Fans and Ventilators

Greenheck offers the world's widest selection of top quality fans and ventilators for commercial, institutional and industrial buildings. And that means you can always find the right fan to meet your precise performance requirements. Discover Greenheck value in the world's best-selling centrifugal roof upblast and exhaust fans with one-piece leakproof construction. Or experience Greenheck reliability in our lighted ceiling fans, and our many other 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. There are four different architectural looks to choose from.

Models G/GB

The housing available is a spun aluminum style. Capacities range from 75 to 44,000 cfm and up to 3.25 in. wg.

Catalog: Centrifugal Roof Exhaust Fans (Models G and GB)

Models H-G/H-GB

The housing is spun aluminum style specifically designed for high wind and hurricane zone applications where winds approach 150 mph. Capacities up to 14,000 cfm.

Catalog: Centrifugal Roof Exhaust Fans (Model H-GB)

Models LD/LB

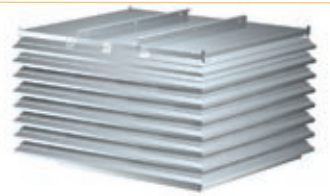
The housing style is a low silhouette with "rib-lock" construction. Capacities range from 80 to 37,500 cfm and up to 1.25 in. wg.

Catalog: Centrifugal Roof Exhaust Fans (Series L)

Models LDP/LBP

The housing style is a louvered penthouse design which features extruded aluminum louvers. Capacities range from 80 to 37,000 cfm and up to 1.25 in. wg.

Catalog: Centrifugal Roof Exhaust Fans (Series L)



Models NYD/NYB

These fans feature tamper resistant housings while also allowing ease of access for service. Capacities range from 170 to 8,050 cfm and up to 1.00 in. wg.

Catalog: Centrifugal Roof Exhaust Fans (Models NYD and NYB)

Centrifugal Roof 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 to fume hood exhaust, from kitchen grease exhaust to smoke control.

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

These spun aluminum fans are specifically designed for roof mounted (CUE/CUBE) or sidewall mounted (CW/CWB) 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 fans feature a one piece windband continuously welded to the curb cap and double studded isolators for true vibration isolation. Capacities range from 80 to 30,000 cfm.

Catalog: Centrifugal Exhaust Fans (Series C)

Model S-CUBE

The S-CUBE is a spun aluminum fan specifically designed for Emergency Smoke Control Systems. This fan is UL Listed for 500º F. for 4 hours and 1,000º F. for 15 minutes. Capacities range from 1,000 cfm to 30,000 cfm and up to 2.5 in. wg. Available in Upblast configuration only.

Catalog: Roof Power Ventilators for Smoke Control Systems (Model S-CUBE)

Model USGF

Model USGF (Ultimate Steel Grease Fan) is the ideal fan for heavy grease exhaust applications as stated in NFPA's Chapter 11 restaurants and food service where high amounts of grease and/or solid fuels are used like char broilers, solid fuel cooking, and oriental cooking. Constructed of steel, the model USGF includes a non-stick coated steel wheel, steel windband, steel curb cap, and steel motor compartment. Standard features include UL-762, 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. Performance capability up to 3 in. wg and 7,000 cfm.

Catalog: Ultimate Steel Grease Fan (Model USGF)

Models H-CUE/H-CUBE

These spun aluminum fans are specifically designed for high wind and hurricane zone applications where winds approach 150 mph. Capacities up to 14,500 cfm.

Catalog: Centrifugal Exhaust Fans (H-CUBE)

Model TCBRU

The TCBRU is a belt drive upblast roof exhaust fan. It features a tapered outlet which creates high outlet velocities to carry contaminated exhaust away from nearby make-up air units. Capacities range from 360 to 24,000 cfm and up to 4.5 in. wg.

Catalog: Tubular Centrifugal Fans (Models TCB/TCBRU/TCBRS)

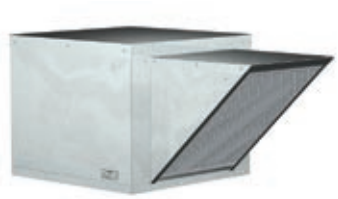
Centrifugal Roof Supply Fans

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

This filtered roof supply fan features a belt driven, double width, forward curved, galvanized wheel for low cost, low sound, and high performance applications. Capacities up to 14,000 cfm and up to 3.5 in. wg.

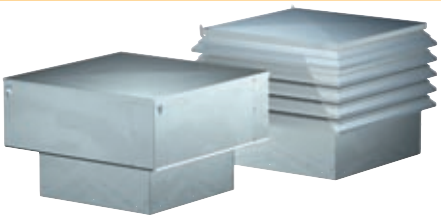
Catalog: Roof Supply Fans (Model SAF)



Models RSF/RSFP

These 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 650 to 14,300 cfm and up to 2.0 in. wg.

