



Air Quality Controllers (AQC)

Restrooms • Lounges • Bowling Alleys • Conference Rooms | Schools

Smoking Rooms | Restaurants | Loading Docks | Fire Stations



AQC-12 120 VAC

AQC-21 12-24 VAC or VDC

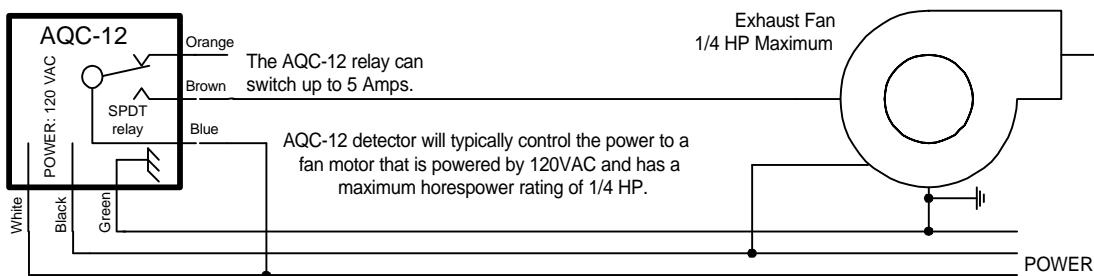
- Detects cigarette smoke, VOCs and many other gases.
- UPON ALARM
 - AQC closes SPDT relay to a control panel or other device.
- Easy installation, unit mounts flush in a standard 4 x 4 electrical box.
- No maintenance required, sensors have a 7 to 10 year life expectancy.
- Detectors have customer adjustable settings for:
 - a) sensitivity of the unit to smoke and gases.
 - b) Time of activation of relay closure.
- LED lights show the status of the detector.
- The AQC-12 and AQC-21 both have supervised sensors and will go into alarm condition if there is an internal failure of the unit.
- Automatic operation; units automatically reset after alarm or power outage.
- General purpose detector for cigarette smoke, diesel fumes, VOCs and other hydrocarbons. Primary use is detection of cigarette smoke in non-smoking areas.

Note: These units are not suitable as smoke alarms, fire alarms or carbon monoxide detectors. For detection of a specific gas please consult Macurco for the proper detector.

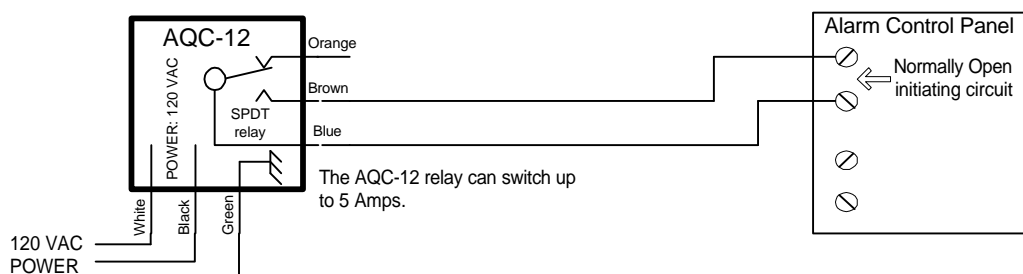
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- **Recommended Coverage:** 900 sq. feet.
 - **All units are 100% Gas Tested**
 - i **Solid-State Sensor:** Maintenance Free

TYPICAL WIRING DIAGRAMS

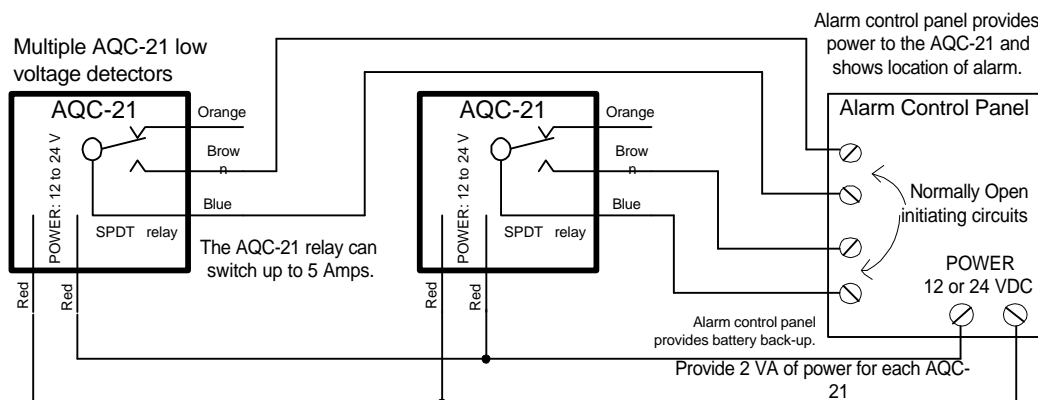
The AQC-12 provides Automatic Fan Control



The AQC-12 will typically be connected to a standard Class A or B alarm control panel, providing a relay closure upon alarm. This system uses the alarm control panel to identify the location of the alarm.



Multiple AQC-21 low voltage detectors



Specifications

	AQC-12	AQC-21
Power:	120 VAC	12-24 VAC or VDC
Size:	4.5 x 4.5 x 1.75 inches	4.5 x 4.5 x 1.75 inches
Mounting Box:	standard 4 x 4 elec. box	standard 4 x 4 elec. box
Relay:	5 amp SPDT @ 120VAC	5 amp SPDT @ 120VAC
Sensitivity:	adjustable	adjustable
Time Adjustment:	1 to 10 minutes	1 to 10 minutes
Maintenance:	none required	none required
Color:	white	white
Shipping Weight:	one pound	one pound