

HY-320 Hydrogen Exhaust Package

PRODUCT INFORMATION

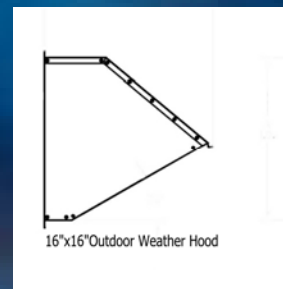
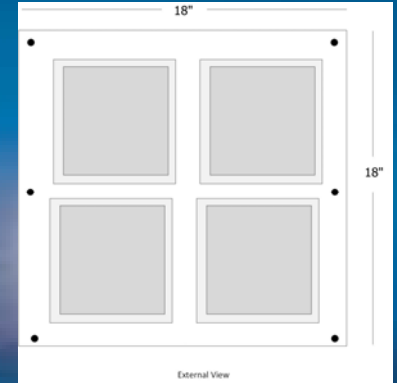
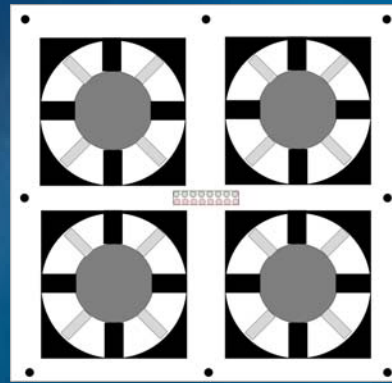
- Hydrogen gas forced venting system designed for Telecommunication and Data centers.
- Macurco GD-6 Gas Detector.
- Operating Environment: -15°F to 125° F (-18°C to 52°C), 10 to 90% RH
- 16 Gauge mounting plate
- 16" by 16" Supply air damper
- Outside Weather Hoods

Kit Includes:

- 1—Macurco GD-6 monitor
- 1—16" x 16" Supply air Barometric damper
- Exhaust fan package with mounting plate, 4 exhaust fans.
- 2—16" x 16" Inside Wall Registers
- 2—16" x 16" x 6" Wall sleeves
- 2—16" x 16" Outdoor weather hoods

SPECIFICATIONS

- Can be ordered in 12-24 vac, 24-55 vdc or 120 volt configuration
- Two year warranty
- 16" x 16" Wall opening required
- Monitors Methane (NG), Propane (LP) or Hydrogen (H2).
- 4.8 amps (1.2 amps each), 4600 RPM
- Alarm relay: 0.5A 120 V, 60 VA
- 1228 CFM (307 CFM, 8.69 m3/min each)



MACURCO GD 6

Output fan and alarm relays
 The GD-6 is a versatile, easy-to-use device that allows you to select between methane, propane or hydrogen gas detection. Combustible gas detectors will respond to a wide range of hydrocarbons, including aerosol sprays, cleaning solvents, paint thinner and other common volatile organic compounds. This low voltage detector provides automatic feedback and fan or valve control that can help reduce combustible gas concentrations in parking garages, battery rooms, maintenance facilities, and other locations that require combustible gas detection.

FEATURES

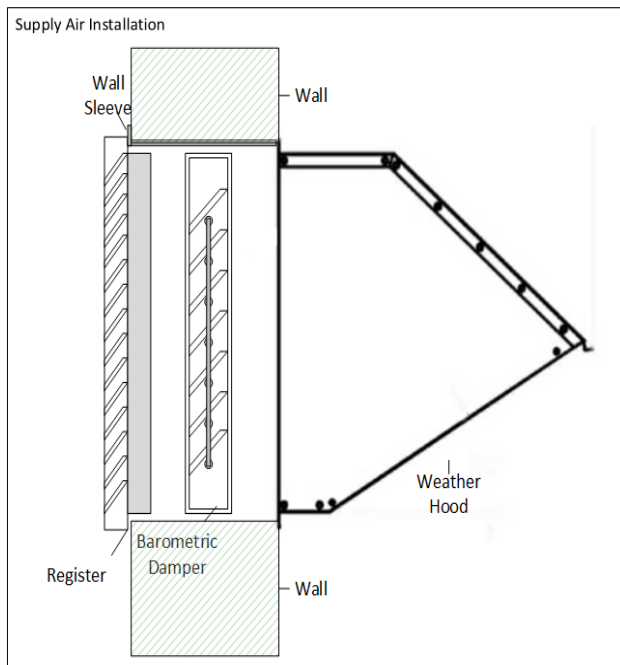
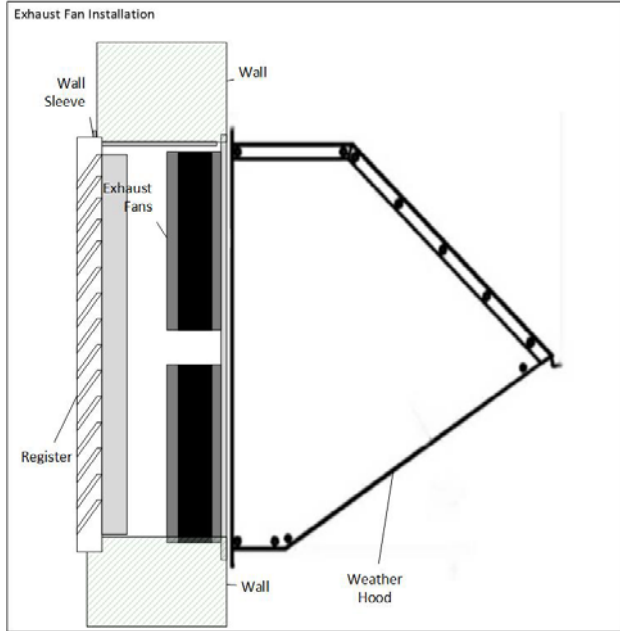
- Multi Volt Configurations
- Barometric Supply Damper
- Output fan and alarm relays
- Interior White Registers

