



AIRTECHNIC

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Air-Conditioning & Ventilation Components & Systems

● **LINEAR HEAVY TYPE GRILLE**

for false floor panels

LH2



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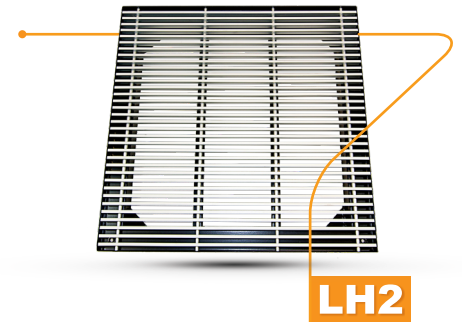
 www.instagram.com/airtechnic.chatzoudis

V. 4

Linear heavy type grille LH2

Linear heavy type grilles LH2 without outer frame, have been designed to meet increased performance and aesthetic requirements, combining modern technology with modern architecture. They are suitable for installation in air supply or exhaust systems for heating and cooling. Ideal for electronic equipment areas such as server rooms.

LH2 grilles have a frame 3 mm width, removable core with 1 row of fixed blades, external dimensions 599 x 599 mm for compatibility with false floor panels with dimensions 600 x 600 mm and screws at the back for adjusting its height. The height adjustment is achieved through the grille's face with ALLEN key. The standard height is 24 mm but it is possible to adjust the height from 25 to 50 mm in 1 mm step. The grille's weight is 10,6 kg. The maximum weight that the grille can support is 280 kg.

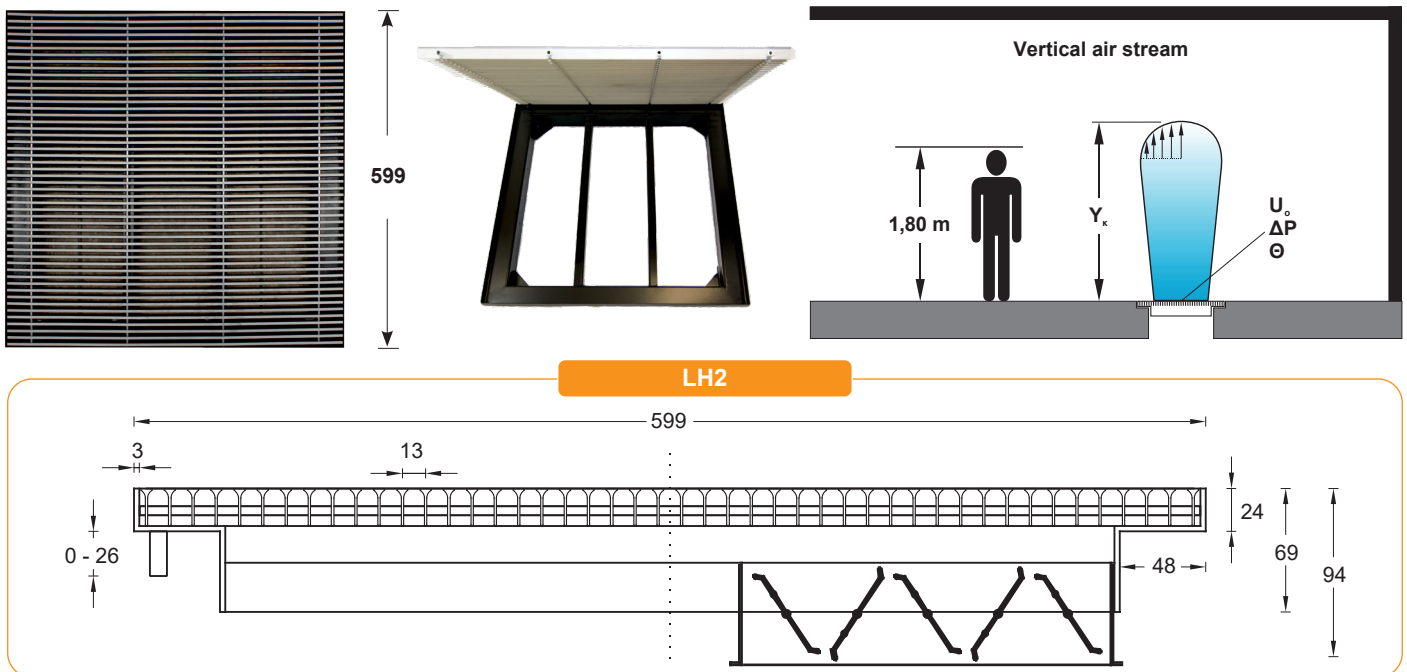


The frame is made of steel, 3 mm thick, electrostatically painted in RAL 9005 (black) color, while the blades are made of anodized aluminum for great anti-corrosion protection and grille surface texture durability over time.

