EAGLE EYE
POWER SOLUTIONS

VS-12 Hydrogen Gas Exhaust Fan

Model # VS-12

VS-12 Louvers and Sliding Collar

Product Overview

The VS-12 exhaust fan is designed to work with hydrogen gas detectors to protect battery charging rooms and other locations where motive and stationary batteries are present. The VS-12 can also be used where there is a possibility of other flammable or toxic gases accumulating in confined spaces.

VS-12 fans feature a sliding collar for easy installation in walls 1 1/2" to 10" in thickness. Fixed external rain louvers and motor driven internal dampers provide weather resistant venting. Energy costs decrease as a result of controlled exhaust fan operation rather than continuous fan operation.

Three models are available: 120 VAC, and 24 or 48 VDC. Optionally the VS-12 is available with the fan reversed for use as forced make-up air for the main vent fan.

Features

- 850 CFM wall mounted fan
- Compliant with NEC 501, Class I Division II Group B
- Powered dampers
- Designed for use with explosive or toxic gas detectors, including the Eagle Eye HGD-Series
- LED status display
- Motorized dampers locked when open or closed
- Simple installation with sliding collar to fit different wall thicknesses
- Long operating life
- Available in 120 VAC and 24 or 48 VDC versions
- Insurance premium reduction may be realized
- UL Listed

VS-12 Fan

Technical Specifications

Mounting Requirements	Opening: 311 x 311 mm (12.25 x 12.25 in.) Wall thickness: 38 to 254 mm (1.5 to 10 in.)
Dimensions	L x W x H: 241 x 305 x 305 mm (9.5 x 12 x 12 in.)
Power Requirements	110 AC, .67A (80W) 24 VDC, 3.5A 48 VDC, 1.7A
Airflow	850 CFM
Optional	Reversed fan for use as forced air

Compatible with **Eagle Eye HGD-Series** hydrogen gas detectors *(HGD-5000 shown)*

Ordering Information

Model No.	Description
VS-12-110AC	12" Hydrogen Gas Exhaust Fan, 110 VAC Input
VS-12-24DC	12" Hydrogen Gas Exhaust Fan, 24 VDC Input
VS-12-48DC	12" Hydrogen Gas Exhaust Fan, 48 VDC Input
HGD-Series	Hydrogen Gas, Smoke, and Intrusion Detectors