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engineered
to perform

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built for
extreme heat

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built for high
static pressure

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VIDK Series High Temperature Direct Drive Exhaust Fans

Engineered for performance in high heat and high static pressure

Triangle Engineering's VIDK Series high-temperature direct drive exhaust fans are built for continuous duty in demanding environments, including industrial facilities, data centers, and crypto mining operations. Each unit delivers powerful, high-volume ventilation while withstanding ambient temperatures up to 55°C (131°F). Designed, engineered, and built in the USA, VIDK fans combine proven performance with durable construction and plug-and-play simplicity, arriving fully assembled and factory-tested for rapid installation.

Key Features

- **High-Temperature Operation:** Rated for 55°C ambient environments.
- **Direct Drive Power:** 5 HP, 1160 RPM ODP motor eliminates belts and pulleys, reducing maintenance and maximizing efficiency.
- **VFD Compatible:** Inverter-ready motor with shaft-grounding brushes ensures smooth, reliable operation.
- **PAG Airfoil Propeller:** Delivers quiet, efficient airflow with balanced performance up to 3/4" static pressure.
- **Rugged Construction:** Heavy-gauge galvanized wall housing and powder-coated rolled venturi resist corrosion and improve airflow.
- **Ease of Installation:** Ships fully assembled with intake guard and exhaust shutter for a clean, ready-to-mount package.
- **Made in the USA:** Designed, engineered, and built at our Jacksonville, Arkansas facility.

Applications



**Containerized mining setups
(double-stack ready)**



**Industrial process and
equipment exhaust**



**High-temperature
manufacturing or
warehouse ventilation**



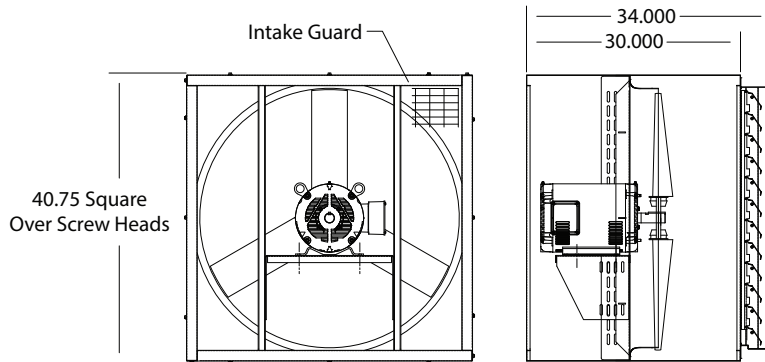
**Data center and crypto
mining cooling systems**

Technical Specifications

Model: VIDK3619-X-MW-HT



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Diameter: 36"

