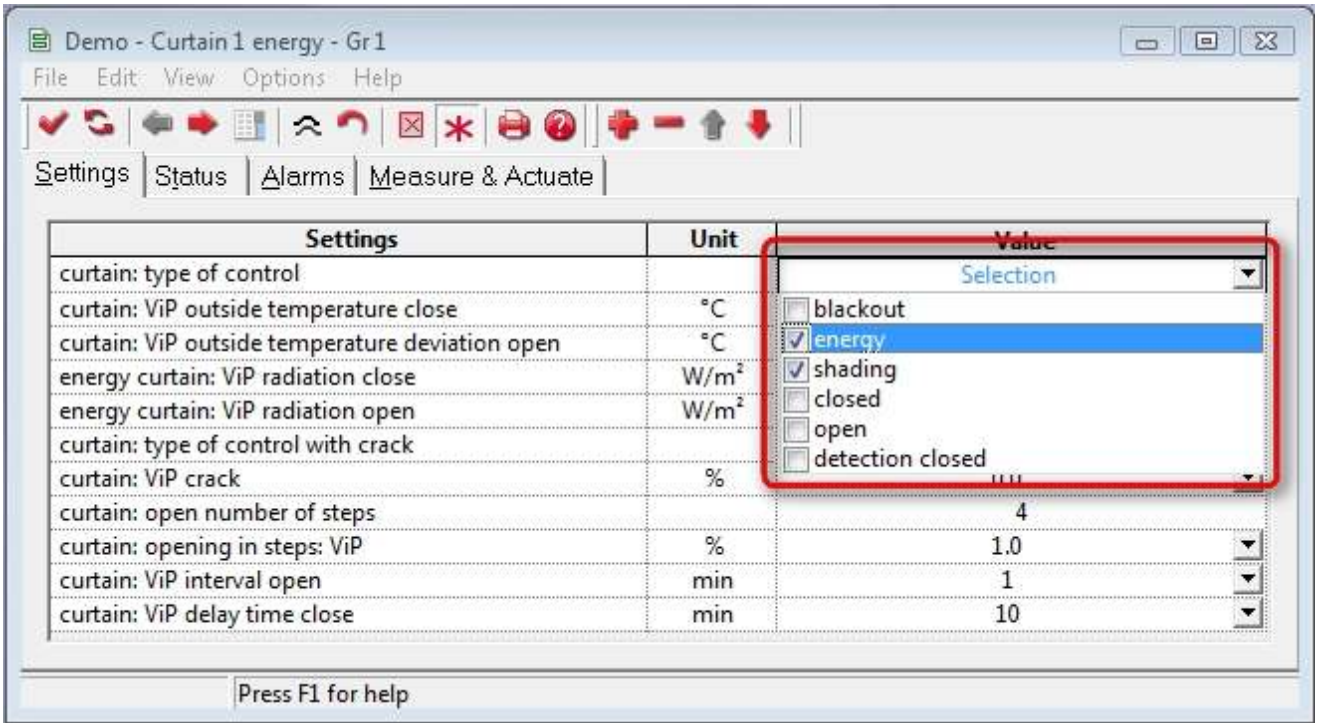
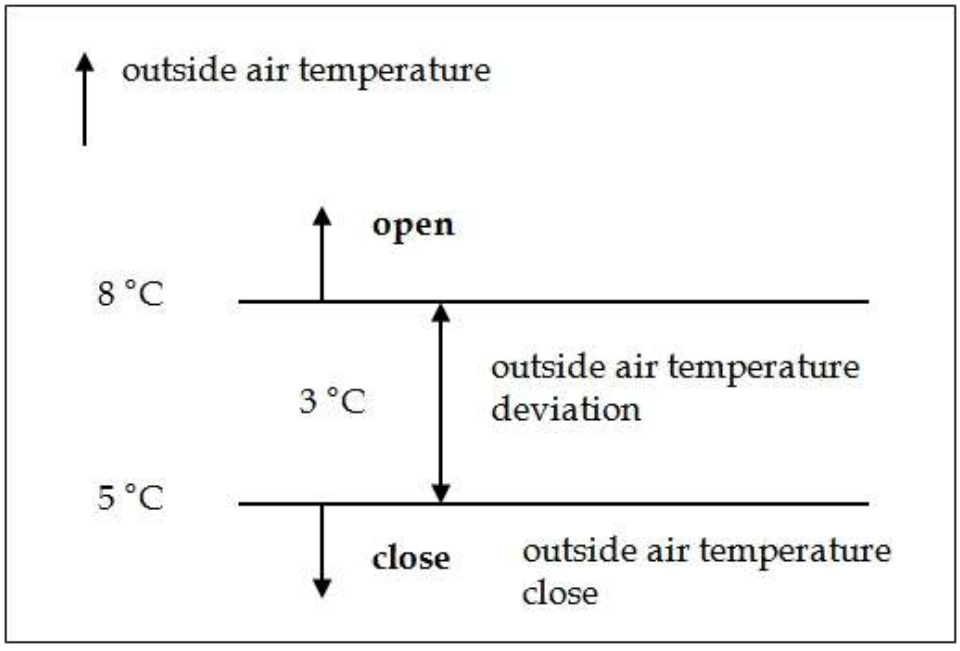
2. Energy curtain

The setting list of "Curtain 1/2/3/4/5/6 energy" can be changed to the following list:



curtain: type of control
For example, choose the curtain used as a shade curtain and energy curtain.

