

Specification Sheet

LGC Linear Grille Configuration

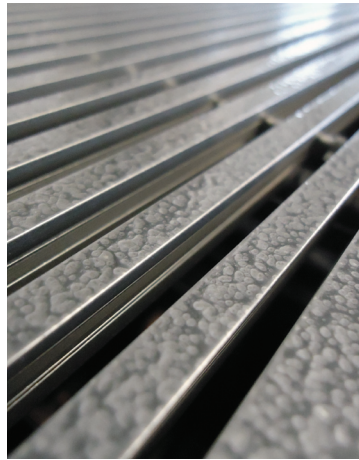
Description

LGC (Linear Grille Configuration) options are designed for use with the AirFixture line of linear air terminals. Alternatively, they can be mounted directly in a raised access floor or perimeter trench.

Linear grilles are made of extruded aluminum, with an 800–1250 lb. (363–567 Kg) force rating (varies based on grille depth / width). 1/4" (6mm) linear bars with a 15° air flow angle are standard, with alternative options available.

All grilles are fully manufactured to specification, in a variety of dimensions and configurations. Ten (10) standard colors are available; custom colors and finishes can be provided to match architectural design.

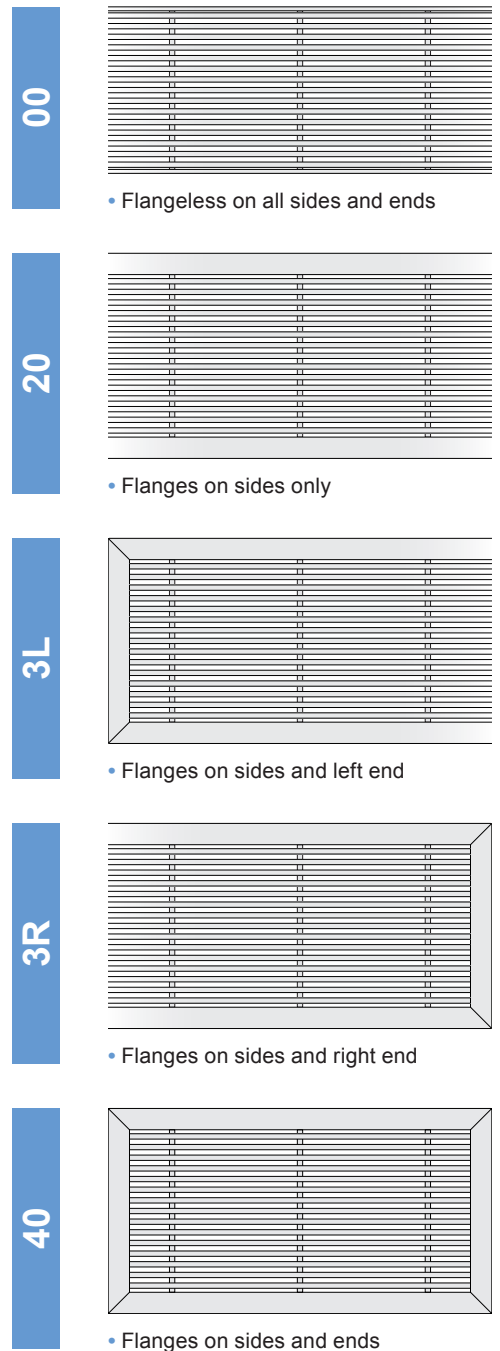
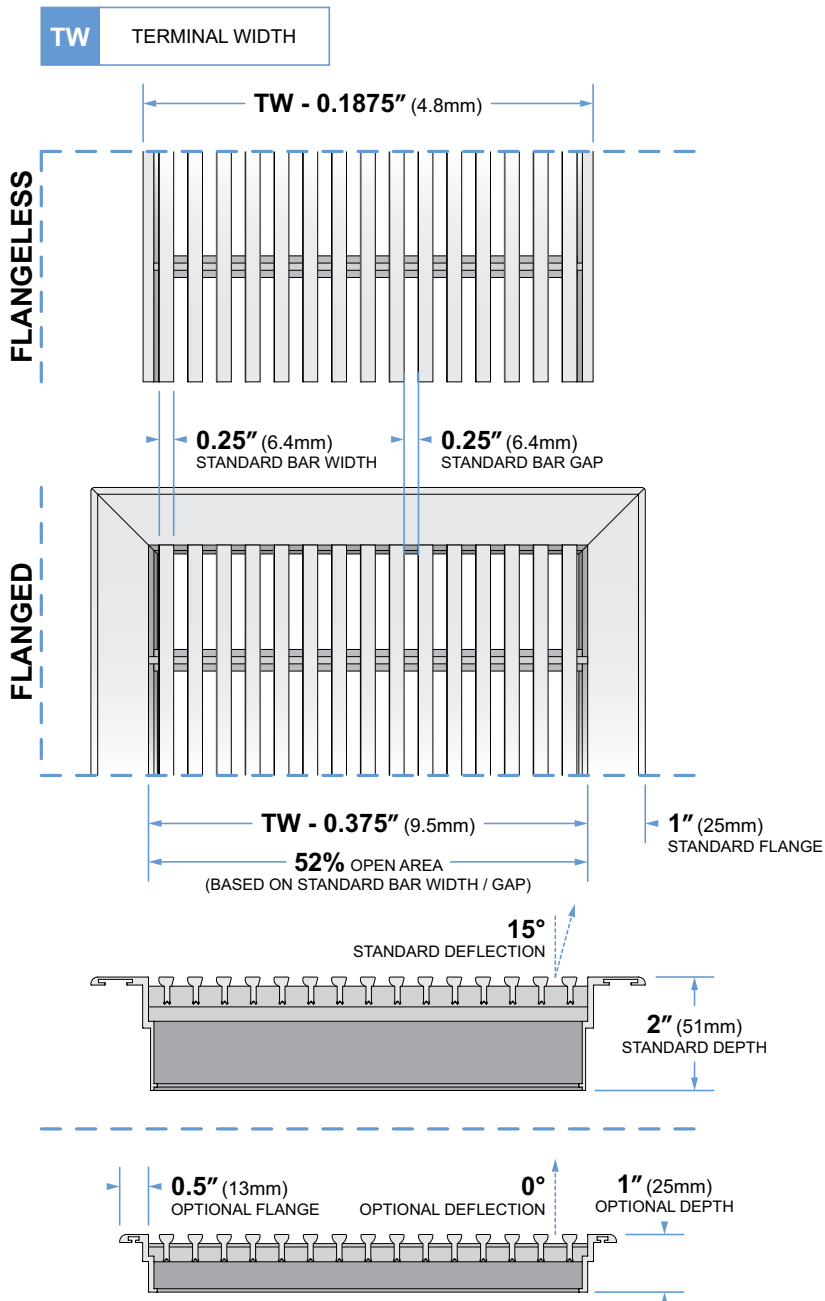
Optional blank-off plates prevent under floor plenum air leakage through aesthetic sections of linear grille that are not mounted in a sealed air terminal.



