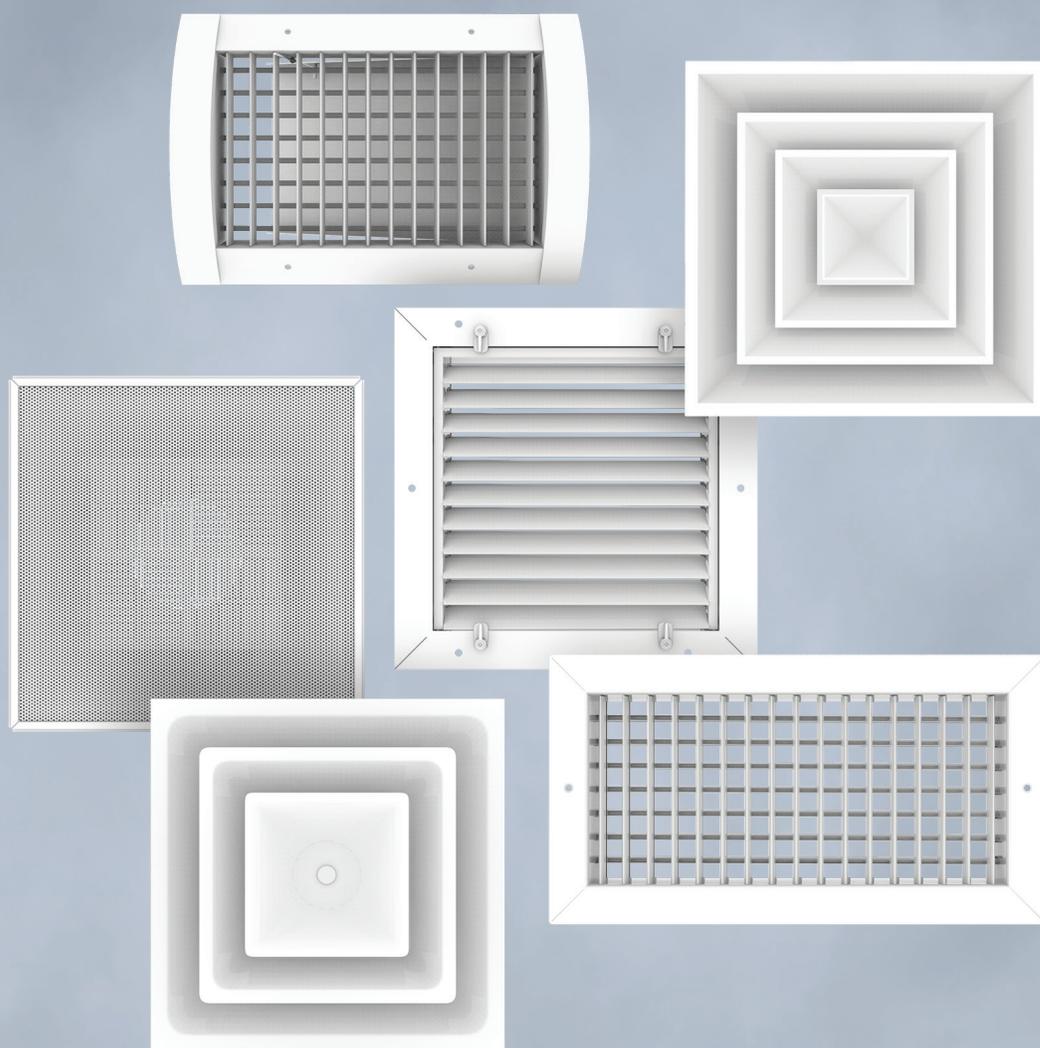


Grilles, Registers, Diffusers, and Air Terminal Units Handbook



BUILDING VALUE IN AIR.



December
2023

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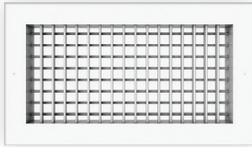
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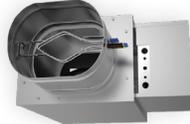
SINGLE DUCT

XG-TH-500
Single Duct Air Terminal Unit



The simplest and most widely used VAV terminal unit. Capacities ranging from 80-8,000 cfm in 10 sizes.

XG-TL-500
Low Profile Single Duct Air Terminal



This VAV terminal unit is engineered for reduced height applications. Capacities ranging from 80-4,000 cfm in eight sizes.

XG-BP-600
Bypass Terminal Unit



This model is used to achieve variable air volume delivery of conditioned air to a space/zone where constant volume air handlers exist.

