

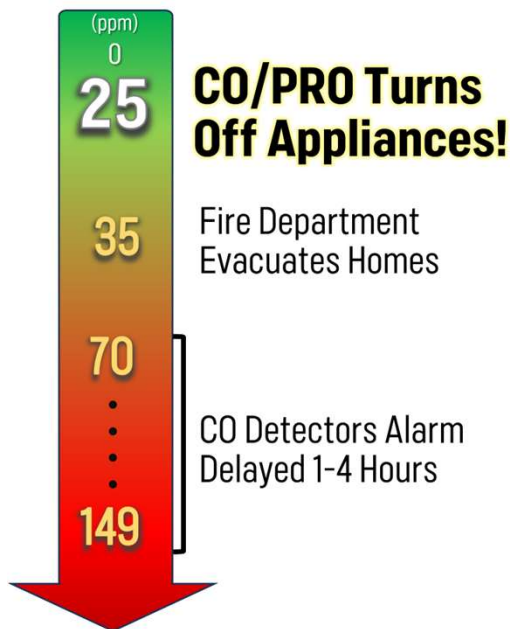
# CO/PRO® 3DA1 CARBON MONOXIDE (CO) SHUTOFF SWITCH

## CO/PRO KEY FEATURES:

- **HVAC Focused**—For new and existing furnaces and water heaters
- **Dual-Zone**—Monitors CO levels in the supply duct and ambient air near exhaust pipes
- **Standards**—Dual UL-2075 Sensor
- **Intelligent Power Control**—Automatically shuts down appliances with CO is detected
- **Daily Self Test**—Verifies sensors daily for reliable performance
- **Long Sensor Life**—Up to 10-years
- **Informative**—Audible and Visual Alarm Indicators
- **Fast Installation**— Installs in 15-20 minutes using 24 VAC
- **Protected**—Multi-patented Operation
- **Reliable**—1 year warranty (2 when registered)
- **Made in the USA**—using imported parts!



## SMARTER PROTECTION FOR GREATER PEACE OF MIND



The **CO/PRO®** from Respiro isn't just another carbon monoxide (CO) alarm—it's a smart **shutoff switch** designed for furnaces and water heaters that turns them off when CO is detected—**immediately stopping the production of CO at the source!**

Each year, over **100,000** people visit emergency rooms, and **400** lives are lost to CO poisoning. Traditional CO detectors, usually placed in central areas in homes, alert occupants **after the CO has spread** from the CO source to the detector. A CO detector's first alarm occurs at **70 ppm** and alarms from 70-149 ppm are delayed 1-4 hours.

Equipped with two UL-2075 certified sensors, the **CO/PRO®** is **two CO monitors in one**: 1) a duct-mounted CO monitor that measures CO levels in the furnace supply air, and 2) an ambient air monitor that watches for CO from the exhaust systems. When either sensor detects just 25 ppm, the **CO/PRO®** automatically turns off the appliance(s). When CO levels decrease to 15 ppm, the it reapplies power to the appliances. Plus, the **CO/PRO®** automatically performs a daily self test on the sensors.

The result is a smarter, proactive safeguard that delivers peace of mind for you and your family—even when you're not home.

When it comes to CO safety, **Don't just detect... PROtect!™**

**Respiro**

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**307-381-7000**

**[www.Respiro-USA.com](http://www.Respiro-USA.com)**  
**[ContactUs@Respiro-USA.com](mailto:ContactUs@Respiro-USA.com)**

# INTERFACE



# SPECIFICATIONS

**Dimensions:** 3.5 in(89mm) W x 6.3 in (160mm) H x 9.7 in (246mm) D

**Mounting Location:** Supply duct, 6ft from the duct bend/source

**Power:** 20–30 VAC, < 5 Watts

**Relays:** Two Dry SPDT-NC (Form B) 5A at 24 VAC

**CO Alarm Activation Level:** 25 ppm

**CO Relay Reset Level:** 15 ppm

**CO Sensor/Display Range:** 0 - 99 ppm

**Response time:** < 90 seconds from 10% to 90% of range

**Accuracy:** + 5 ppm @ 0-25 ppm, + 10 ppm @ 26-100 ppm

**Operational Temperature:** (20 to 70°C)

**Storage Temperature:** (-20 to 70°C)

**Relative Humidity:** (5-99%, non-condensing)

**Case:** Polycarbonate UL94 V0

\* Specifications are subject to change. Contact Respiro for the latest specifications.

\*\* Appliances shown are not included.



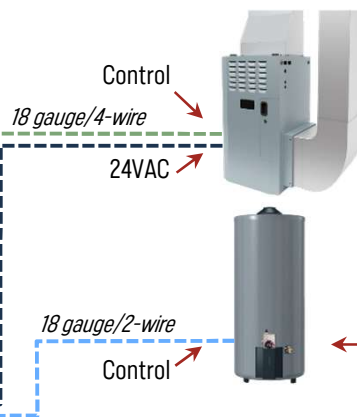
# CONNECTIVITY



**Single Family**



**Multi-Family**



**Furnaces**  
Single, Dual, and Variable Stage

**Water Heaters (Tank)**  
Manual Pilot, Electronic Ignition



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