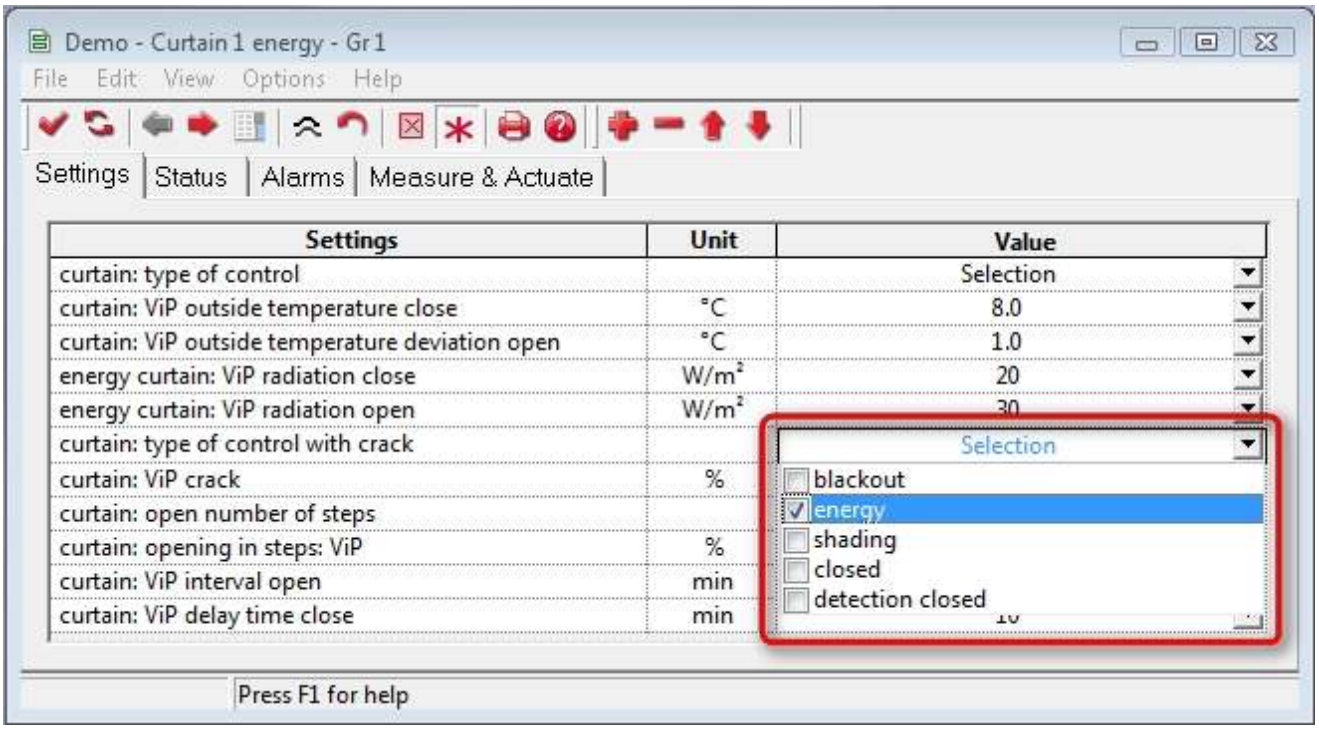
curtain: ViP outside temperature close
curtain: ViP outside temperature deviation open
If the outside temperature is lower than the "outside temperature close", then the curtain close as energy curtain.
If the outside temperature is the "deviation open" higher, than the curtain opened again.



energy curtain: ViP radiation close
energy curtain: ViP radiation open
The energy curtain closes if the measured radiation is lower than this setting AND the outside temperature is sufficiently low and opens if the measured radiation is higher than this setting (irrespective of the outside temperature).

curtain: type of control with crack

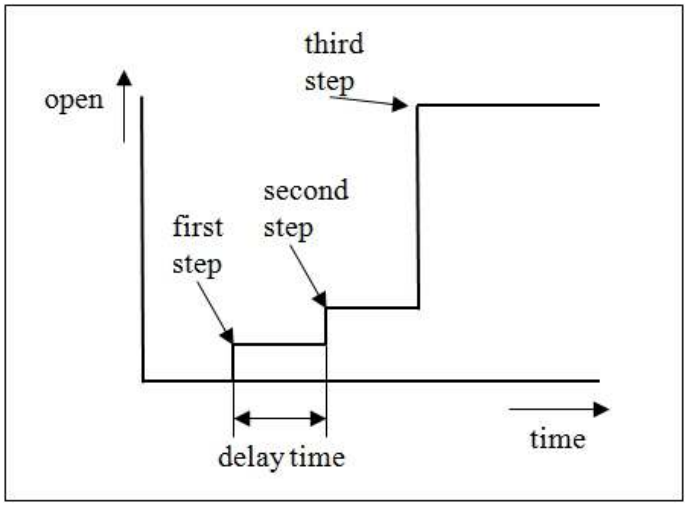
For example, choose that the crack is used at the energy curtain.



curtain: ViP crack
If the energy curtain is closed, then this is usually not completely closed. This setting allows to set the crack.

curtain: open number of steps
curtain: opening per step: ViP
curtain: ViP interval open
These settings apply to the opening of the curtain.

- The curtain is opened a crack (opening per step);
- The curtain then waits (interval);
- This is repeated a number of times (number of steps);
- The curtain then opens fully



If there is already a crack on opening, the number of steps is reduced by 1.

curtain: ViP delay time close
If the curtain has to close for energy or blackout reasons, it is closed 5% and the system then

waits for the time set here. This time gives the heating the chance to adjust (pipe temperature falls). Once the delay time has elapsed, the desired curtain position is set.