

H8460 Series Trim Blowers



FEATURES

- High efficiency turbo blower.
- Totally enclosed fan cooled motors (TEFC 220-460/3/60, 3600 rpm).
- Rugged construction, cast aluminum housing, and heavy gauge fabricated steel base.
- Strong lightweight aluminum impeller, precision fabricated and dynamically balanced for low bearing impact and vibration.
- Quiet operation--rigid construction and smooth interior contours reduce noise.
- An air intake throttling valve to regulate the blower output.

In addition to web guiding and width measurement solutions, Fives North American Combustion, Inc. offers the H8460 series Trim Blowers. The H8460 is specifically designed for efficient and reliable collecting and conveying of waste materials in ribbon-like form.

The venturi-based trim blower is a good solution for continuous trim removal where quality and durability are required. Fives North American engineered the trim blowers to have all waste material pass through a venturi ejector, not the blower. The H8460 possesses a rugged construction with a compact footprint to reduce the physical floor space required for installation.

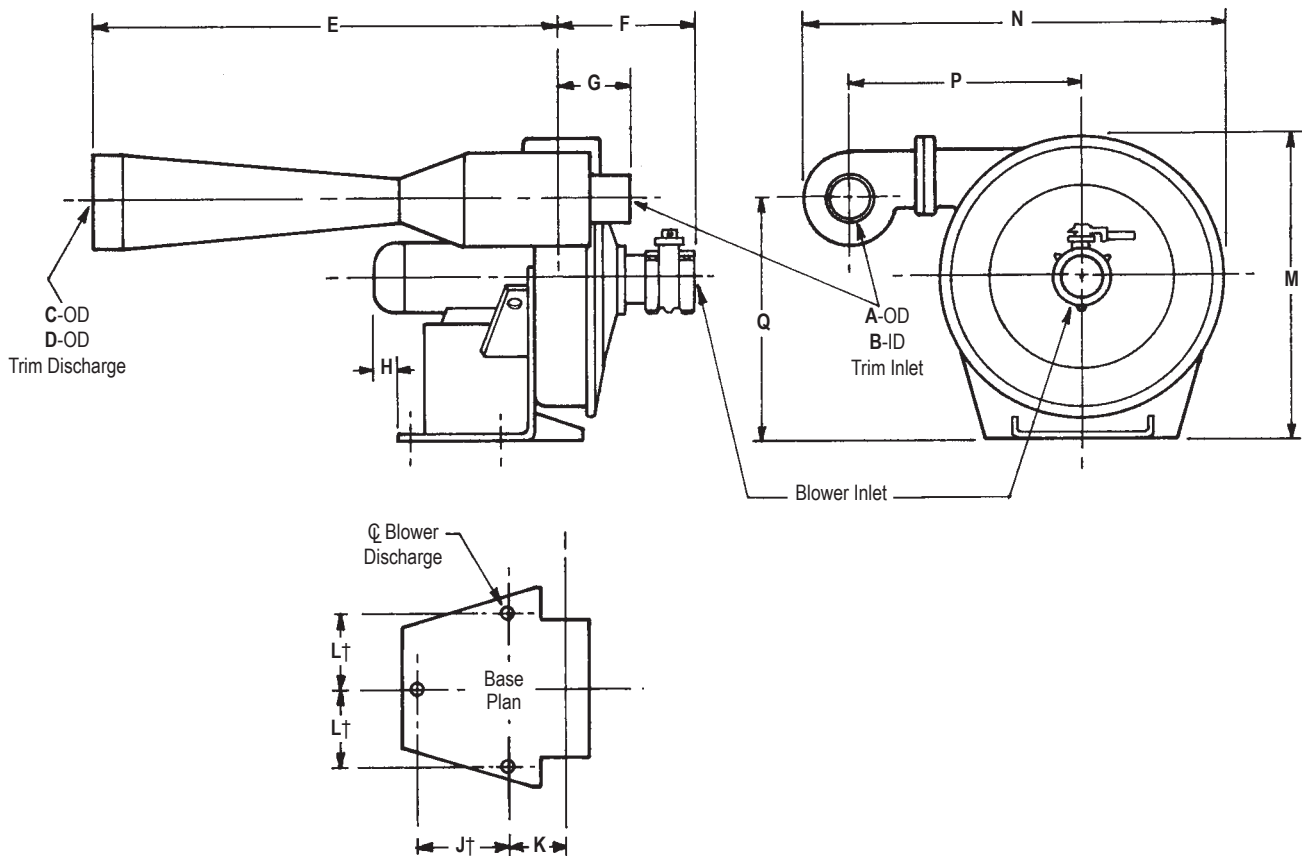
SPECIFICATIONS

Model	H8460-V-T "3-6"	H8461-V-T "4-8"	H8462-V-T "3-6"
Blower horsepower	2 hp	7.5 hp	7.5 hp
Voltage	220-440/3/60	220-440/3/60	220-440/3/60
Venturi inlet size	3" OD	4" OD	3" OD
Venturi outlet size	6" OD	8" OD	6" OD
Maximum trim width	3"	4"	3"
Maximum line speed	1200 fpm	1200 fpm	Exceeding 1200 fpm
Collecting "Y" connection size	3" OD	4" OD	3" OD
Sound level	<80 dB (A) ±	<90 dB (A) ±	<90 dB (A) ±

Note: An additional decrease of 6 to 7 dB (A) can be attained by installing a blower silencer.

DIMENSIONS

inches (mm)



Designation	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	Wt, lb
H8460-V-T	3	2 ⁷ / ₈	6	5 ⁷ / ₈	33 ¹ / ₄	9 ⁹ / ₁₆	4 ³ / ₄	—	6	4	5 ¹ / ₂	22 ¹³ / ₁₆	22 ¹ / ₁₆	15 ¹ / ₂	19 ⁵ / ₁₆	125
H8461-V-T	4	3 ⁷ / ₈	8	7 ¹ / ₈	43 ¹ / ₄	11 ¹¹ / ₁₆	9 ⁵ / ₈	1	5 ¹ / ₄	5 ⁷ / ₁₆	7	31	39 ³ / ₄	21	26 ⁷ / ₁₆	290
H8462-V-T	3	2 ⁷ / ₈	6	5 ⁷ / ₈	33 ¹ / ₄	9 ⁹ / ₁₆	4 ³ / ₄	1	5 ¹ / ₄	5 ⁷ / ₁₆	7	31	35	17	26 ⁷ / ₁₆	260