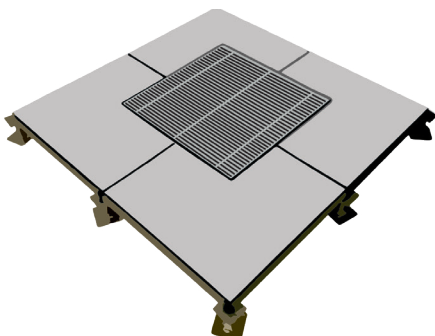
Upon request, type LH2.0 is also available with a non-removable blade core and made entirely of aluminium.

CONSTRUCTION POSSIBILITIES

- LH2** LHT (linear heavy type) grille with **removable core** with 1 row of fixed blades and external dimensions **599 x 599 mm**.
- LH2+D** LHT grille with **removable core** with 1 row of fixed blades, external dimensions **599 x 599 mm** and **volume damper**.
- LH2.0** LHT grille with **non-removable core** with 1 row of fixed blades and external dimensions **599 x 599 mm**.
- LH2.0+D** LHT grille with **non-removable core** with 1 row of fixed blades, external dimensions **599 x 599 mm** and **volume damper**.



INSTALLATION of LH2 GRILLES

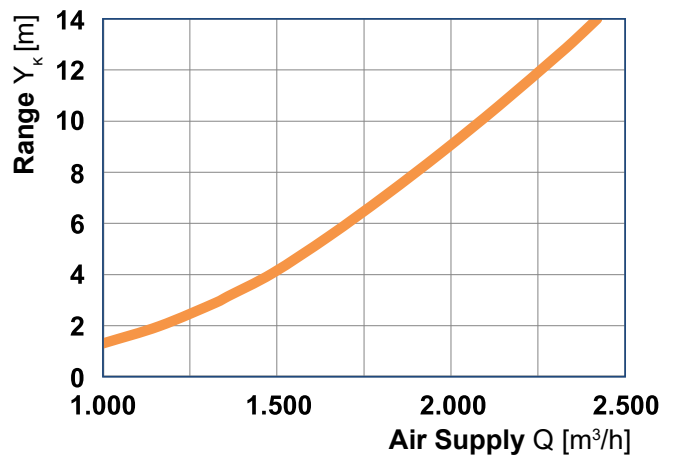
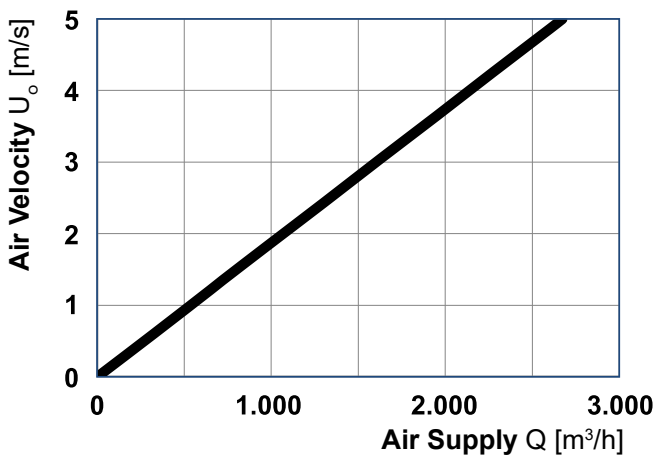
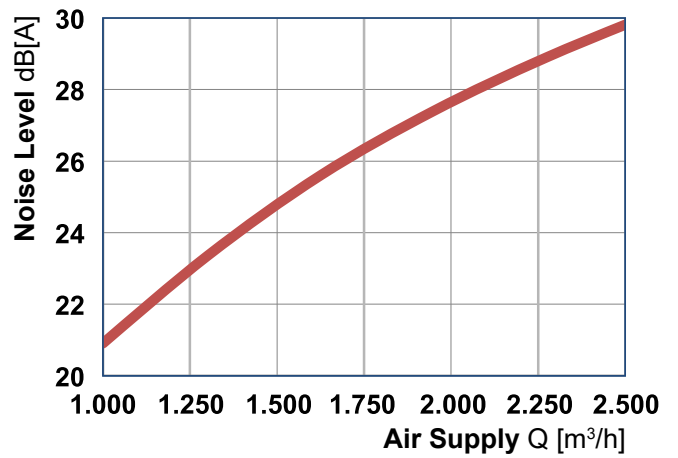
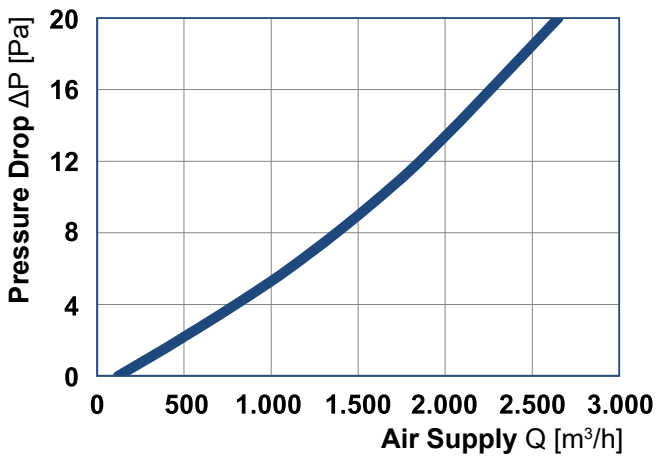