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Configuration



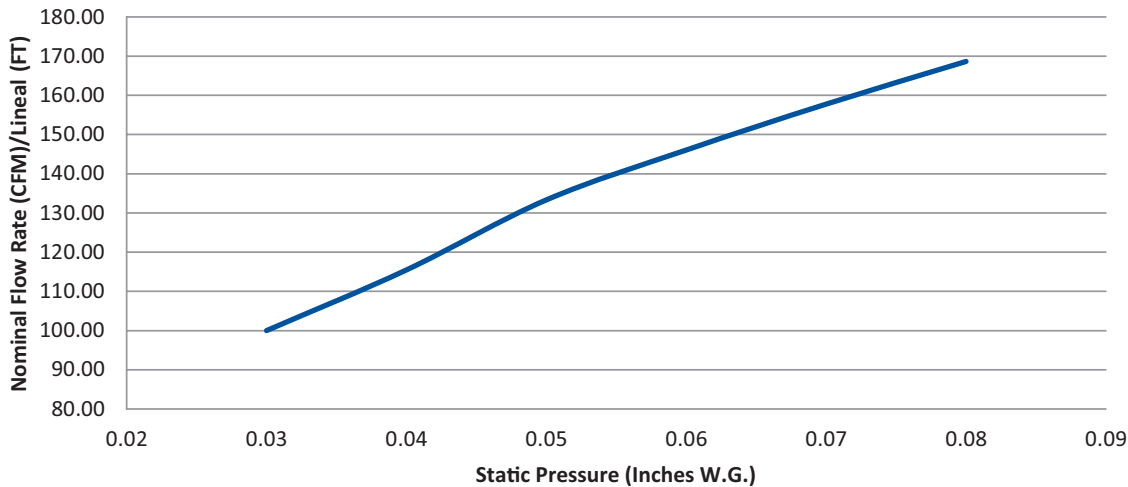
ALL DIMENSIONS NOMINAL +/- 0.1" (2.5mm)