† ±¹/₁₆"

Note: Blower discharge and ejector each can be indexed to any of four different positions in the field. Sixteen possible combinations for maximum installation flexibility.

DIMENSIONS SHOWN ARE SUBJECT TO CHANGE. PLEASE OBTAIN CERTIFIED PRINTS FROM FIVES NORTH AMERICAN COMBUSTION, INC. IF SPACE LIMITATIONS OR OTHER CONSIDERATIONS MAKE EXACT DIMENSION(S) CRITICAL.

BLOWER MODELS

- H8460-V-T** General purpose trim blower with a 2 hp motor and 3" inlet and 6" outlet venturi. Suitable for most types of cloth, paper, film, and foil materials. Maximum trim width of 3", average transport distances, and maximum line speeds of 1200 ft/min.
- H8461-V-T** Heavy-duty trim blower with a 7.5 hp motor and 4" inlet and 8" outlet venturi. Suitable for heavier materials, trim widths up to 4", and long transport distances. Maximum line speed of 1200 ft/min.
- H8462-V-T** High line speed trim blower with a 7.5 hp motor and 3" inlet and 6" outlet venturi. Suitable for normal weight trim materials with widths up to 3" for high speed slitting lines. Maximum line speed exceeding 1200 ft/min.

ACCESSORIES

Part Number	Description
1-2607-1	3" × 3" × 3" collection Wye fitting
1-2609-1	4" × 4" × 4" collection Wye fitting
2942-10-17AT	2 hp silencer with disposable filter
2942-10-17AW	2 hp silencer with reusable/washable filter
2942-14-26AT	7.5 hp silencer with disposable filter
2942-14-26AW	7.5 hp silencer with reusable/washable filter
R320-3790/12.5	12.5 feet interlocked flexible metal hose 3" diameter
R320-3790/25	25 feet interlocked flexible metal hose 3" diameter
R320-3890/12.5	12.5 feet interlocked flexible metal hose 4" diameter
R320-3890/25	25 feet interlocked flexible metal hose 4" diameter
R915-0026T	6" diameter 90 degree elbow with 15" radius - Teflon coated
R915-0256	6" diameter 90 degree elbow with 48" radius
R915-0258	8" diameter 90 degree elbow with 48" radius
R915-0106	6" slip couplings
R915-0108	8" slip couplings

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- **Application Experience**
- **System Engineering**
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