1. False floor installation.

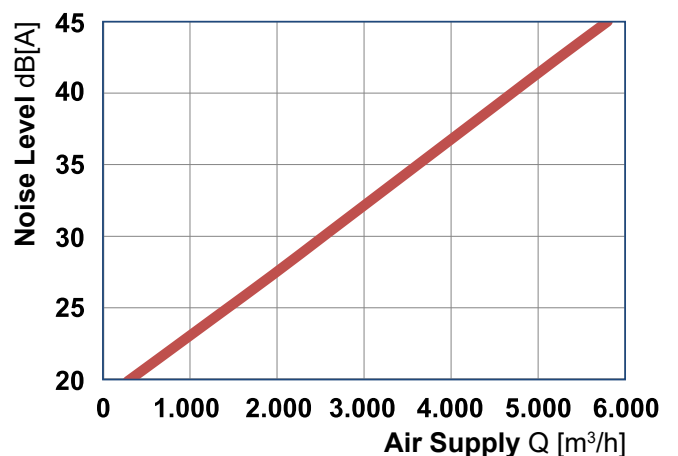
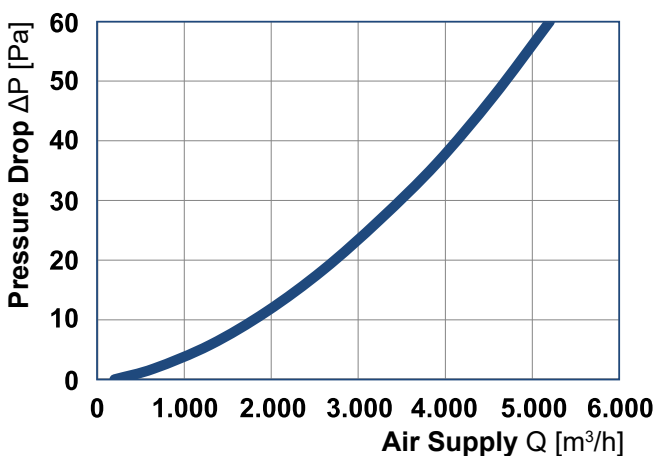
The height adjustment, for alignment with the floor, is done with an ALLEN type screw from the face of the grille, without removing the core.



