

Effective curtain machine and heater control



The Natural Ventilation Control (NVC-2) automatically controls the temperature in a room by operating a curtain machine and heater according to your settings.

Controlling a curtain machine

- ◆ When the temperature is within the **idle band** of the **set point**, the NVC-2 maintains the curtain position.
- ◆ When the temperature rises above the **idle band**, the NVC-2 opens the curtain for the **on duration**, and then pauses for the **off duration**.
- ◆ After each **off duration**, the NVC-2 checks the temperature and then either opens or closes the curtain (for the preset duration), depending on the temperature.

Controlling a heater

When the temperature is below the **heat set point**, the NVC-2 switches the heater on. When the temperature is above the **heat set point**, the NVC-2 switches the heater off.

Features

- ◆ Automatic temperature-based control -13 to 125°F (-25 to 51.7°C)
- ◆ Programmable open, close, and idle durations
1 to 900 seconds
- ◆ Programmable idle band
1.0 to 10.0°F (0.6 to 5.5°C)
- ◆ Programmable hysteresis
0.3 to 5.0°F (0.2 to 2.8°C)
- ◆ Programmable temperature alarms
- ◆ Two curtain relays (one open, one close)
- ◆ Heater control relay
- ◆ Alarm relay (for external alarm system)
- ◆ Four-button keypad
- ◆ Four-character LED display
- ◆ Programming and status LEDs
- ◆ Manual override/test mode
- ◆ Power-failure settings protection
- ◆ Temperature probe, 6 feet, extendable to 500 feet
- ◆ Available Rain Sensor
- ◆ Rugged enclosure (corrosion resistant, water resistant, and fire retardant)
- ◆ cCSAus approval
- ◆ Limited warranty (two years)



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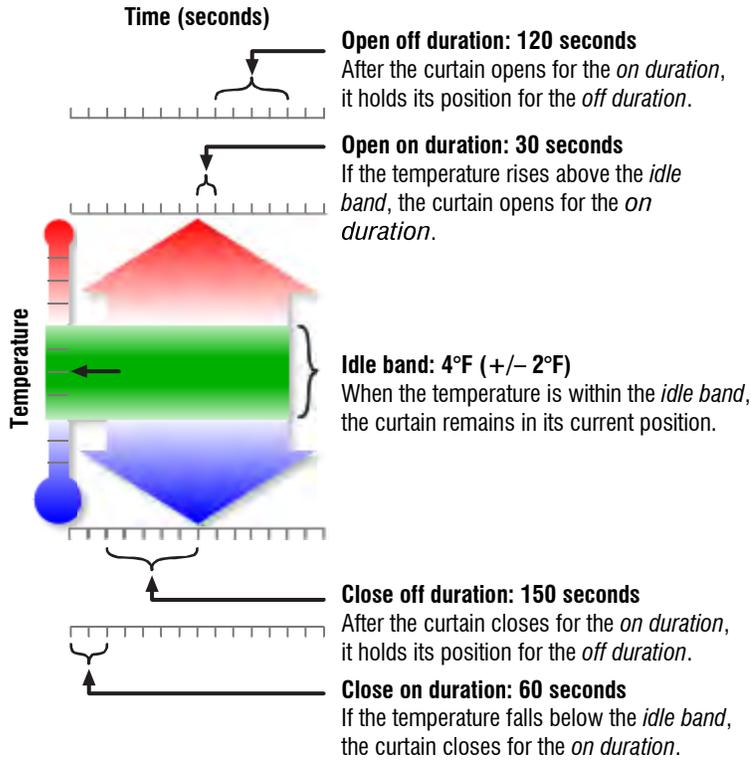
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Phason Rain Sensor (PRS)

Detect rainfall and automatically close curtains

The Phason Rain Sensor connects to the NVC-2 and allows it to close the curtain when rainfall is detected.

The advanced optical sensor uses infrared light to detect water hitting its surface. This method of detection is more sensitive and reliable than other methods, is nearly immune to false detection, and is not affected by movement and most environmental conditions.

The Phason Rain Sensor's durable and rugged enclosure is completely sealed, so there are no electronics to corrode, and no openings for debris to collect.



Additional information

For more information about the natural ventilation control, Phason Rain Sensor, or other Phason products, contact your dealer or visit www.phason.ca.