FAN POWERED CONSTANT VOLUME

XG-FCI-600
Constant Volume Fan Terminal Unit



This fan-powered terminal unit is engineered to provide a balance between quiet operation, minimal footprint, and a broad flow range.

XG-FCL-600
Low Profile Constant Volume Fan Terminal Unit



This low profile fan-powered terminal unit is engineered to the XG-FCI-600 specs in addition to providing reduced height for low clearance.

XG-FCQ-700
Ultra-Quiet Fan Terminal Unit



This quiet series fan-powered ATU has been engineered to provide noise levels that are the best in the business.

FAN POWERED VARIABLE VOLUME

XG-FVI-500
Variable Volume Fan Terminal Unit



This parallel fan-powered terminal unit is designed to provide superior comfort to zones by intermittent parallel fan operation.

XG-FVL-600
Low Profile Variable Volume Fan Terminal Unit



This low profile parallel fan-powered terminal unit is designed for reduced height applications.

DUAL DUCT

XG-DD-500
Dual Duct Air Terminal



These air terminal units regulate the flow of conditioned air in a dual duct air distribution system.

XG-DH-500
High-Performance Mixing Dual Duct Air Terminal



This model is engineered to provide an industry-leading 1:30 mixing ratio. Capacities ranging from 80-4,400 cfm in multiple unit sizes.

XG-DS-600
Short Mixing Dual Duct Air Terminal



This short mixing box allows mixing of hot and cold decks in tight, limited spaces due to its small footprint.

RETROFIT

XG-SR-500
Square Retrofit Air Terminal Unit



This model is designed to fit into existing low pressure square or rectangular duct systems. Three different models to cover multiple applications.

XG-RT-500
Round Retrofit Air Terminal Unit



These retrofit air terminals are designed to regulate the flow of conditioned air in single or dual duct air distribution systems.

XG-RA-500
Customized Retrofit Air Terminal Unit



These retrofit assemblies are customized retrofit valves designed to slip into existing mechanically regulated single or dual duct terminals.

DDC CONTROLS

XG-VAV
Factory-Provided DDC Controls



Model XG-VAV is a universal controller based on BACnet. XG-VAV is factory-mounted, wired, and preconfigured for standard control sequences.

SUPPLY/RETURN GRILLES & REGISTERS

Series XG-V
 Aluminum Stamped
 Frame Supply Grilles



The series includes models XG-V (Single deflection/vertical blades), XG-VH (Double deflection/vertical front blades), and the XG-VM (model XG-V with a built in multi-shutter damper).

Series XG-4000
 Al./Steel, Single/Double
 Deflection Supply Grilles



Series is offered with single deflection blades (XG-4002) or with double deflection blades (XG-4004). A steel model is available (XG-4000S).

Series XG-4000-AF
 Airfoil Blade Aluminum or
 Steel Supply Grilles



Series is available with single or double deflection, and with a number of options and accessories to meet a variety of applications.

Series XG-L
 Curved Blade Supply
 Grilles & Registers



Series is available with 1-way, 2-way, 2-way opposite, 3-way, and 4-way directional air patterns.

XG-RH
 Roll Formed Aluminum
 Return Air Grilles



Model available with several borders to integrate into a wide range of ceiling and sidewall applications.

Series XG-RHE
 Extruded Aluminum
 Return Air Grilles



Series is available in a number of borders to integrate into a wide range of ceiling and sidewall applications.

XG-SRH
 Steel Return Air Grille



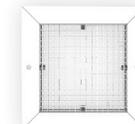
Model available with several borders to integrate into a wide range of ceiling and sidewall applications.

Series XG-4002R/4002RS
 Aluminum/Steel
 Return Air Grille



Series available in two frame styles (surface mount and lay-in). Available with horizontal or vertical fixed blades.

XG-CC
 Cube Core Return
 and Exhaust Grille



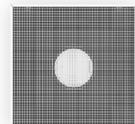
Model is great for high capacity applications requiring minimum pressure drop and noise. Standard construction is aluminum.

XG-CC45
 Sight-Proof Cube
 Core Return Grille



Model is designed for applications where it's important to limit visibility through the product.

XG-CC5-BP
 High Capacity Cube
 Core Return Grille



Model features an eggcrate cube core face and a hard backpan. Backpan is available in steel (SBP) or aluminum (ABP).

XG-RP
 Aluminum/Steel
 Perforated Return Grille



Model ideal for return/exhaust applications that require low pressure drop and low sound. Available in steel (XG-SRP).

XG-4004P/SP
 Aluminum/Steel Universal
 Frame Spiral Duct Grille



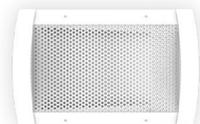
Model uses a universal style frame to fit a range of duct diameters. The model offers superior performance in exposed duct applications offering a clean, low profile appearance.

