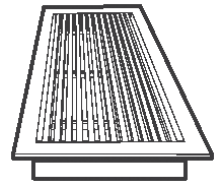


# LINEAR FLOOR GRILLE - LFG

## DESCRIPTION & FEATURES

Floor Grilles are designed and manufactured to suit areas of pedestrian traffic with safety. A removable core with 50% free area enables ductwork cleaning with ease. They are available in various formats; flangeless, exposed flange and reversed flange, suitable for virtually any application. Opposed blade dampers (OB), Equalising Grids (EQG) and special mitred corner sections are available. (Please request separate data sheet for heavy duty computer room floor grilles)

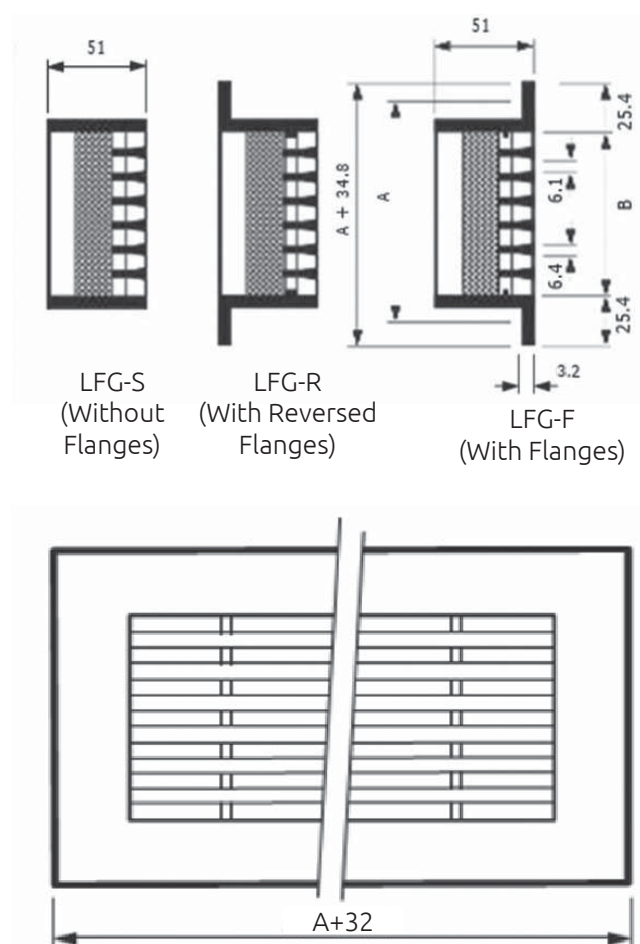


LFG Grilles are manufactured from extruded aluminium sections, the mitred corners being fully welded and finished.

As standard the front face is finished aluminium, or polyester powder coated to the customer's colour requirement.

FLG ORDERING CODE	
Series	<b>LFG</b>
Frame	<b>S</b> - Standard (no flanges) <b>F</b> - With Flange <b>R</b> - Reverse Flange
Deflect	<b>15</b> - 15° Fixed 6.1mm Wide Blades <b>0</b> - 0° Fixed 6.1mm Wide Blades
Access	<b>RB</b> - Adjustable Rear Blades <b>OR</b> - Damper & Adjustable Rear Blades <b>0</b> - Not Applicable <b>EQG</b> - Equilising Grid
Fixing	<b>F0</b> - No fixings <b>F1</b> - CSK Flange Fixing Holes
Finish	<b>1</b> - (Mill Finish) <b>2</b> - RAL9006 (Silver/Grey) <b>3</b> - RAL9010 (White) <b>4</b> - RAL9005 (Black) <b>5</b> - RAL9003 (White) <b>6</b> - RAL9016 (White) <b>7</b> - Other RAL/BS Code (additional costs may apply) <b>8</b> - Chrome Finish - Powder Coated <b>9</b> - Linished Face <b>10</b> - Shadowline (Black Internal/Linished Face)
Notes:	Linear Floor Grilles can also be manufactured from various grades of Stainless Steel, please contact Sales Office.