Specification Sheet

LGC Linear Grille Configuration

4" (102mm) Wide Performance

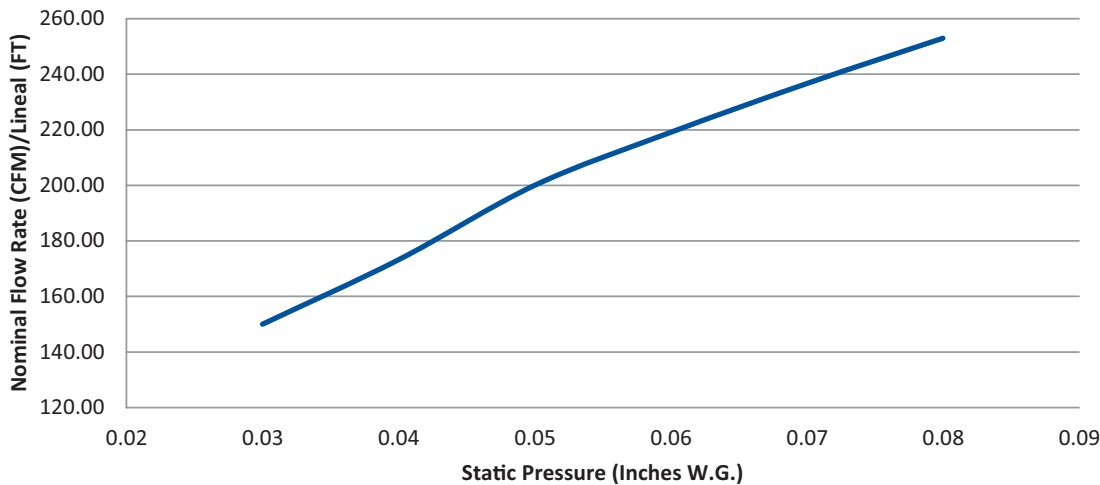
Air Flow Performance Per Lineal Foot
Based on 4" (102mm) Wide Grille



NOTE: Air flow is dependant on grille inlet conditions.

6" (152mm) Wide Performance

Air Flow Performance Per Lineal Foot
Based on 6" (152mm) Wide Grille



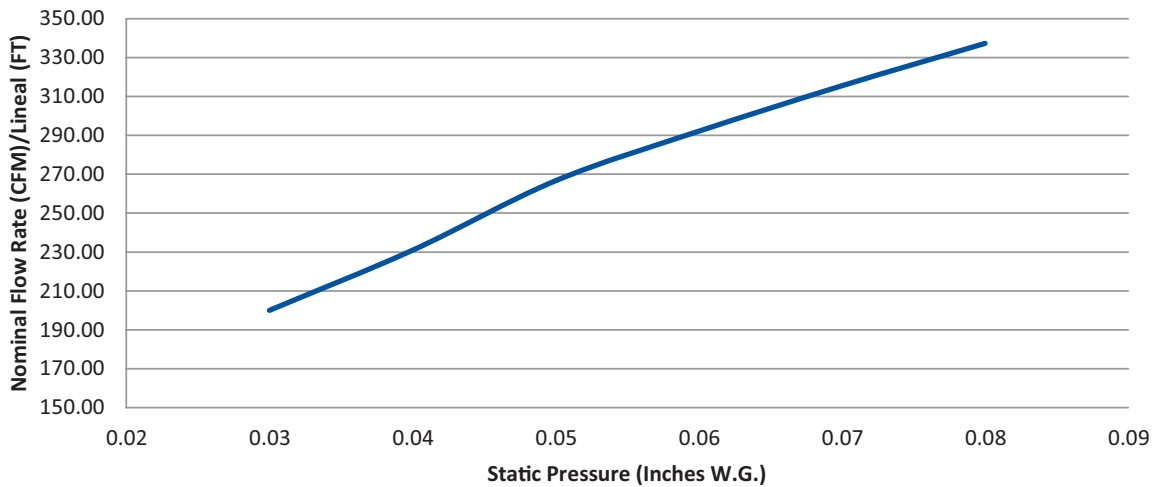
NOTE: Air flow is dependant on grille inlet conditions.