XG-4000PCF
 Aluminum Curved Frame
 Spiral Duct Grille



Curved frame spiral duct grille features a curved frame that fits flush to the contour of a round or spiral duct, offering a clean finish.

XG-4000PCFPF
 Perforated Spiral Pipe Grille
 & Perforated Curved Flange



Model uses a perforated face for a clean finish. Offered in a universal style frame to fit a range of duct diameters (XG-4000PF) or a curved frame for a tight installation on a spiral duct (XG-4000PCFPF).

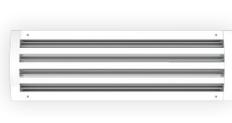
SPIRAL DUCT GRILLES

XG-RL-SP
 Universal Drum Louver
 for Spiral Duct



Model allows for delivery of a jet or diffused air pattern in spiral duct installation. Available up to 48" long.

XG-6600SP
 Supply/Return Linear Slot
 Diffuser for Spiral Duct



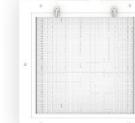
These linear slot diffusers integrate into exposed spiral duct systems.

Series XG-RHF/RHEF/SRHF
 Aluminum/Steel Filter
 Return Grilles



Series available in aluminum (XG-RHF) and steel (XG-SRHF). Extruded aluminum XG-RHEF is our premiere model offering superior appearance and performance.

XG-CC5F
 Aluminum Cube Core
 Filter Return Grille



These cube core return and exhaust filter grilles provide low pressure drop and low sound levels.

XG-CC45F
 Aluminum Sightproof Cube
 Core Filter Return Grille

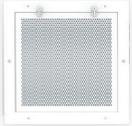


Model features a 45° core that maintains high free area. The 45° core enables a sightproof installation and prevents visibility into the ceiling or plenum.

FILTER GRILLES

HEAVY-DUTY GRILLES

XG-RPF
Aluminum /Steel Perforated
Face Filter Return Grille



Model is designed for filters (by others) and includes a hinged face with thumb latches for quick filter changes.

XG-HDRH
Heavy-Duty Aluminum
Return Grille



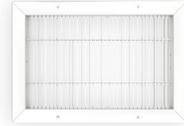
An excellent choice for projects that require a grille or register to withstand moderate physical abuse.

XG-4500/4500S
Heavy-Duty Sidewall
Return Grille



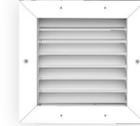
These heavy-duty return grilles are designed for applications where a durable grille is needed. Available in aluminum (XG-4500) and steel (XG-4500S).

XG-4502/4504
Heavy-Duty Supply
Grilles & Registers



These heavy-duty supply grilles are designed for applications such as gymnasiums and other public areas where a durable grille is needed. Available in aluminum (XG-4502/4504) and steel (XG-4502S/4504S).

XG-DG/DGSF/DGDF
Aluminum Door Grilles



These extruded aluminum door grilles are designed to transfer air through doors or walls.

INDUSTRIAL GRILLES

XG-4100
Aluminum Industrial/High
Capacity Supply



Engineered for high capacity industrial air distribution applications where performance is a priority. Model uses 1.5" blades on 1.5" spacing.

XG-4200
Aluminum Industrial
Supply - Shallow Frame



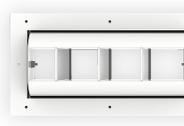
Model for industrial applications requiring high capacity and performance, and designed for ceiling and high sidewall installation.

XG-4300
Aluminum Industrial/High
Capacity Supply



Designed for ceiling and high sidewall installation. Includes 3" blades on 3" centers and a 7" deep collar.

XG-RL
Industrial/High Capacity
Supply-Roto Louver



This model is engineered for high capacity, long throw applications such as gymnasiums, industrial plants and other large spaces.

SPECIALTY GRILLES

XG-JA
Aluminum/Steel Jet Aire
High Capacity Nozzle



Jet Aire diffusers offer an economical solution to high capacity air distribution applications requiring long throw distances.

XG-MPK
Aluminum Punkah
Louver



Model discharges a high-velocity jet that can be directed to condition a specific space or area.

XG-MRSD/MRDD
Architectural Round High
Capacity Grille



An excellent choice for applications requiring an adjustable outlet with high velocity capacities and long throw.

SECURITY GRILLES

XG-SGSP
Maximum Security Grille
Square Holes/Mesh Face



This steel supply grille is excellent for sidewall installation in maximum security applications such as federal correctional facilities. Uses wire mesh with lattice lace.