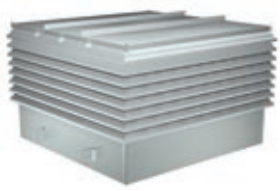
Catalog: Models RSF and RSFP Forward Curved Centrifugal Roof Supply Fan



Models LSF

The LSF features a double width centrifugal blower with a backward inclined wheel to efficiently supply filtered air at pressure up to 5.5 in. wg. The aluminum louvered penthouse is available with a standard machine finish or multiple decorative coatings for aesthetics. Airflow volumes range from 800 to 37,000 cfm.

Catalog: Louvered Roof Supply Fans (Model LSF)



Models TCBRS

The TCBRS features aluminum backward inclined wheels for quiet and efficient supply airflow. Greenheck's Fabra-Hood housing on this model provides a strong, weather tight cover, and is available with filters. Capacities range from 360 to 24,000 cfm and 4 in. wg.

Catalog: Tubular Centrifugal Fans (Models TCB/TCBRU/TCBRS)

Centrifugal Ceiling and Cabinet Fans

The Ceiling and Cabinet Fans include both direct and belt driven fans. The fans have forward curved wheels for low sound and high efficiency. They are suitable for clean air applications such as bathrooms, storage rooms, or offices.

Model SP

Model SP is a direct drive ceiling exhaust fan designed for clean air applications where low sound levels are required. Many options and accessories are available such as lights, motion detectors, ceiling radiation dampers and speed controls. These fans may be easily converted from horizontal to a vertical discharge. Capacities range from 30 to 1,607 cfm and up to 1.0 in. wg.

Model CSP

Model CSP is a direct drive inline exhaust fan designed for clean air applications where low sound levels are required. These fans may be easily converted from horizontal to vertical discharge. Capacities range from 77 to 3,778 cfm and up to 1.0 in. wg.

Catalog: Ceiling Exhaust and Inline Cabinet Fans (Models SP and CSP)

Model BDF

Model BDF is a belt drive duct fan designed for efficiency and reliability in supply, exhaust, or return air applications. Capacities range from 400 to 17,000 cfm and up to 2.5 in. wg.

Catalog: Belt Drive Duct Fan (Model BDF)

Model BCF

The model BCF is a belt drive inline low profile cabinet fan. It is designed for efficiency and reliability in supply, exhaust, and ducted return applications. It can be mounted vertically or horizontally with either a top horizontal or upblast discharge. Capacities range from 170 to 5,875 cfm and up to 1.5 in. wg.

Catalog: Belt Drive Cabinet Fans (Model BCF)

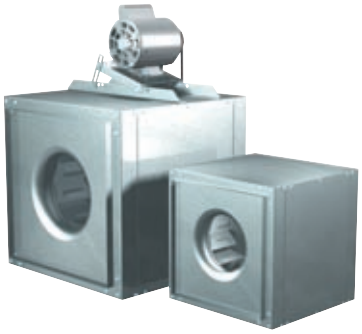
Centrifugal Inline Fans

The Centrifugal Inline Fans include both direct and belt driven fans with backward inclined centrifugal wheels. Models feature rugged construction, high efficiency, and low sound levels. Centrifugal Inline Fans are ideal for clean air applications, including intake, exhaust, return, or make-up air. They have straight through airflow with compact size and have the flexibility to be mounted in any configuration—horizontal, vertical, or at any angle.

Models SQ/BSQ

The SQ/BSQ has a square housing design for indoor applications. Easy access for inspection and service is provided by removable side panels. Fans can be configured to discharge air 90˚ from the inlet for tight space constraints. Capacities range from 62 to 26,600 cfm and up to 3.5 in. wg.

Catalog: Centrifugal Inline Fans (Models SQ and BSQ)



Model TCB

The TCB is a belt driven fan that has a tubular design and can be mounted in either indoor or outdoor applications. In addition to clean air applications, this fan is suitable for combustion air or fume hood exhaust. Capacities range from 360 to 24,000 cfm and up to 4.5 in. wg.

Catalog: Tubular Centrifugal Fans (Models TCB/TCBRU/TCBRS)

Centrifugal Utility Fans

The Utility Fans include both direct and belt driven fans. They are self-contained units consisting of the fan, motor, and drive for a variety of commercial and light industrial applications.

Models SFD/SFB

The SFD (direct drive) and SFB (belt drive) feature quiet and efficient forward curved wheels. These fans are suitable for ducted exhaust, supply, and return-air applications with clean air. Capacities range from 230 to 20,000 cfm and up to 2.5 in. wg.