Specification Sheet

LGC Linear Grille Configuration

8" (203mm) Wide Performance

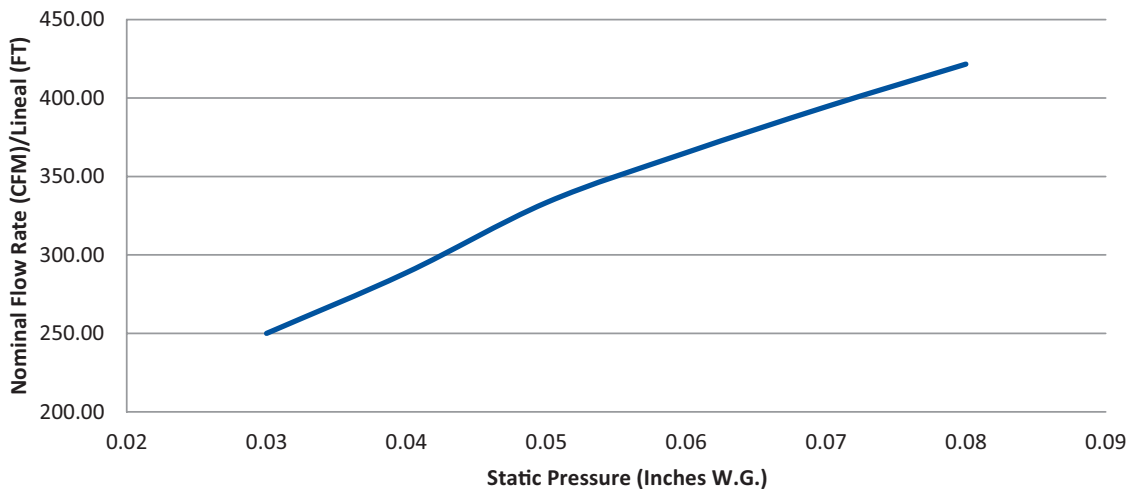
Air Flow Performance Per Lineal Foot
Based on 8" (203mm) Wide Grille



NOTE: Air flow is dependant on grille inlet conditions.

10" (254mm) Wide Performance

Air Flow Performance Per Lineal Foot
Based on 10" (254mm) Wide Grille



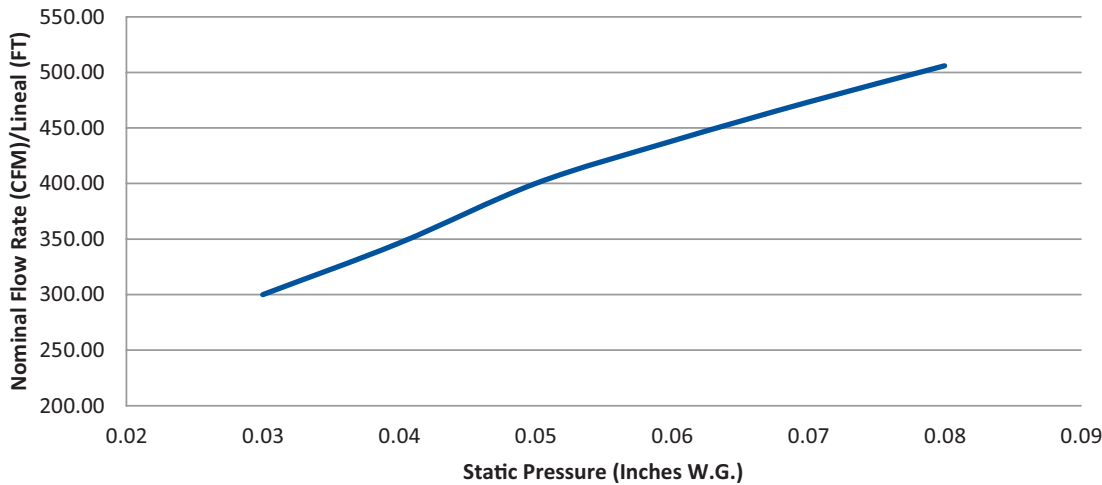
NOTE: Air flow is dependant on grille inlet conditions.

Specification Sheet

LGC Linear Grille Configuration

12" (305mm) Wide Performance

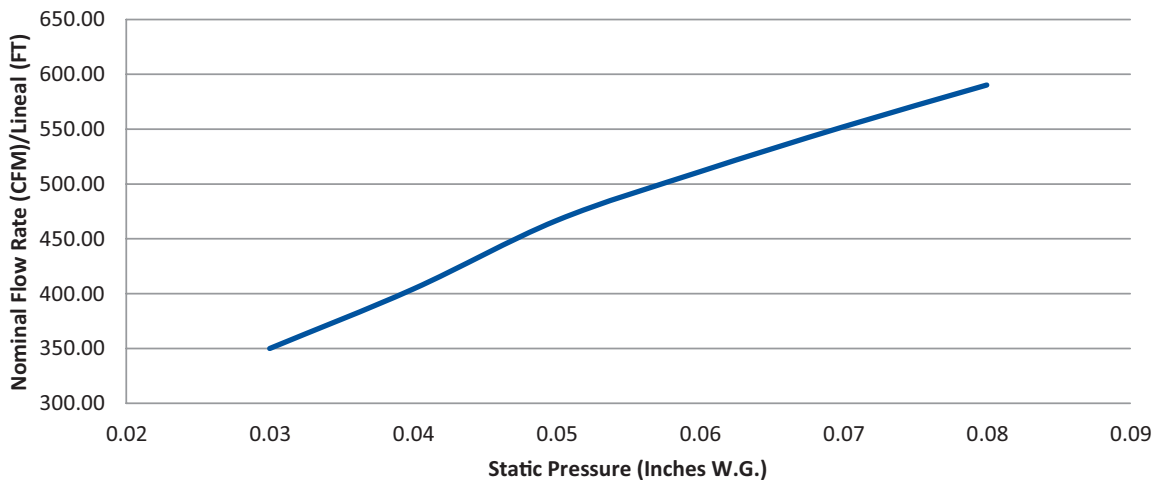
Air Flow Performance Per Lineal Foot
Based on 12" (305mm) Wide Grille