XG-SGRP/SGRPSR
Maximum Security Grille
Perforated Face



These steel security grilles are for maximum security installations. XG-SGRP uses a perforated face, while XG-SGRPSR is suicide resistant and uses 3/16" holes with smaller diameters.

XG-SGWM
Maximum Security Grille
Wire Mesh Face



Model is a heavy-duty security grille with a wire mesh face. Used in maximum security applications.

XG-SGLF
Maximum Security Grille
Steel Lattice Face



This steel security grille uses a heavy-duty steel lattice face for use in correctional facilities and other security applications.

XG-SGRH
Medium Security Grille
Fixed Louver Face



This louver face steel sidewall return grille is an excellent choice for returns in medium security, supervised areas.

XG-SG5500S
**Minimum Security
Diffuser**


A steel supply diffuser that is excellent for supervised areas requiring a ceiling-mounted diffuser.

XG-SG2000
**Minimum Security
Bar Grille**


Model is a return grille constructed with heavy-gauge aluminum louvers that are reinforced and attached to a steel sleeve.

XG-SGDB
**Duct/Wall-Mounted
Bar Grille**


Duct barrier bar grille is an excellent choice for additional security in openings between secure and nonsecure areas.

GRILLES & REGISTERS ACCESSORIES

XG-TBP/STBP
**Aluminum/Steel Panels
for Grilles & Diffusers**


Model is a panel for use with grilles, registers and diffusers in T-bar applications. Available in aluminum and steel.

XG-OB/DOB/OBDE
Opposed Blade Damper

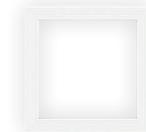

Tapered blades set in a U-channel frame. Opposed blades on 1" centers. Screwdriver slot operator. Available in aluminum, steel, and extruded aluminum.

XG-L9
Equalizing Grid


Designed to provide uniform airflow in branch ducts. Pre-tensioned blades adjust individually.

XG-TBPF/STBPF
T-Bar Plaster Frame


Permits the installation of the T-bar frame style ceiling diffuser into plaster or gypsum type ceilings. Available in aluminum (XG-TBPF) and steel (XG-STBPF).

XG-TSPF
**Tape & Spackle
Plaster Frame**


Used for surface mount installations that need to conceal the mounting frame.

XG-LIPF/SLIPF
**Extruded Aluminum
Lay-In Plaster Frame**


Extruded aluminum lay-in plaster frame for use in hard ceiling applications. Also available in steel (XG-SLIPF).

XG-TR/TR DEEP
**Square to Round
Transition**


Square-to-round transition permits installation onto square necks to allow for round or flex duct applications.

XG-NDRH
Non-Ducted Return Hood


A field-added accessory to return grilles in non-ducted plenum applications, it can be used with any Greenheck T-bar lay-in return.

SQUARE CEILING DIFFUSERS

XG-5700
**Square Cone Diffuser
3-Cone**


Three-cone square face diffuser with round neck. Available in steel, aluminized steel, and aluminum construction.

XG-5800
**Square Cone Diffuser
4-Cone**

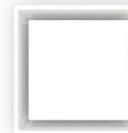

Four-cone square face diffuser with round neck. Available in steel, aluminized steel, and aluminum construction.

XG-5750
Square Plaque Diffuser


Architectural plaque diffuser used for a sleek and modern look while maintaining good airflow performance. Available in steel and aluminum construction.

XG-5750RP
**Round Face Plaque
Diffuser**


Model is the ideal diffuser for when both interior design and superior performance matter.

XG-PHENOMENATOR
**High Induction Square
Plaque Face Diffuser**


Models designed to maintain very high induction ratios even at very low airflow rates. Also available as low-flow version XG-Phenom-LF. This allows for even lower airflow rates.

LOUVERED FACE DIFFUSERS

XG-5500

Aluminum Square/Rect. Louver Face Diffuser



Models provide an aesthetically pleasing solution to air distribution requirements, regardless of room configurations.

XG-5500S

Steel Square/Rect. Louver Face Diffuser



Models provide an aesthetically pleasing solution to air distribution requirements.

XG-5500DD

Architectural Louver Face Diffuser



Model offers an architectural air diffuser designed to excel in both performance and aesthetic appeal. Can be used with center ceiling tile for increased aesthetics.

XG-9000

Aluminum Square Modular Core Diffuser



Model uses removable modular cores which allow for a wide range of airflow configurations with multiple border types available as well.

XG-5500CAD

Cold Aisle Diffuser - Louver Face/Cube Core



Model is a hybrid unit that combines the features of an XG-5500 louver face diffuser with a cube core dampered center.