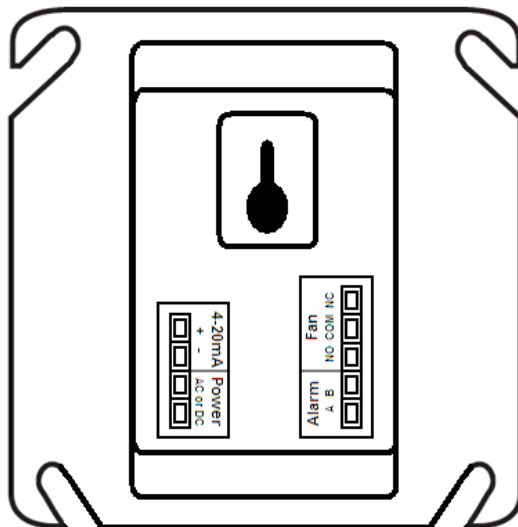
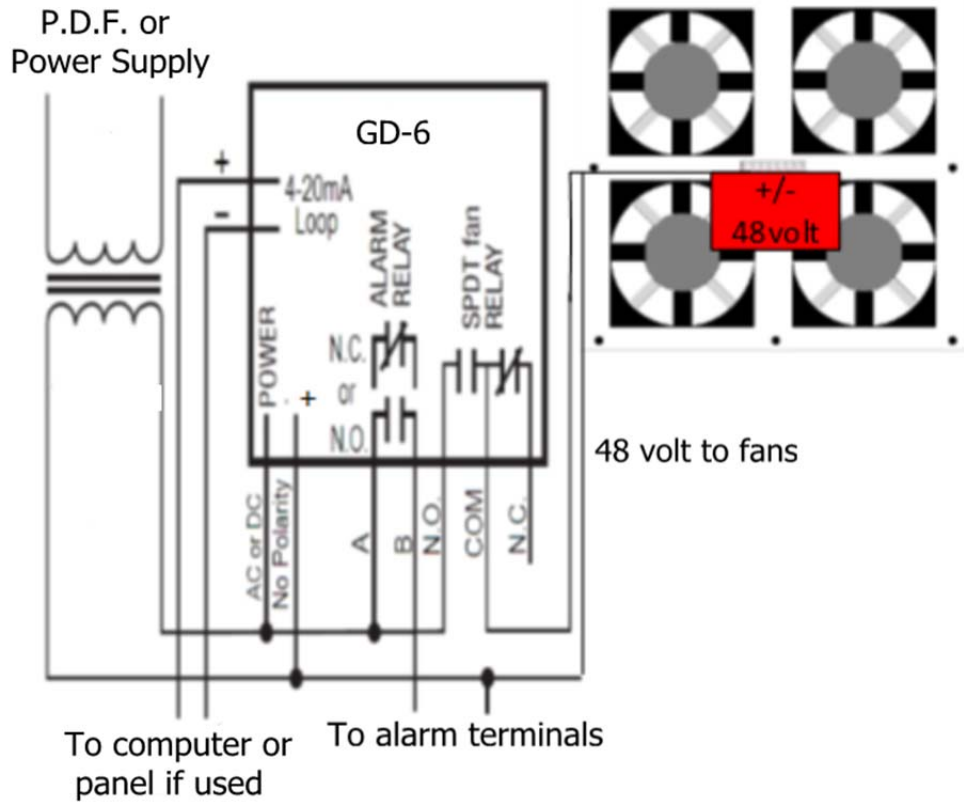
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HY-320 Exhaust & Supply Installation

- Exhaust and supply openings need to be a minimum of 10' apart.
- Wall openings need to be 16"x16".
- GD-6 Hydrogen detector should be mounted next to battery pack.
- Seal openings with UL approved fire caulk.







HY-320 48 volt Exhaust Fan Specifications

Exhaust Fans HY-320	
Standard Kit	4 Fans
Category	Fans Thermal
Fan Type	DC Fans
Series	HY-320
Voltage - Rated	48VDC
Size / Dimension	Rectangular/Rounded - 172mm L x 150mm H x 50.8mm W
Air Flow	307.0 CFM (8.69m ³ /min) each 1228 CFM Total
Static Pressure	1.600 in H ₂ O (398.6 Pa)
Bearing Type	Ball
Fan Type	Tubeaxial
Features	-
Noise	67 dB
Power (Watts)	-
RPM	4600 RPM
Termination	2 Wire Leads
Ingress Protection	-
Weight	-
Operating Temperature	14 ~ 158°F (-10 ~ 70°C)
Current Rating	1.2A each 4.8A Total
Voltage Range	24 ~ 55VDC
Life Expectancy	65000 hrs @ 45°C
Material - Frame	Aluminum
Material - Blade	Polybutylene Terephthalate (PBT), Fiberglass Reinforced