



NV LOGIQ Room Controller

NV LogiQ | General Information

The NV LogiQ Room Controller has been designed to offer an effective, efficient and user friendly solution for adaptive natural ventilation applications that are easily integrated into new or refurbished buildings.

The NV LogiQ Room Controller can be used as a stand alone system or networked to give individual room control with global common signals such as wind, rain and security closing.

All this within a small wall mounted enclosure, the NV LogiQ Room Controller has integrated sensors, switches and a backlit LCD display that offers many facilities without

the need for separate sensors within the room.

There is a pre-programmed natural ventilation control algorithm that has been developed in partnership between SE Controls and Loughborough University's Building Energy Research Group.

this strategy was formulated by modelling hundreds of scenarios and in conjunction with industry recognised methods and data collected from natural ventilation projects installed over several years by SE Controls.

NV LogiQ | Features

- CO2 monitoring and level display
- Temperature monitoring and level display
- humidity monitoring and level display
- User control via inbuilt switches with ten increments of operation
- Output signal for external devices such as central heating control
- Lock out function to prevent misuse
- Time clock for strategy and security closing
- Vent position/open output signal
- Fresh air 'morning start' or 'night purge' setting
- Intuitive menu for setpoint adjustment via a security dongle
- Continuous data logging for performance analysis

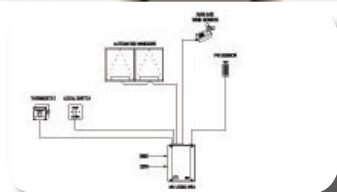
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NV LogiQ Specifications

VOLTAGE	Actuator Spec.
LOAD CAPACITY - PUSH/PULL	Actuator Spec.
LOCK FORCE	Actuator Spec.
CURRENT UNDER LOAD	Actuator Spec.
STROKE LENGTH	Actuator Spec.
STROKE SPEED AT FULL LOAD	Actuator Spec.
OPERATING TEMPERATURE RANGE	-20°C to 75°C
LIMIT SWITCH	Actuator Spec.
IP GRADE	Actuator Spec.
ELECTRIC OVERLOAD CUT OFF	Actuator Spec.



SE Controls Core Principals

- **Design:** UK based team can help when designing a natural ventilation system, please request more information
- **Manufacture:** UK factory produces all electric products for SE Controls from actuators through to the management systems
- **Distribution:** UK and Hong Kong Distribution Centres ensure all components are easily available with minimal delay
- **Installation:** Brisbane based Unique Window Services has 20 years experience installing similar equipment
- **Commission:** UWS is also able to wire and commission the required low voltage wiring
- **Maintenance:** UWS is the market leader in system maintenance

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