PERFORATED CEILING DIFFUSERS

XG-LFL

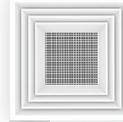
Louver Face Linear Diffuser



Model designed for continuous length applications where the clean lines of a louver face diffuser are desirable.

XG-5500 DAF CC5

Concentric Supply/Return Ceiling Diffuser



Concentric supply/return diffusers provide a functional solution to rooftop package single outlet air distribution requirement.

XG-7000

Al. Perforated Diffuser with Pattern Controller



Model is an aluminum, perforated supply diffuser with curved blade pattern controllers mounted in the neck of the diffuser.

XG-PRTB/SPRTB

Perf. Screen for Non-Ducted Plenum Return



Models are an economical choice for non-ducted plenum return applications and are shipped without pattern controllers. Available in aluminum (XG-PRTB) and steel (XG-SPRTB).

XG-7300

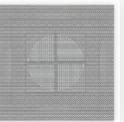
Perf. Supply Diffuser with Fiberglass Backpan



Model is an economical diffuser with a fiberglass plenum, designed to allow field installation of the inlet collar (by others).

XG-7350

XG-7300 with Pattern Controllers



Model is an economical diffuser with a fiberglass plenum, designed to allow field installation of the inlet collar (by others).

XG-7500

Perforated Diffuser Face-Mounted Pattern Cont.



Models have a round neck and face-mounted adjustable pattern controllers, an excellent choice for VAV applications.

XG-7550

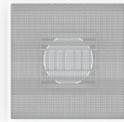
Perforated Diffuser Face-Mounted Pattern Cont.



XG-7550 is a great choice for VAV applications. The hinged removable face allows access to the pattern controllers. Square neck.

XG-7600

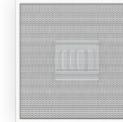
Perforated Diffuser Curved Blade Pattern Cont.



XG-7600 is a great choice for VAV applications. The hinged removable face allows access to the pattern controllers. With round inlet.

XG-7650

Perforated Diffuser Curved Blade Pattern Cont.



Model is a perforated ceiling diffuser with a square neck with curved blade adjustable pattern controllers mounted in the neck.

XG-7550R-F/7650R-F

Perforated Filter Back Ceiling Diffuser



Model incorporates a basic perforated diffuser with a filter rack to allow for filtered air applications.

XG-7900

Perforated Alum. Diffuser Modular Core



Model uses a perforated face panel with removable modular cores to provide multiple airflow configurations for different applications.

XG-7950

Perforated Steel Diffuser Modular Core



Cores can be field-adjusted to a variety of air patterns. An excellent choice for VAV applications.

ROUND CEILING DIFFUSERS

XG-3000 Adjustable 3-Cone Round Diffuser	XG-3100/3100A Fixed/Adjustable Round Diffuser	XG-3200 Heavy-Duty Steel Adjustable Round Diffuser	XG-R5750 Round Panel Architectural Diffuser
---	--	---	--



Excellent choice for high capacity applications. Discharge pattern is easily adjusted from vertical to horizontal with adjustment ring.



Excellent choice for high capacity applications. Discharge pattern is easily adjusted from vertical to horizontal.



Models incorporate a high induction design to efficiently handle large volumes of air at high cooling temperature differentials.



Model blends well into the ceiling surface. Available in aluminum, aluminum face with steel backpan and steel construction.

VAV DIFFUSERS

XG-MSC/MSCVH/MSCAH VAV Diffuser	XG-MSE-HC Electronic VAV Diffuser for Heating/Cooling Control	XG-MLAD Linear "Anti-Strat" Heat/ Cool Changeover Diffuser	XG-MVAC/MVACH VAV Linear Diffusers
---	--	---	--



Models are thermally powered variable volume air diffusers which are completely non-electronic and self-contained.



Model regulates the amount of supply air into the space, uses a wall-mounted thermostat to achieve true VAV control in heating/cooling mode.



Change in air pattern prevents stratification issues with heated air diffusion. Thermally powered by the supply air.



Induction slot samples room air to assure precise control. Available in cooling only and heat/cool.

FIRE-RATED PACKAGES

XG-5500S-FRS Louver Face Ceiling Diffuser with Radiation Damper	XG-5700-FRS Square Face Diffuser with Radiation Damper	XG-5800-FRS Square Face Diffuser with Radiation Damper	XG-7500/7550-FRS Perforated Ceiling Diffuser with Radiation Damper	XG-7600/7650-FRS Perforated Ceiling Diffuser with Radiation Damper
--	---	---	---	---



Model is a steel louvered face diffuser with a square neck, a UL-Listed ceiling radiation damper and thermal blanket.