Horsepower: 5 HP

Speed: 1160 RPM

Motor Type: ODP

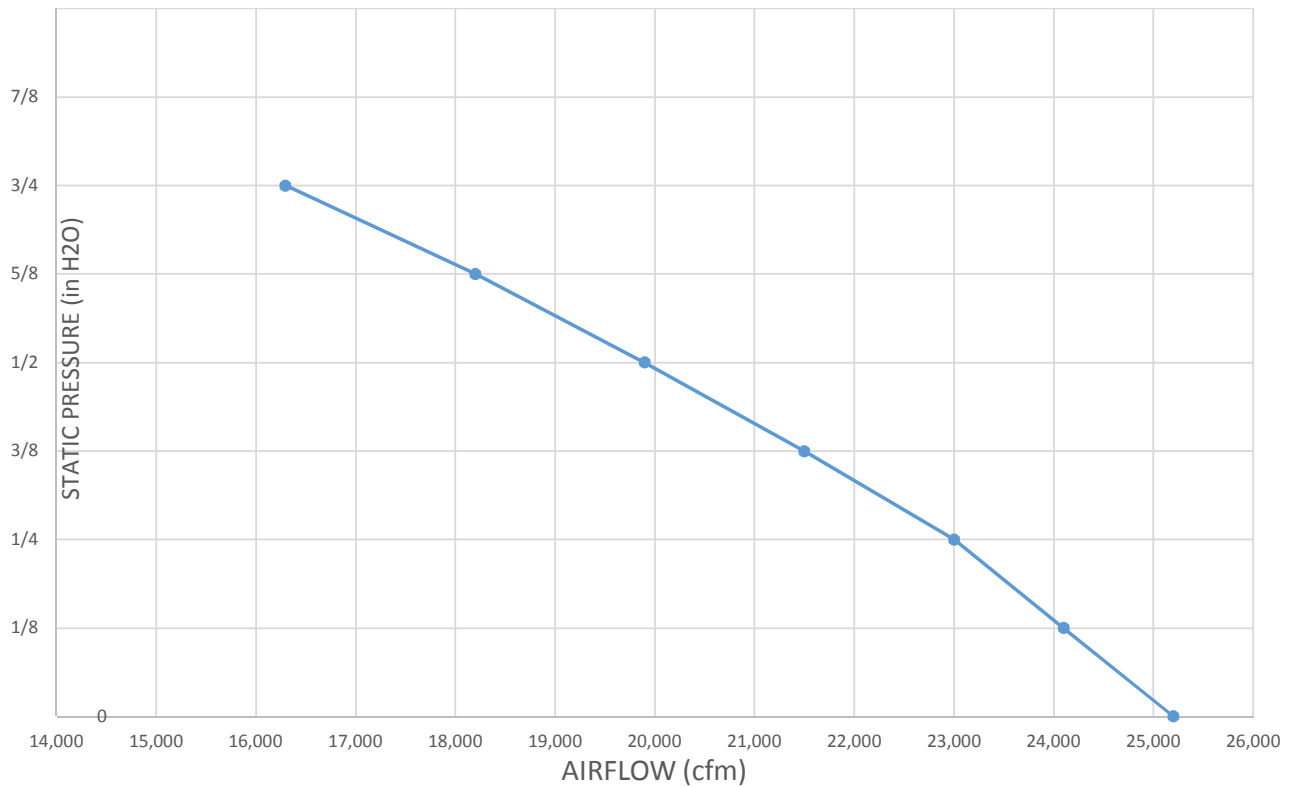
Voltage: 230/460 V 3-Phase

Drive: Direct Drive

Ambient Rating: 55 Degree Celsius

Static Pressure Capability: Up to 3/4" in H₂O

Performance Data



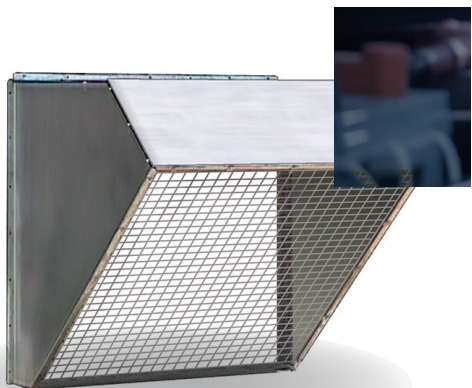
Static Pressure (in H ₂ O)	0	1/8	1/4	3/8	1/2	5/8	3/4
Airflow (CFM)	25,200	24,100	23,000	21,500	19,900	18,200	16,300

Construction

- Heavy-gauge galvanized wall housing with polyester powder-coated rolled venturi
- Precision-balanced PAG airfoil propeller
- High-temperature inverter-ready motor with shaft-grounding brushes
- Factory-installed intake guard and aluminum exhaust shutter
- Fully assembled and factory-tested for quality assurance



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Available Crypto Mining Accessories

Fixed Louvers

Regulate airflow and minimize backdraft.

Rain Hoods

Protect fan assemblies from rain and debris.

Intake Dampers

Maintain building pressure and prevent reverse airflow when idle.

Built for performance. Backed by experience.

For over 70 years, Triangle Engineering has supplied industrial-grade ventilation systems designed to perform in the toughest conditions. Each VIDK fan represents decades of American manufacturing expertise, built to last, easy to install, and supported by a team that stands behind every unit.

**Call for FREE Crypto Mining
Advice and Factory Direct Pricing**

1-888-849-1233

**Factory Fans Direct
Crypto Mining Experts**

Mike@FactoryFansDirect.com
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