



## USER'S MANUAL FOR THE AERO-352

( for units fitted with output for remote external warning light)

DC Input voltage range : 12 to 30 V DC

### Power Connections to the unit:

Lead # 1 ( RED )                      connected to positive  
Lead # 2 ( BLACK )                    connected to ground

( lead 1 and 2 are for connecting the CO detector unit to the power supply )

Lead # 3 ( GREEN )                    grounding for external / remote light.  
Lead # 4 ( BLUE )                    Connected to the external / remote lamp.

( lead 3 and 4 are for connecting the remote warning light, which is optional )

### Self test sequence:

When you power up the Aero-352, you will notice the following test sequence:

Green light flashes twice in quick succession.  
Then Red flashes twice in quick succession.  
Green light flashes once more and then you get a  
Steady green along with an audible beep from the buzzer.

(The external remote warning light, if connected, will flash once before the above sequence and once after the above sequence and then the external light will remain OFF till there is an alarm or a failure of the unit.)

### CO LEVELS AT WHICH ALARM IS TRIGGERED:

CO level in PPM	Alarm activated after:
50 - 70	10 minutes
70-150	05 minutes
200	03 minutes
300	01 minutes
>400	Instantly

### ALARM CYCLE :

When the unit detects CO, the following alarm cycle is activated:

You will see 4 flashes of red light ( each flash accompanied by an audible beep ).

Then there will be gap of 4 seconds, when there will be no light or beep.

Then again you will see 4 flashes of red light, each accompanied by a short audible beep. This will again be followed by a gap of 4 seconds, when there will be no light or beep.

This cycle continues till the CO level comes down below acceptable levels.

UNIT FAILURE INDICATION:

( These indications will occur if there is a malfunction / failure inside the CO detector of any of the following :

CO Sensor or  
temperature sensor or  
micro controller):

- Short audible beep, once after every 30 seconds.
- Red LED will flash once in 4 seconds.
- Remote light, if connected, will light up once in 4 seconds.

Technical Specifications:

Power supply: 12 - 30 V DC  
Power consumption: 1 W  
Fuse: Use GMI type, fast acting fuse 2A 250V  
Temperature range: 30 F to 120 F  
Humidity range: 10-90% RH  
Sensor calibration: Each unit calibrated at 100 PPM and 500PPM

Please Note:

We have tried our best to give you a product of high quality and reliability. If there is any problem with the unit please give us a call at 520-889-6327 and we will be more than happy to assist you .

While calling us, please have the invoice # and unit sl # handy so that we can provide you with immediate assistance.

LIMITED WARRANTY

Unit comes with a 1 year limited warranty.  
The warranty will be void if the unit is opened or tampered with.