Model is a steel 3-cone diffuser with a round neck, a UL-Listed ceiling radiation damper and thermal blanket.



Model is a steel 4-cone diffuser with a round neck, a UL-Listed ceiling radiation damper and thermal blanket.

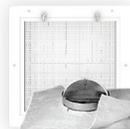


Model is a perforated ceiling diffuser with face-mounted pattern deflectors, a UL-Listed ceiling radiation damper and thermal blanket.



Model is a perforated ceiling diffuser with neck-mounted pattern deflectors, a UL-Listed ceiling radiation damper and thermal blanket.

XG-CC5-FRS Sidewall/Ceiling Return Grille w/Radiation Damper	XG-PRTB-FRS Perf. Non-Duct Screen with Radiation Damper
---	--



Model is a steel eggcrate grille with a UL-Listed ceiling radiation damper and thermal blanket.



Model is a perforated non-ducted screen with a UL-Listed ceiling radiation damper and thermal blanket.

CEILING DIFFUSER ACCESSORIES

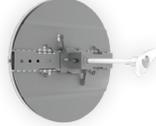
XG-G3 Aluminum Round Equalizing Grid	XG-BDS Steel Butterfly Damper	XG-G3-BDS Round Equalizing Grid w/ Steel Butterfly Damper	XG-RSD Galvanized Steel Radial Shutter Damper	XG-G3-RSD Round Equalizing Grid w/ Radial Shutter Damper
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Model is for use with round duct to create a uniform airflow distribution as the air enters the diffusers. Equalizing grids are helpful when diffusers are in close proximity to elbows.



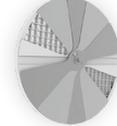
Model is a steel butterfly damper with adjustable blades.



Model allows for system balancing at the diffuser while the equalizing grid ensures even air distribution.

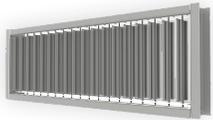


Model is a galvanized steel radial shutter damper for use with round neck diffusers.



Model allows for system balancing at the damper while equalizing grid ensures even air distribution.

XG-D5/5A & D7/7A Al./Steel Opposed Blade Damper for Series 5000/7000	XG-OB/5A/5B/5C/5D/5E Opposed Blade Damper	XG-L9 Equalizing Grid	XG-TBPF/STBPF T-Bar Plaster Frame	XG-TSPF Tape & Spackle Plaster Frame
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Model is a steel opposed blade damper for Series XG-5000/7000, XG-5500/7500 and XG-5500S/7000S diffusers. It is also available in aluminum.



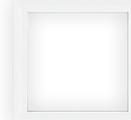
Model has tapered blades in a U-channel frame. Opposed blades on 1" center, with screwdriver slot operator. Available in aluminum, steel, and extruded aluminum.



Model is designed to provide uniform airflow in branch ducts. Pre-tensioned blades adjust individually.



Model permits the installation of the T-bar frame style ceiling diffuser into plaster or gypsum type ceilings. Optional hardware kits available.



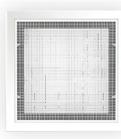
Model allows a T-bar mounted product to be installed into a hard ceiling. Model is unique with a ridged frame which is intended to be used in a tape-and-spackle application.

ENGINEERED POLYMER PRODUCTS

XG-TR/TR DEEP Square to Round Transition	XG-EPCC5F Engineered Polymer Cube Core Filter Grille	XG-EP5500 Engineered Polymer Louvered Face Diffuser	XG-EPRHF Eng. Polymer Louvered Face Return Filter Grille	XG-EP5700 Engineered Polymer Square Cone Diffuser
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Model permits installation onto square necks to allow for round or flex duct applications. Available as an accessory to most products with square necks.



Model uses a 1/2" x 1/2" x 1/2" cube core design and is used with a disposable filter. Includes a hinged face for easy filter removal/replacement.



Model uses an engineered polymer louvered face design for optimal performance. The polymer material resists corrosion and is nonmagnetic.



Model can be used with a filter in applications which call for a clean appearance, lightweight, corrosion resistance, and easy installation.



Model provides a tight 360° discharge pattern for superior induction/occupant comfort and design maximizes airflow performance while keeping pressure drop to a minimum.

XG-EP5750
Engineered Polymer Square Plaque Diffuser



Model uses an attractive single panel design which blends well into the ceiling and maintains architectural aesthetics as well as engineering performance.

FORMATIONS®

XG-AFL
Formations Linear Diffuser



Models satisfy the most demanding engineering and architectural criteria. Available in several border styles.

