



BARTLETT Instrument Company

Need To Vent? You've Got Options!

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When using your proportional outputs with a Bartlett RWL controller, you've got different options on how you'd like them to operate. When programming the proportional output you can either set them to PID Vent Control or 5-Position Vent Control.

PID Vent Control (default setting) is a mathematical approach to determining vent opening so the temperature is driven to the desired set point. Instead of jumping to predetermined steps that may be too small or too large, PID control will ease the vent to the needed opening, minimizing vent movement and temperature swings.

The 5-Position Vent Control option is also available as a less sophisticated control for roof vents or side walls. The vent moves to 1 of the 5 predetermined percentage settings as the temperature in the greenhouse rises or falls. Some roll up walls function better with the 5-step settings when there are obstructions to wind flow from a knee-wall or building.

For more information on how to program your controller for these different types of vent operation, you can consult your RWL11X2 manual or give us a call and we can step you through it!

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