

Natural Ventilation Control (NVC)

Simple, effective curtain machine or actuator control

The Natural Ventilation Control (NVC) automatically controls the temperature in a room by positioning an inlet or curtain.

When the temperature is at the temperature set point, the NVC maintains the curtain position. When the temperature rises above the set point, the NVC opens the curtain for the 'open duration' and then pauses for the 'idle duration'. After each idle duration, the NVC checks the temperature and then either opens the curtain or closes the curtain (for the preset duration) depending on the temperature.

The NVC is ideal for greenhouses and curtain-sided livestock buildings.

Features

- ◆ Two relay stage outputs (open/close)
- ◆ Alarm relay
- ◆ Adjustable temperature set-point and differential
- ◆ Adjustable high/low temperature alert settings
- ◆ Adjustable open/close and idle durations (1 to 900 seconds)
- ◆ Manual override to open/close curtains
- ◆ Lock mode to prevent setting changes
- ◆ Four-digit LED display and status LEDs
- ◆ Fahrenheit and Celsius display
- ◆ Error code display for troubleshooting
- ◆ 30-foot temperature probe, extendable to 500 feet
- ◆ Rugged enclosure (corrosion resistant, water resistant, and fire retardant)
- ◆ CSA approval
- ◆ Two-year limited warranty



Electrical ratings

- ◆ **Input:** 120 /230 VAC, 50/60 Hz
- ◆ **Open/close relays:** 6 A at 120/230 VAC, general-purpose (resistive)
1/3 HP at 120 VAC, 1/2 HP at 230 VAC
- ◆ **Fuses:** 12 A, 250 VAC ABC-type ceramic
- ◆ **Alarm relay:** 0.4 A at 125 VAC; 2 A at 30 VDC, resistive load
0.2 A at 125 VAC; 1 A at 30 VDC, inductive load

Additional information

For more information about the NVC or other Phason products, contact your dealer or visit www.phason.ca.