XG-AFLC
Formations Linear Diffuser w/Concealed Mount



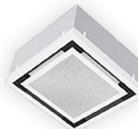
Models satisfy the most demanding engineering and architectural criteria. XG-AFLC comes with hanger brackets for concealed mounting.

XG-AFLTS/ASLTSI
Formations Tee System



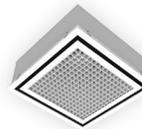
System (XG-AFLTS) includes Model XG-AFL and a plenum assembled. The XG-AFLTS is a perfect choice for acoustical ceiling applications. Model XG-AFLTSI comes with an insulated plenum.

XG-AFLI
Formations Integra (Supply/Return)



The Formations Integra allows for a center panel comprised of a ceiling tile or metal panel to blend the unit into the ceiling. This provides a beautiful architectural consistency.

XG-AFLIH
High-Capacity Architectural Return



Model is a high-capacity return that features the integrated look of the XG-AFLI "Integra" return, but adds a cube core center to dramatically increase return capacity.

FORMATIONS® ACCESSORIES

XG-AFLMC
Formations Mitered Corner



Model is for architectural linear slot diffuser Model XG-AFL. Mitered corner can come with a 90°, 45° or 135° miter.

XG-AFR
Formations Light Shield



Model is a triangular light shield hood for the Formation series architectural linear diffusers, designed to block light that can be seen from the diffuser opening.

XG-FODR
Face Operated Damper



Model is a face operated damper rod used to control the airflow through a XG-UP/UI plenum. Damper is connected to a metal rod which is pushed or pulled from damper face.

LINEAR SLOT DIFFUSERS

XG-6600
Supply/Return Linear Slot Diffuser



Models offer supply / return linear slot diffusers with integral pattern controllers and a variety of border styles for every application.

XG-6610SP
Supply/Return Linear Slot Diffuser for Spiral Pipe



Series aluminum supply / return linear slot diffusers are designed to integrate into exposed spiral duct systems.

XG-6600SQ
Square Architectural Slot Diffuser



This model uses a linear diffuser in a square layout for lay-in ceilings. This provides an architecturally pleasing design with many variations available.

XG-6675TZ
Linear Slot Diffusers for Architectural Ceilings



Model is compatible for use with Armstrong® TechZone™ and USG Logix™ Architectural Ceiling Systems.

UNIVERSAL PLENUMS

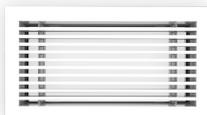
XG-UP/UI
Universal Plenum
Universal Plenum Insulated



Universal plenum is used with any linear diffuser model. UPI plenums are available for XG-2000, XG-AFL, XG-AFLC and XG-6600 models.

LINEAR BAR GRILLES

XG-2000
Extruded Aluminum Linear Bar Grille



Model XG-2000 has a 1" flange, 7/32" bar thickness and 1/2" bar spacing. Multiple frame styles are available. Deflection angles of 0, 15, and 30 degrees are available.

XG-2100
Extruded Aluminum Linear Bar Grille



Model XG-2100 has a 1/2" flange, 7/32" bar thickness and 1/2" bar spacing. Multiple frame styles are available. Deflection angles of 0, 15 and 30 degrees are available.

XG-2200
Extruded Aluminum Linear Bar Grille



Model XG-2200 has a 3/16" flange, 7/32" bar thickness and 1/2" bar spacing. Multiple frame styles are available. Deflection angles of 0, 15, and 30 degrees are available.

XG-2300
Extruded Aluminum Linear Bar Grille



Model XG-2300 has a 1" flange, 1/8" bar thickness and 1/4" bar spacing. Multiple frame styles are available. Deflection angles of 0, 15 and 30 degrees are available.

XG-2400
Extruded Aluminum Linear Bar Grille



Model XG-2400 has a 1/2" flange, 1/8" bar thickness and 1/4" bar spacing. Multiple frame styles are available. Deflection angles of 0, 15 and 30 degrees are available.

LINEAR BAR GRILLES (CONTINUED)

XG-2500

Extruded Aluminum
Linear Bar Grille



XG-2500 has a 1" flange, 1/8" bar thickness and 1/2" bar spacing. Multiple frame styles are available. Deflection angles of 0, 15 and 30 degrees.

XG-2600

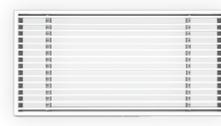
Extruded Aluminum
Linear Bar Grille



XG-2600 has a 1/2" flange, 1/8" bar thickness and 1/2" bar spacing. Multiple frame styles are available. Deflection angles of 0, 15 and 30 degrees.