NOTE: Air flow is dependant on grille inlet conditions.

14" (356mm) Wide Performance

Air Flow Performance Per Lineal Foot
Based on 14" (356mm) Wide Grille



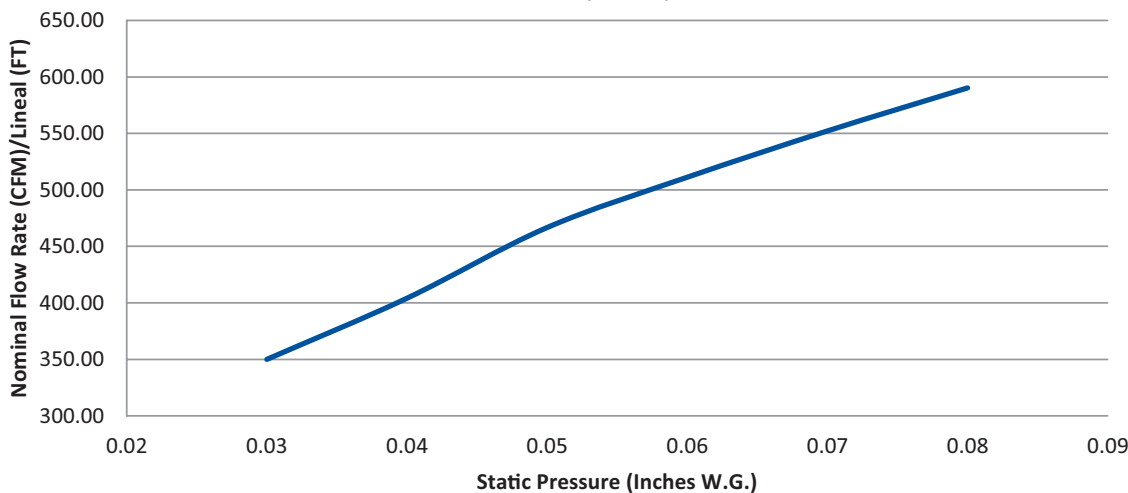
NOTE: Air flow is dependant on grille inlet conditions.

Specification Sheet

LGC Linear Grille Configuration

16" (406mm) Wide Performance

Air Flow Performance Per Lineal Foot
Based on 16" (406mm) Wide Grille



NOTE: Air flow is dependant on grille inlet conditions.

Specifications

Application:	AirFixture Linear Terminals / Raised Access Floors / Perimeter Trenches
Grille Rating:	Extruded Aluminum Conforms to NFPA 90a 1250 lbs. (567 Kg) Load Strength 2" (51mm) Deep 800 lbs. (363 Kg) Load Strength 1" (25mm) Deep NOTE: Grilles 10" (254mm) Wide or More Will Have Reduced Load Strength
Grille Dimensions:	Custom Available (Specify on Order)
Flange Configuration:	Flangeless (00) No Flanges on Sides / Ends Continuous Flanged (20) 1" (25mm) Flange on Sides Only Left Flanged (3L) 1" (25mm) Flange on Sides + Left End Right Flanged (3R) 1" (25mm) Flange on Sides + Right End Fully Flanged (40) 1" (25mm) Flange on All Sides / Ends OPTIONAL: 0.5" (13mm) Flange Available (Specify on Order)
Bar Configuration:	Bar Width: 0.25" (6.4mm) Nominal Standard Bar Gap: 0.25" (6.4mm) Nominal Minimum Bar Gap: 0.1875" (4.8mm) Nominal 52% Open Area (Nominal; Based on Standard 0.25" (6.4mm) Bar Width / Bar Gap)

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