Catalog: Centrifugal Utility Fan (Models SFD and SFB)

Model SWB

The SWB is a belt driven fan and features a backward inclined centrifugal wheel. This fan is suitable for ducted exhaust, supply, and return-air applications. Typical applications include commercial kitchens, fume hoods, and emergency smoke control installations. Available in galvanized, aluminum, or painted construction. Capacities range from 50 to 23,000 cfm and up to 5.0 in. wg. AMCA licensed for Air Performance.

Catalog: Centrifugal Backward Inclined (Model SWB)

Propeller Sidewall Fans

The Sidewall Propeller Fans include both direct and belt driven fans with fabricated steel, 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 S1/S2/SC3/SB/SBC

Sidewall propeller fans are available with a wide variety of accessories including wall housings, wall collars, guards, dampers, and weatherhoods. Capacities range from 100 to 87,000 cfm and up to 1.0 in. wg.

Catalog: Sidewall Propeller Fans

Models SCR3/SBCR

Reversible sidewall fans offer the ability to exhaust or supply air on demand. Performance is equivalent in both the exhaust and supply modes. Capacities range from 3,400 to 80,000 cfm and up to 0.75 wg.

Catalog: Reversible Sidewall Propeller Fans

Model CBF

Model CBF is designed for economy and reliability in limited space applications. Fits in lieu of standard 16 in. by 8 in. concrete block. Works great for ventilating equipment rooms and chases. Capacities range from 500 cfm and up to 0.4 in. wg.

Catalog: Model CBF Transfer Fan

Propeller Hooded Roof Fans

The Propeller Hooded Roof 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

Propeller Hooded Roof Fans are available with a wide variety of accessories including tall bases, dampers and guards. Capacities range from 200 to 82,300 cfm and up to 1.5 in. wg.

Catalog: Hooded Propeller Roof Fans

Models RPDR/RPBR

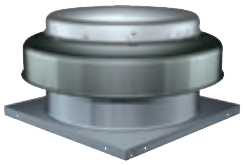
The RPDR/RPBR is compatible with ducted and non-ducted systems and offers the ability to exhaust or supply air on demand. Performance is equivalent in both the exhaust and supply modes. Capacities range from 2,900 to 70,500 cfm and up to 0.5 in. wg.

Catalog: Reversible Propeller Roof Fans (Models RPDR/RPBR)

Models AE/AS

Axial roof exhaust and supply fans are designed for low volume, low pressure applications where a spun aluminum hood is desired. Capacity is up to 5,700 cfm and up to 1 in. wg.

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



Propeller 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.

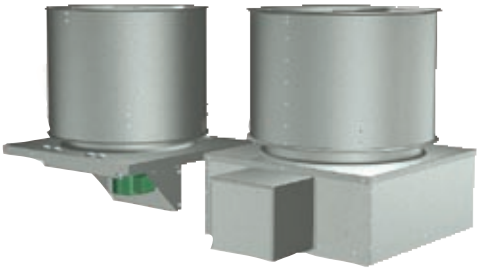
Models ESRMD/ERD

The 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 42,700 cfm and up to 0.375 in. wg.

Catalog: Recirculating Roof Fans (Models ESRMD, ESRMF and ERD)

Propeller Tube Axial Fans

The low to medium pressure 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. Where indicated below, models are available in both configurations.



Models RDU/RBU/RBUMO - Roof Upblast

The RBUMO has its motor mounted out of the airstream and is suitable for high temperature emergency smoke removal. The RBU/RBUMO has steel blades, and the RDU has cast aluminum blades. Capacities range from 2,600 to 64,300 cfm and up to 1.0 in. wg.

Catalog: Propeller Upblast Roof Fans (Models RDU/RBU/RBUMO)

Models TAUD/TAUB-CA - Roof Upblast

The TAUD/TAUB-CA has cast aluminum blades. Typical applications involve clean air, fume exhaust, and spark resistant construction. Capacities range from 2,400 to 74,000 cfm and up to 1.25 in. wg. For higher pressure capabilities use Roof Mounted option on models TDI/TBI-CA or AX.

Catalog: Tube Axial Roof Upblast Models TAUD & TAUB-CA

Model TAUB-L/H - Roof Upblast

The TAUB-L/H has its motor mounted out of the airstream and is suitable for high temperature emergency UL smoke removal. Typical applications involve clean air, industrial processes, and high temperature exhaust. The TAUB-L/H has steel blades. Capacities range from 4,000 to 66,800 cfm and up to 1.0 in. wg. For higher pressure capabilities use Roof Mounted option on model TBI-FS.

Catalog: Tube Axial Roof Exhausters (Models TAUD/TAUB)

Models TDI/TBI-CA - Inline or Roof Upblast

Axial fans with cast aluminum hub and airfoil blades. Universal Mounting System allows for vertical or horizontal installations. Typical applications involve clean air, fume exhaust, and spark resistant construction. AMCA licensed for Air Performance. Capacities range from 800 to 95,000 cfm and up to 3.25 in. wg.