XG-2700H

Extruded Aluminum
Linear Bar Grille



XG-2700H has a 3/16" flange, 1/8" bar thickness and 1/2" bar spacing. Multiple frame styles are available. Deflection angles of 0, 15 and 30 degrees.

XG-2800H

Extruded Aluminum
Linear Bar Grille



XG-2800H has a 1/2" flange, 1/8" bar thickness and 1/4" bar spacing. Multiple frame styles are available. Deflection angles of 0, 15 and 30 degrees.

LOUVER FACE LINEARS

XG-LFL

Louver Face
Linear Diffusers



Designed for continuous length applications where clean lines of a louver face diffuser are desirable.

PLENUM SLOT DIFFUSERS WITH ADJUSTABLE PATTERN CONTROLS

XG-PHPS

High Performance
Plenum Slot Diffuser



Made with heavy-duty extruded aluminum pattern controllers, and gasket for horizontal discharge pattern.

XG-PHPS-IT

Plenum Slot Diffuser with
"Ice Tong" Blades



Designed with "ice tong" blades for 180° pattern control. Curved pattern controllers produce a horizontal air pattern.

XG-PHPS-J

High Capacity Diffuser Lay-In
with Fixed Control Vanes



Model uses unique pattern controllers for different applications. Each has fixed vanes for air control.

XG-PHPS-E

Plenum Slot Diffuser Lay-In
with Fixed Control Vanes



Features the same control vanes used in the XG-PHPS-J. It maintains an air pattern tight against the ceiling in constant or variable control systems.

XG-PHCS

Plenum Slot Diffuser w/ Fixed
Curved Blade Pattern Controller



Model features unique fixed curved blade for optimal performance and an optional downblow section to allow for carefully controlled airflows.

LIGHT TROFFER DIFFUSERS

XG-LT

Light Troffer Diffuser



Models are architecturally pleasing and reduce ceiling clutter by integrating the ceiling diffuser into the light fixture.

LAMINAR FLOW DIFFUSERS

HLC-CLF

Multichamber
Laminar Flow Diffuser



Model is engineered for supply air distribution in cleanrooms and operating rooms. The multichamber design ensures low velocity laminar flow.

HLC-LFD

Laminar Flow
Supply Diffuser



Models are engineered for clean supply air distribution in operating and cleanrooms to supply a low velocity vertical "piston" of conditioned air.

HLC-GSL

Laminar Flow Diffuser
with Gel-Seal Filter



Model is engineered to help control particle contamination; applications include cleanroom, laboratories and hospital operating rooms.

RADIAL FLOW DIFFUSERS

HLC-FFR

Radial Flow
Supply Diffuser



Models are engineered for supply air distribution in critical environments such as chem. labs and cleanrooms. Radial diffusers supply large volumes of air with very short throw patterns.

HLC-GFR

Radial Flow Diffuser
with Gel-Seal Filter



Model includes a gel-seal filter and is engineered for supply air distribution in critical environments such as chem. labs and cleanrooms.

SURGICAL AIR CURTAINS

HLC-SAC

Operating Room Surgical
Air Curtain System



Model provides control over particulate matter in the operating room environment. It provides the highest standard of air cleanliness.

RECTANGULAR DISPLACEMENT DIFFUSERS

XG-DD-REC

Rectangular Wall-Mounted Displacement Diffuser



Model is designed for wall mounting around the periphery of a room. Our uniquely designed mounting system allows for quick and easy installation.

XG-DD-CU

Triangular Corner Unit Displacement Diffuser



Model is designed for mounting in corners of rooms. Our uniquely designed mounting system allows for quick and easy installation.

ROUND DISPLACEMENT DIFFUSERS

XG-DD-RD-360

True Round, Free Standing Displacement Diffuser



Model has 360° airflow designed for wall mounting around the periphery of a room. Easy to install.

XG-DD-RD-180

Semi-Round Displacement Diffuser



Model has 180° airflow designed for wall mounting around the periphery of a room. Easy to install.

XG-DD-RD-90

Quarter Round Corner Displacement Diffuser



Model is designed for corner mounting. This unit provides 90° coverage allowing for low velocity displacement diffusion.

IN-WALL MOUNT DISPLACEMENT DIFFUSERS

XG-DD-WALL-1W

In-Wall, One Way Displacement Diffuser



Model is designed for mounting inside of walls. Units are available with heights up to 60" and widths up to 36".

XG-DD-WALL-FM

Flush Mount Displacement Diffuser



Model is a spring-clip mount perforated face displacement diffuser perfect for blending in the space architecture. It provides one-way diffusion and can be custom sized.