QUICK SELECTION DIAGRAMS LH2 - AIR SUPPLY

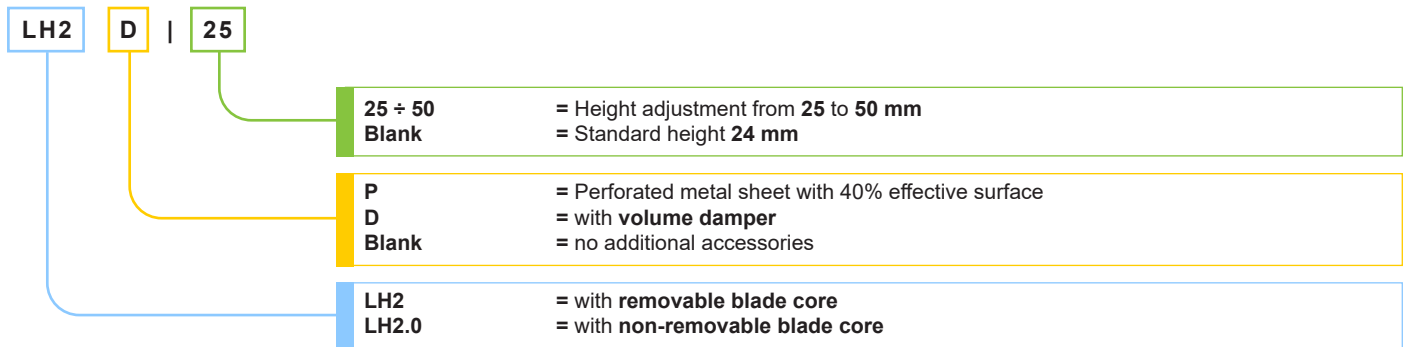


QUICK SELECTION DIAGRAMS LH2 - AIR EXHAUST



LH2 - ORDER

For the proper order of **LH2** grilles please use the following code :



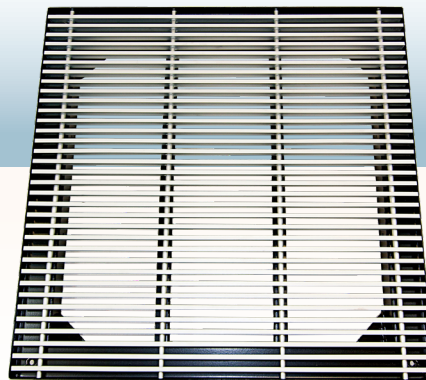
SPECIFICATIONS

Linear grille heavy type for false floors, with removable core, LH2

Linear grille heavy type without outer frame, indicative type **LH2** of **AIRTECHNIC**, with steel frame, 3 mm in width, painted in RAL 9005 (black) color and **removable core** with 1 row of fixed blades made of anodized aluminum. The manufacturer will have performed measurements of the technical characteristics of the grille, in an independent laboratory. The grille will have external dimensions of 599 x 599 mm for compatibility with false floor panels with dimensions 600 x 600 mm and screws at the back for adjusting its height. The height adjustment will be achieved through the grille's face with Allen key. The standard height will be 24 mm but it will be possible to adjust the height from 25 to 50mm in 1 mm steps. The grille's weight will be 10,6 kg. It will have a volume damper [**D**] / perforated metal sheet with 40% free surface [**P**]. The factory will be certified according to **ISO 9001:2015** (Quality Management Systems) and according to **ISO 14001:2015** (Environmental Management Systems). It will be manufactured by **AIRTECHNIC** type **LH2 / LH2 +D, +P**

Linear grille heavy type for false floors, without removable core, LH2.0

Linear grille heavy type without outer frame, indicative type **LH2.0** of **AIRTECHNIC**, with aluminium frame, 3 mm in width, painted in RAL 9005 (black) color and **non-removable core** with 1 row of fixed blades made of anodized aluminum. The manufacturer will have performed measurements of the technical characteristics of the grille, in an independent laboratory. The grille will have external dimensions of 599 x 599 mm for compatibility with false floor panels with dimensions 600 x 600 mm and screws at the back for adjusting its height. The height adjustment will be achieved through the grille's face with Allen key. The standard height will be 24 mm but it will be possible to adjust the height from 25 to 50 mm in 1 mm steps. The grille's weight will be 11,6 kg. It will have a volume damper [**D**] / perforated metal sheet with 40% free surface [**P**]. The factory will be certified according to **ISO 9001:2015** (Quality Management Systems) and according to **ISO 14001:2015** (Environmental Management Systems). It will be manufactured by **AIRTECHNIC** type **LH2.0 / LH2.0 +D, +P**





ISO 9001:2015



ISO 14001:2015

Management System
ISO 14001:2015
Valid until:
2024-05-24



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