

NSGV DIRECT DRIVE BLOWER

TYPE "AF" CAST ALUMINUM CONSTRUCTION

GENERAL DESCRIPTION: The NSGV AF Direct Drive Blowers have a cast aluminum housing and cast aluminum impeller construction. A Radial Blade open-design impeller is alloyed with magnesium for greater strength and durability. The blower is rated as an AMCA Type B Spark-Resistant Construction. Additional features include a split housing for ease of maintenance with inlet and outlet diameters to fit standard spiral duct sizes, an assortment of wheel sizes to pin-point your performance requirement, impeller wheels that are both statically and dynamically balanced, rustproof capabilities, and multiple outlet arrangement availability.

TECHNICAL CHARACTERISTICS:

Performance range: 600 cfm up to 2800 cfm @ 10.0" W.G.
Housing Construction: Commercial Grade 319 Cast Aluminum, 3/16" thick minimum.
Wheel Type and Construction: Cast Aluminum Radial Blade, open-design, statically and dynamically balanced.
Motor: Industrial heavy-duty hi-efficiency continuous duty T-frame with TEFC enclosure as the standard.

ACCESSORIES AVAILABLE:

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| 1. Drive Cover | 6. AMCA Type B or C spark-proof construction |
| 2. Vibration Isolators | 7. Explosion-Proof motor |
| 3. Mounting Platform | 8. Heat Slinger |
| 4. Backdraft damper | 9. Drain in blower housing |
| 5. Shaft Seal | 10. Flexible connections for inlet/outlet |

SUGGESTED SPECIFICATION

The blower shall be a direct-drive centrifugal type, high pressure, single width, single inlet as required or indicated. The blower housing shall be manufactured of commercial grade 319-cast aluminum having a minimum wall thickness of 3/16". Impellers shall be cast aluminum to prevent static electricity build-up and therefore making the blower AMCA Type B Spark-Resistant Construction. Fan impellers shall be of a radial design for high static pressure performance. The impeller shall be accurately balanced both statically and dynamically by means of material removal only, no balancing weights are to be used. The blower shall be the non-overloading type to provide maximum efficiency while achieving quiet, vibration free operation. Delivered air volume and motor horsepower shall be as shown on the blower schedule.

The blower motor shall be mounted on an industrial coated steel frame, and shall be able to be used to mount the entire blower assembly to either a wall / hanging platform or roof structure.

Standard AMCA arrangements shall be provided unless otherwise indicated. Blower rotation and discharge shall be indicated. Fans shall be totally free of objectionable vibration and noise.

(Insert accessories here)

The direct drive blower shall be a standard product as provided by National System of Garage Ventilation (NSGV) in Decatur, IL or approved equal.

<p>National System of Garage Ventilation 714 N. Church St. / P.O. Box 1186 Decatur, IL 62525 (217)423-7314 / (800)728-8368 / (fax)(217)422-5387 NSGV.com JMDILLIGAF@aol.com</p>
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