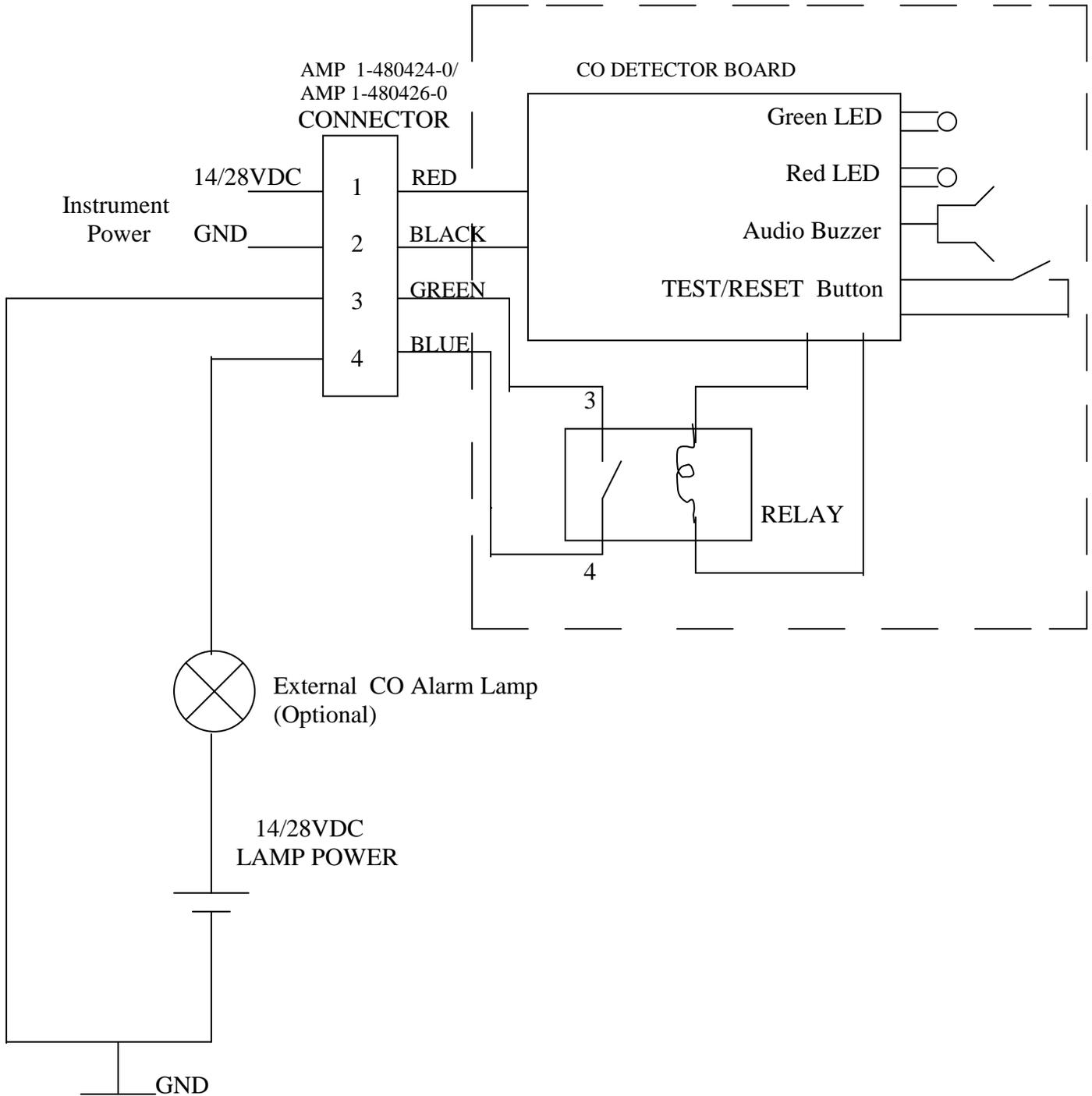
**For Warranty Service:**

In case you experience any problems with the unit, you may contact our customer service department at 1-800-639-7139 for assistance. Even if you have purchased the unit from one of our distributors, you can contact us directly at the following address for technical support or in case you have any problems with your unit:

CO Guardian LLC.  
1951 East Airport Drive  
Tucson, AZ 85706  
Tel 520-889-6327; Fax 520-889-8249; Email support@coguardian.com

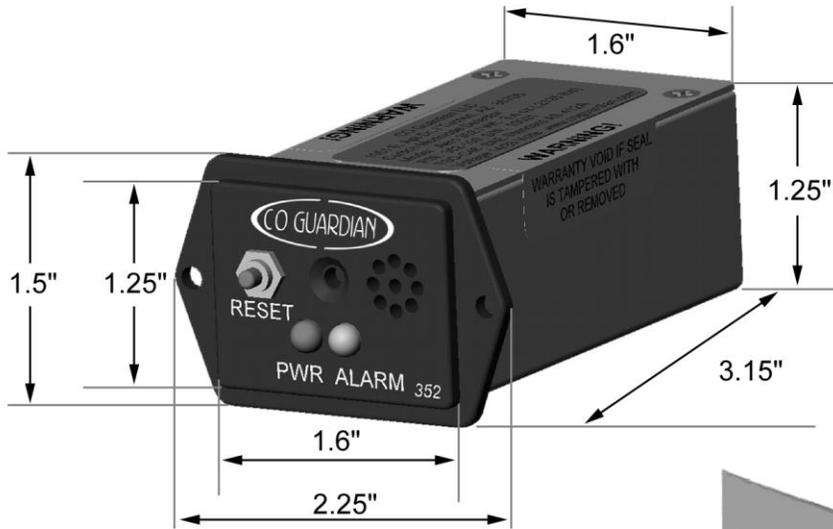


CO DETECTOR - 352

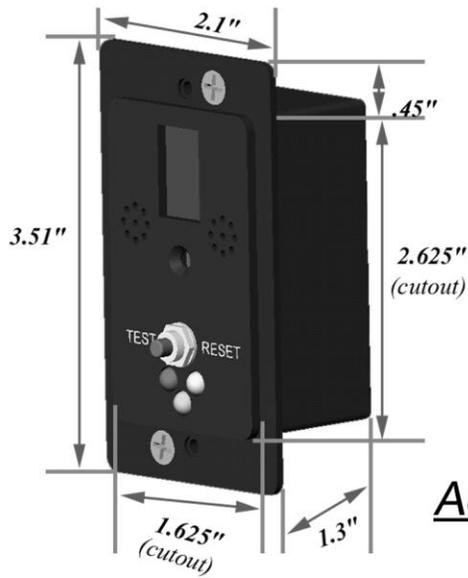
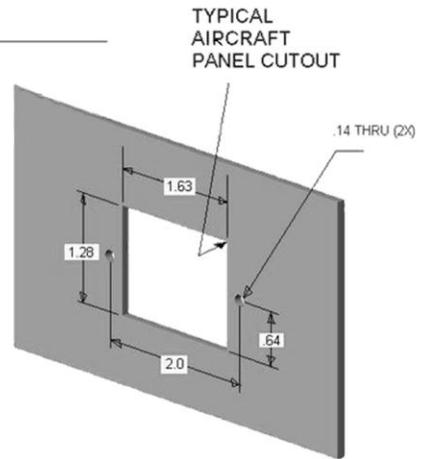




CARBON MONOXIDE DETECTOR  
"Safest way to catch a killer"



Aero-352



Aero-252F

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