

DESCRIPTION

Fireguard IQ600NB is an Addressable NAC Booster Panel designed for small to medium-scale facilities. It is ideally suited for both new and retrofit commercial, institutional, and industrial fire detection and notification applications. IQ600NB is a state-of-the-art addressable fire control system that meets the requirements of UL864 10th edition. It supports 2 communication types: via SLC and Pass Through. It also has a capacity 8 Notification Appliance Circuits and 4 form C dry relay contacts (4 relays are used for indicating general loop/system troubles). The IQ600NB has a 4" LCD with 128 X 32 resolution, 4 navigation buttons and 1 enter button, and 4 LED indicators making it a highly intuitive fire alarm user interface. It will take up 9 addresses on the SLC loop.

FEATURES

• LCD Display

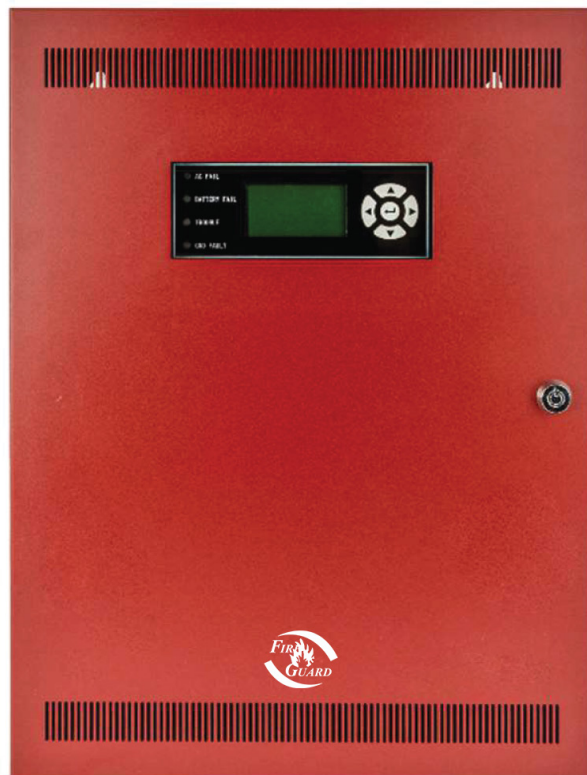
4" LCD with 128 X 32 resolution, 4 navigation buttons and 1 "enter" button, and 4 LED indicators.

• Flexible Outputs

8 NACs, Class A or B, 3Amps each, independently programmable and 4 form C dry relay contacts.

• Communication

Supports 2 communication types: via SLC and Pass Through.

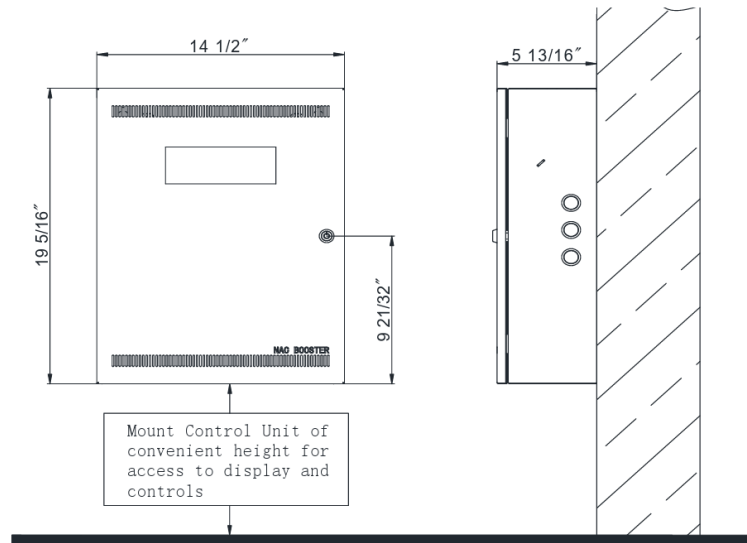


SPECIFICATION

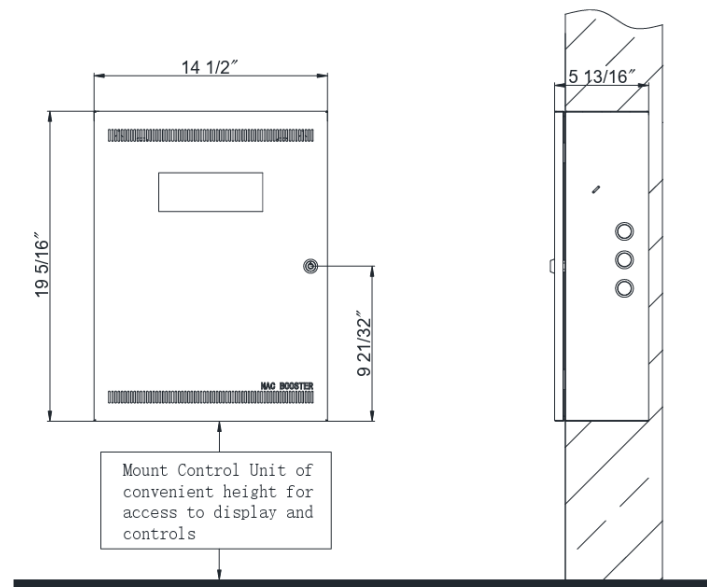
General	Digital signal processor-based design, fully configurable from the front panel with password protection
Environmental	» Operating temperature: 32°F - 120°F (0°-49°C) (UL) & 32°F - 122°F (0°-50°C)(Factory Tested) » Relative humidity: Up to 93% @ 90°F (32°C) » To be installed in normal dry indoor environment only
Primary Supply	» 110 - 120 VAC 50Hz/60Hz (4.68A) » 220 - 240 VAC 50Hz/60H (2.6A)
Secondary Power Supply	» Two 12V 40AH max in total » Two 12V 18AH max in cabinet
Power Outputs	Internal power supply for » AMI User interface / display 8 NACs, Class A or B, 3A each, 10A in total, independently programmable One Non-Resettable/Resettable Auxiliary Power Output (configurable) Power limited » 24 Vdc 1Amp max. Class E. 0.35 power factor
Relay Outputs	4 NO relay outputs (AC fail, battery fail, ground fault, general trouble), contact rating 1A @24Vdc
Communication	» SLC - Class A & B, take 9 addresses on SLC » Pass Through - Class A & B, 2 inputs configurable
LED	4 (AC fail, battery fail, ground fault, general trouble)

INSTALLATION

The Fireguard IQ600NB panel must be wall-mounted as per UL standards.



Surface mounted



Flush mounted

CATALOG NUMBER TO ORDER

Model	Description
IQ600NB	Red color NAC Booster 8 NAC, 1 PCU, Enclosure, Door with pictogram silkscreen
IQ600PCU	PCU- Power-supply and Charger Unit
IQPK	Key for Fire Alarm Control Panel and Remote Annunciator
IQ622	End of line resistor(EOLR)