Roof Mounted Fans and Gravity Ventilators

Greenheck offers the world's widest selection of top quality fans and ventilators for commercial, institutional and industrial buildings. This selection offers you a vast variety of products to ensure you can always find the right fan to meet your precise performance requirements. Discover the value of a Greenheck fan with the world's best-selling centrifugal roof upblast and, sidewall exhaust fans with one-piece, leakproof construction. Take advantage of our reputation for quality and reliability by experiencing one of our many Greenheck fan and ventilator products.

Centrifugal Roof Exhaust Fans

The centrifugal roof exhaust fans include both direct and belt-driven fans with backward-inclined centrifugal wheels. The fans feature double-studded isolators for true vibration isolation. The fans are a downblast configuration and are suitable for roof mounted applications exhausting relatively clean air.

Models G/GB

Models G/GB feature a spun aluminum housing design. The Vari-Green® high-efficiency motor is available on model G direct drive fans. Capacities range from 50 to 45,000 cfm (85 to 76,455 m^3/hr) and 3.25 in. wg (806 Pa). Third-party certified (Florida Product Approved and Miami-Dade County Qualified) for high wind and AMCA Licensed for Sound and Air Performance. IBC and OSHPD seismic certified. Select models with CE Mark.

Catalog: *Centrifugal Roof Downblast Exhaust Fans — G and GB*

Models LD/LB

Models LD/LB feature a low silhouette housing design with "rib-lock" construction. The Vari-Green® high-efficiency motor is available on model LD direct drive fans. Capacities range from 100 to 37,500 cfm (170 to 63,713 m^3/hr) and 2 in. wg (496 Pa). AMCA Licensed for Sound and Air Performance.

Catalog: *Centrifugal Roof Exhaust Fans — Series L (LD/LB)*

Models LDP/LBP

Models LDP/LBP feature an extruded aluminum louvered penthouse housing design (severe duty louvered enclosure). The Vari-Green® high-efficiency motor is available on model LDP direct drive fans. Capacities range from 100 to 37,500 cfm (170 to 63,713 m^3/hr) and 2 in. wg (496 Pa). Third-party certified (Florida Product Approved and Miami-Dade County Qualified) for high wind and AMCA Licensed for Sound and Air Performance.

Catalog: *Centrifugal Roof Exhaust Fans — Series L (LDP/LBP)*

Centrifugal Upblast and Sidewall Exhaust Fans

The centrifugal roof upblast and sidewall exhaust fans include both direct and belt-driven fans with backward-inclined centrifugal wheels. The motors on the fans are out of the airstream. The fans are suitable for applications ranging from storage rooms and fume hood exhaust, to kitchen grease exhaust and smoke control.

Models CUE/CUBE - Roof Mounted
Models CW/CWB - Sidewall Mounted

Model CUE/CUBE spun aluminum fans are specifically designed for roof mounted applications. The fans feature a one piece windband continuously welded to the curb cap and double-studded isolators for true vibration isolation. Models CW/CWB are designed for sidewall mounted applications. Contaminated or grease-laden exhaust air is discharged directly upward, away from the roof surface or discharged out and away from building walls. The Vari-Green® high-efficiency motor is available on model CUE and CW direct drive fans. Capacities range from 70 to 30,000 cfm (119 to 50,970 m^3/hr) and 5 in. wg (1,240 Pa). Third-party certified (Florida Product Approved and Miami-Dade County Qualified) for high wind and AMCA Licensed for Sound and Air Performance. IBC and OSHPD seismic certified. Select models with CE Mark.

Catalog: *Centrifugal Upblast and Sidewall Exhaust — CUE/CUBE, CW/CWB*

Model USGF

Model USGF (Ultimate Steel Grease Fan) is the ideal fan for heavy grease exhaust applications where high amounts of grease are used like charbroilers, solid fuel cooking, and oriental cooking. Constructed of steel, model USGF includes a nonstick coated steel wheel, steel windband, steel curb cap, and steel motor compartment. Standard features include UL 762 Listed, a heat baffle, clean-out port, dual belt and pulley system, and a mounted and wired NEMA-3R disconnect switch. The unit is powder coated for protection. Capacities range from 350 to 7,000 cfm (595 to 11,893 m^3/hr) and 3.25 in. wg (809 Pa). Third-party certified (Florida Product Approved and Miami-Dade County Qualified) for high wind and AMCA Licensed for Sound and Air Performance. IBC and OSHPD seismic certified.

