



SALES SHEET | PRODUCT HIGHLIGHT

SMOKE VENTILATOR

BELT DRIVE - SERIES 69H

The Series 69H is designed for continuous operation at 500°F exhaust air temperature, with ambient air drawn through a belt tube to cool the belts and bearings. An increasing number of insurance companies, local code bodies, and business and building owners are requiring these designated purpose ventilators to be installed, both in existing buildings and new structures.

THE BOLD DIFFERENCE:

BUILT LIKE A TANK

- Designed for a minimum of four hours of operation at 500° F
- Heavy gage curb panel and housings
- All welded construction, including the propellers

HIGH END DESIGN

- Stack cap lids open automatically when the unit is operating and close weather tight when the fan stops
- Propeller blades include root reinforcements to withstand stress at high temperatures
- Performance tested in an AMCA Accredited laboratory

NO HASSLE MAINTENANCE

- Belts are tensioned using a riser bolt configuration
- Lubrication lines are extended through the belt tube for easy accessibility
- Lifting lugs included in the curb panel

CLAIMS COMPETITORS CANNOT MAKE:

Completely assembled, ready to install on the roof curb

AMCA Certified for Sound and Air Performance

GOOD ENOUGH NEVER IS™

At Hartzell, these are words we live by. You expect the most reliable and durable industrial air movement products available, so we hold ourselves to a higher standard.

Made in the USA

SPECIFICATIONS:

Size	18" - 60"
Material	Steel, 304SS, 316SS, Aluminum
Pressure Range	0 - 1.5" sp

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Markets

The Hartzell Smoke Ventilator is designed for a wide range of industry applications:



Chemical



Energy



Food Processing



Heavy Industry



Pulp and Paper

FEATURES

Welded Steel Propeller — Three bladed design with split taper bushing for easy removal from shaft.

Belt Drive Arrangement — Motor is mounted exterior to the fan housing. Belts, bearings, pulleys and shaft are enclosed and protected from the air stream. The drive assembly is located on the negative pressure side of the propeller; fan design provides for the draft of ambient air from outside the ventilator in and over the belts and bearings.

Belts — Are heat resistant per I.R.I. standards. Drives feature two belts minimum.

Disconnect Switch — Non-fused, rain tight, NEMA 3R enclosure mounted on the curb panel and wired to the fan motor provides safety during maintenance.

Bearings — Regreasable roller bearing type, supplied with high temperature grease, designed for minimum four hours at 500° F. Copper bearing lubrication tubes are extended from the bearings through the belt tube to the exterior of the fan housing, for ease of maintenance.

Heat Slinger — Reduces heat conduction from the propeller to the shaft and helps draw air through the belt and bearing tube.

Fusible Link — Spring operated, positive lid opener. When the temperature through the smoke vent exceeds 165°F, the fusible link allows the spring operated lid opener to lock the stack cap lids in the upright, open position. Provides gravity ventilation in case electricity to the power ventilator is interrupted.



Performance Guarantee

You have high expectations. So does Hartzell Air Movement. We know you demand the most reliable and durable industrial air movement products available, so we're holding ourselves to a higher standard. We're so sure that our products will out-perform industry standards, we're backing that promise with the industry's first five-year warranty.

Design Services

Hartzell offers designs and engineering support to custom design products to meet your specific applications.

Contact your Hartzell Air Movement representative to learn more about the Smoke Ventilator

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