Catalogs:
- *Tube Axial Inline Fans (Models TDI &TBI-CA Level 3)*
- *Medium Pressure Axial Fans (Model TBI-CA Level 4 & 5)*

Models TBI-FS - Inline or Roof Upblast

The TBI-FS has a fabricated steel hub and airfoil blades. It is suitable for continuous high temperature (400˚ F. / 204˚ C. max.) for inline configurations, (500˚ F. max.) for roof upblast configuration and is available with UL Power Ventilators for Smoke Control. The Universal Mounting System accommodates any vertical or horizontal installation configuration. Typical applications involve clean air, industrial processes, and high temperature exhaust. AMCA licensed for Sound and Air Performance. Capacities range from 3,300 to 76,000 cfm for inline configurations (5,500 to 74,000 cfm for roof upblast configurations) up to 3.5 in. wg. Bolt-on straightening vanes are available for increased efficiency.

Catalog: Tube Axial Fan (Model TBI-FS)

Model AX - Inline or Roof Upblast

The AX features a cast aluminum hub and airfoil blades which have manually adjustable blade pitch. Universal Mounting System allows for vertical or horizontal installations. Typical applications include clean air and are available with UL Power Ventilators for Smoke Control and UL-705. AMCA licensed for Air Performance. Capacities range from 500 to 150,000 cfm and up to 5.5 in. wg. Bolt-on straightening vanes (AX-V) are available for increased efficiency.

Catalog: Model AX

Propeller Mancoolers

Mancooler fans are direct drive, tube axial fans designed for applications where localized air direction and circulation are required. Three mounting arrangements offer maximum directional flexibility and ease of mounting.

Model DF (Dock Fan)

Model DF is a high velocity dock fan designed to recirculate air in and around loading docks, trailers, and personnel working in the area. The DF is mounted on a 30 in. arm to aid in maneuvering the unit. A light is mounted on the top of the arm to provide additional lighting.

Catalog: Dock Fan (Model DF)

Models MCY/MCB/MCP

Options include beam (MCY), base (MCB), and portable (MCP) mounts. Capacities range from 3,000 to 37,600 cfm of free air.

Catalog: Mancoolers (Model MC)

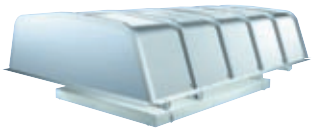
Gravity Ventilators

The Gravity Intake and Relief ventilators are non-powered and work on pressure differential between the inside and outside of the building.

Models FHI/FHR

The FHI (intake) and FHR (relief) have the low silhouette Fabra Hood design. The Fabra Hood design is superior in appearance, load bearing strength, weather resistance, and dimensional flexibility.

Catalog: Gravity Fabra Hoods (Models FHI/FHR)



Models GRS

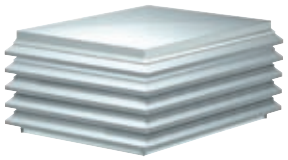
Model GRS is an aluminum ventilator designed to be used as an intake or relief unit on natural gravity systems. The GRS appearance blends with other Greenheck products, and with its low silhouette, avoids the problem of detracting from architectural aesthetics.

Catalog: Gravity Ventilators (Models GRS/GRSI)

Models WIH/WRH

Model WIH is available for intake requirements. These units feature a stormproof aluminum louver with mitered corners. The louver 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: Louvered Penthouses (Models WIH/WRH)



Model RGU

The RGU gravity upblast ventilator is designed for use as a weatherproof outlet on vertical, high velocity exhaust systems.

Catalog: Propeller Upblast Roof Fans (Models RDU/RBU/RBUMO)

Roof Curbs

Many different sizes and heights are available and can be constructed of galvanized steel or aluminum.

Roof Curbs

Roof curbs are used as roof support structures for fans and ventilators. Curbs are available for flat, pitched, and ridged roofs with or without insulation. Curbs can be either canted or straight-sided.

Extended Bases

Extended bases fulfill additional height requirements between the fan and roof curb.

Sound Curbs

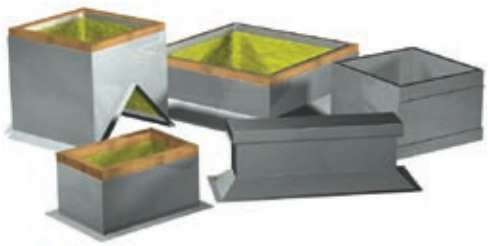
Sound curbs are available to decrease noise penetration into the building.

Equipment Supports

Designed to support equipment that would not be curb mounted.

Adapters/Reducers

Adapters and reducers are available to fit a new fan to an existing roof curb.



Catalog: Roof Curbs, Extensions and Equipment Supports