Catalog: *Centrifugal Upblast and Sidewall Exhaust — USGF*

Propeller Tube Axial Fans

For low to medium pressure applications, tube axial fans include both direct and belt-driven fans with cast aluminum or fabricated steel blades. Propeller tube axial inline fans have a straight through airflow, compact size and the flexibility to be mounted in any configuration—horizontal, vertical, or any angle. These fans are designed for reliable air movement in ducted commercial and industrial applications. The roof upblast configuration is designed to discharge contaminants up and away from the building in most applications.

Roof Upblast: Models RDU/RBU/RBUMO

Model RBUMO has its motor mounted out of the airstream and is suitable for high temperature emergency smoke removal (500ºF/260ºC for 4 hours or 1000ºF/538ºC for 15 minutes) and is available with UL Power Ventilators for Smoke Control Systems. The RBU/RBUMO has steel blades, and the RDU has cast aluminum blades. Capacities range from 2,800 to 64,500 cfm (4,757 to 109,586 m^3/hr) and 1 in. wg (248 Pa). AMCA Licensed for Sound and Air Performance. RBUMO is IBC and OSHPD seismic certified.

Catalog: Propeller Upblast Roof Fans — RBU/RBUMO/RDU

Roof Upblast: Model TAUB-L/H

Model TAUB-L/H has its motor mounted out of the airstream and is suitable for high temperature emergency UL smoke removal. Typical applications include clean air, industrial processes, and high temperature exhaust. The TAUB-L/H has steel blades. Capacities range from 4,000 to 66,800 cfm (6,796 to 113,494 m^3/hr) and 1 in. wg (248 Pa). For higher pressure capabilities use roof mounted option on model TBI-FS. AMCA Licensed for Sound and Air Performance.

Catalog: Tube Axial Roof Upblast — TAUB

Roof Upblast: Models TAUD/TAUB-CA

Models TAUD/TAUB-CA have cast aluminum blades. Typical applications include clean air, fume exhaust, and spark resistant construction. Capacities range from 2,400 to 74,000 cfm (4,078 to 125,727 m^3/hr) and 1.25 in. wg (310 Pa). For higher pressure capabilities use roof mounted option on models TDI/TBI-CA or AX. AMCA Licensed for Air Performance.

Catalog: Tube Axial Roof Upblast — TAUD and TAUB-CA

Centrifugal Supply Fans

The centrifugal roof supply fans include filtered and non-filtered belt-driven units. These fans are suitable for non-tempered kitchen make-up air or building supply air.

Model SAF

Model SAF filtered roof supply fan features a belt-driven, double-width, forward-curved, galvanized blower for low-cost, low sound, and high performance applications. Capacities range from 850 to 14,000 cfm (1,444 to 23,786 m^3/hr) and 3.5 in. wg (868 Pa). AMCA Licensed for Sound and Air Performance.

Catalog: Centrifugal Roof Supply Fan — SAF

Models KSFB and KSFD

Models KSFB and KSFD economically supply untempered make-up air where needed. Kitchen make-up air applications are common and an extended weatherhood option provides a 10 foot separation between intake and exhaust fan discharge. Capacities range from 800 to 10,250 cfm (1,359 to 17,415 m^3/hr) and 2.5 in. wg (622 Pa).

Catalog: Untempered Make-Up Air for Kitchen Systems — KSFB and KSFD

Models RSF/RSFP

Model RSF/RSFP fans feature forward-curved wheels designed for high efficiency and low sound. Housing styles include a straight-sided hood (RSF) or a louvered penthouse which features extruded aluminum louvers (RSFP). Capacities range from 700 to 14,500 cfm (1,189 to 24,636 m3/hr) and 2 in. wg (496 Pa). Third-party certified (Florida Product Approved and Miami-Dade County Qualified) for high wind and AMCA Licensed for Air Performance. IBC and OSHPD seismic certified.

Catalog: Centrifugal Roof Supply Fans — RSF and RSFP

Model LSF

Model LSF features a double-width centrifugal blower with a backward-inclined wheel to efficiently supply filtered air. The aluminum louvered penthouse is available with a standard machine finish or multiple decorative coatings for aesthetics. Capacities range from 800 to 37,000 cfm (1,359 to 62,863 m^3/hr) and 5.5 in. wg (1,364 Pa).