Example: **LFG/S/15/OB/F0/1/Nominal Opening Size**

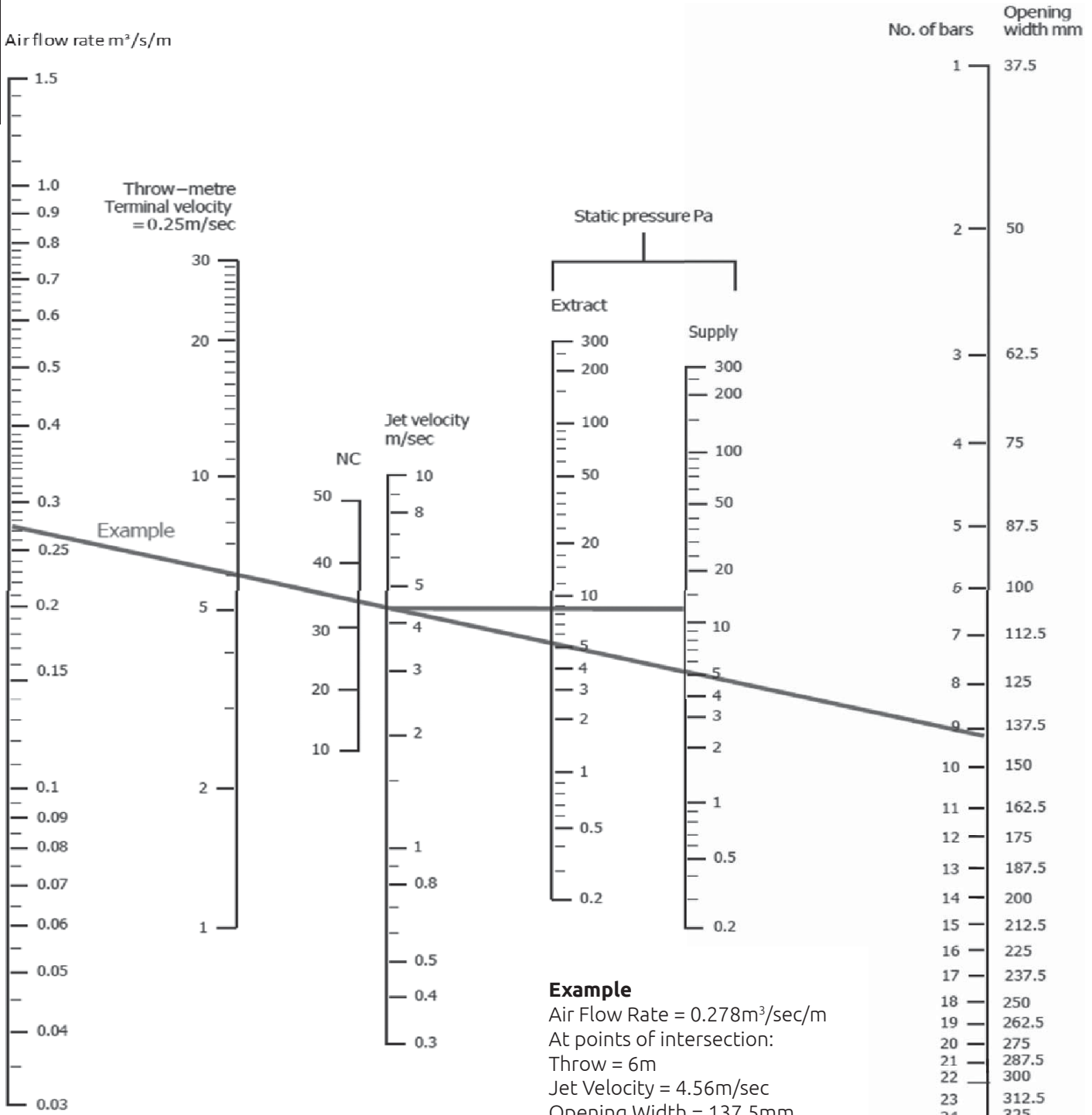


Grilles are manufactured to fit opening sizes from 50mm up to 325mm high, and up to 1800mm long in one piece. Butt joints at low continuous appearance to sections of any length. Grilles can also be manufactured to accommodate corners and columns, in which case a dimensioned drawing or template should be supplied when ordering.

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## LFG PERFORMANCE DATA

LFG



**Example**  
 Air Flow Rate = 0.278m³/sec/m  
 At points of intersection:  
 Throw = 6m  
 Jet Velocity = 4.56m/sec  
 Opening Width = 137.5mm  
 Pressure difference PA  
 Supply = 12  
 Extract = 9

**Testing with Anemometer**  
 Mean velocity 25mm from face = 70% of Jet Velocity

P1.4.R02 LFG Linear Floor Grille