Catalog: Centrifugal Fans — LSF

Hooded Propeller Exhaust and Supply Fans

The hooded roof propeller fans include both direct and belt-driven fans with fabricated steel, fabricated aluminum, or cast aluminum blades. These fans are suitable for clean air applications, including exhaust, supply, or filtered supply. Typical applications are factories and warehouses.

Models R2/RC3/RB/RBC

Model R2/RC3/RB/RBC hooded roof propeller fans are available with a wide variety of accessories including tall bases, dampers and guards. Capacities range from 700 to 86,500 cfm (1,189 to 146,964 m^3/hr) and 1.5 in. wg (372 Pa). Third-party certified (Florida Product Approved and Miami-Dade County Qualified) for high wind and AMCA Licensed for Sound and Air Performance. IBC and OSHPD seismic certified.

Catalog: Hooded Roof Propeller Fans — Exhaust, Supply and Reversible

Models RPDR/RPBR

Models RPDR/RPBR are compatible with ducted and non-ducted systems and offers the ability to exhaust or supply air on demand. Performance is equivalent in both the exhaust and supply modes. Capacities range from 2,000 to 70,500 cfm (3,398 to 119,780 m^3/hr) and 1 in. wg (248 Pa). Third-party certified (Florida Product Approved and Miami-Dade County Qualified) for high wind. IBC and OSHPD seismic certified.

Catalog: Hooded Roof Propeller Fans — Exhaust, Supply and Reversible

Models AE/AS

Model AE/AS axial roof exhaust and supply fans are designed for low volume, low pressure applications where a spun aluminum hood is desired. Capacities range from 150 to 6,000 cfm (255 to 10,194 m^3/hr) and 1.4 in. wg (348 Pa). AMCA Licensed for Sound and Air Performance.

Catalog: Propeller Hooded Roof Fans — Series A (AE/AS)

Recirculating Roof Fans

The propeller recirculating roof fans include direct driven fans with and without filters. These fans have cast aluminum blades and are available with optional control centers. Suitable for clean air applications, such as factories and warehouses.

Models ESRMD/ESRMDF/ERD

Model ESRMD, also called the four-way fan, offers the flexibility to meet changing needs brought on by production processes or seasonal shifts by exhausting, supplying, recirculating, or mixing air as required. Performance is equivalent in all four modes of operation. Capacities range from 2,800 to 43,000 cfm (4,757 to 73,057 m^3/hr) and 0.375 in. wg (93 Pa).

Catalog: *Recirculating Roof Fans — ESRMD, ESRMDF and ERD*

Gravity Ventilators

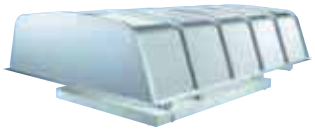
The gravity intake and relief ventilators are non-powered and work on pressure differential between the inside and outside of the building.

Model GRS

Model GRS is an aluminum ventilator designed to be used as an intake (model GRSI) or relief unit (model GRSR) on natural gravity systems. The GRS appearance blends with other Greenheck products, and with its low silhouette, avoids the problem of detracting from architectural aesthetics.

Catalog: *Gravity Ventilators — GRSI/GRSR*

Models FGI/FGR



Models FGI (intake) and FGR (relief) have a low silhouette Fabra Hood design. The Fabra Hood design is superior in appearance, load-bearing strength, weather resistance, and dimensional flexibility. Third-party certified (Florida Product Approved and Miami-Dade County Qualified) for high wind.

Catalog: *Gravity Ventilators — FGI/FGR*

Models WIH/WRH

Model WIH (intake) and WRH (relief) units feature a stormproof aluminum louver with mitered corners. The louvered design affords lower pressure drops while maintaining low hood heights. The all-aluminum construction assures lasting durability and appearance. The removable hood is lined with insulation to prevent condensation.

Catalog: *Gravity Ventilators — WIH/WRH*

Model RGU

Model RGU gravity upblast ventilators are designed for use as a weatherproof outlet on vertical, high velocity exhaust systems.

Catalog: *Gravity Ventilators — RGU*