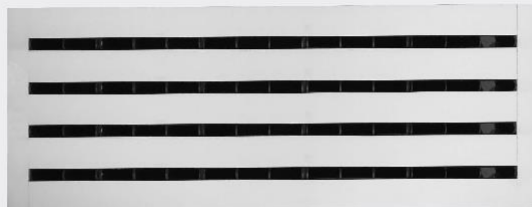


4-slot PVC linear diffusers

4-SLOT PVC LINEAR DIFFUSERS



view of a cut speaker

CARATTERISTICHE

Slotted linear diffuser with directional nozzle terminals (series -DL/4A---_) or without directional nozzles (-DL/4B---B series).

Materiali di costruzione

- Per il telaio-cornice: PVC anticondensa.
- For directional nozzles and their supports (for -DL/4A---_): ABS

Color

- For the frame-frame: white RAL 9010.
- For directional nozzles and their supports (for the -DL/4A--- series): black RAL 9005.
- For directional nozzles and their supports (for the -DL/4A---B series): white RAL 9010.

Degree of extinction
Class V0.

Operating temperature
-30°C/+60°C.

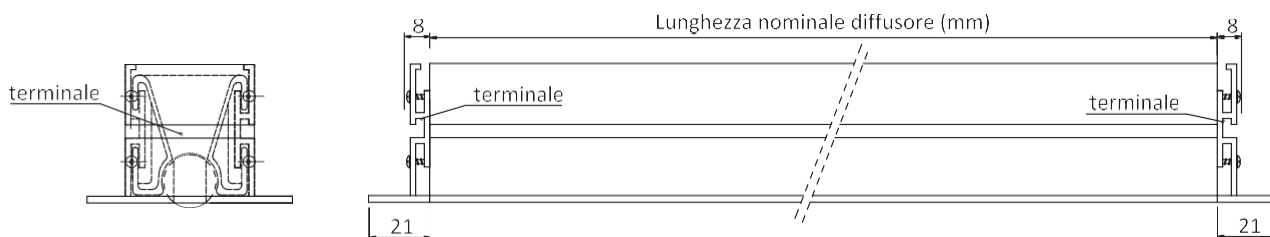
Method of fixation

Variable depending on the plenum to which the diffuser is associated.

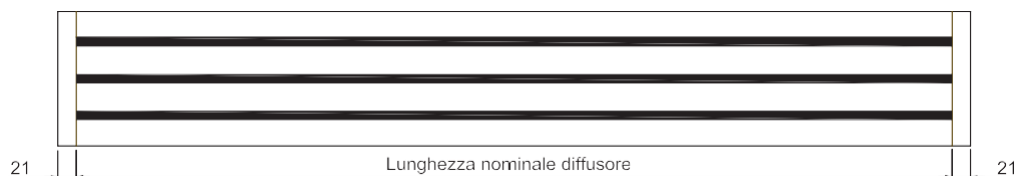
ACCESSORIES (optional)

- ADF-EASYP series anti-condensation PVC plenum (see related data sheet).
- PVC anti-condensation sliding damper ADF-S/04 series (only in combination with PVC plenum).
- Plenum made of expanded polyisocyanurate PAL/04 series.
- Sheet metal sliding damper series -S/04 (not suitable for PVC plenums).

GENERIC DIMENSIONAL



VISTA LONGITUDINALE DI DIFFUSORE mod. DL [con terminali]
N.B.: lunghezza minima+max del plenum del diffusore = lunghezza nominale + 20+25 mm

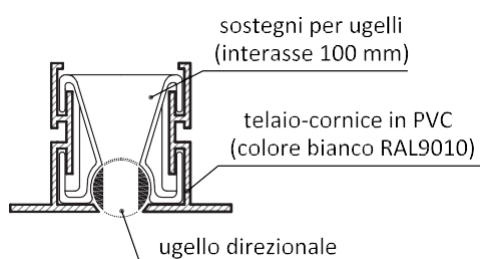


VISTA FRONTALE - modello DL [con terminali]
(in particolare è rappresentato un modello a 3 fentioie)

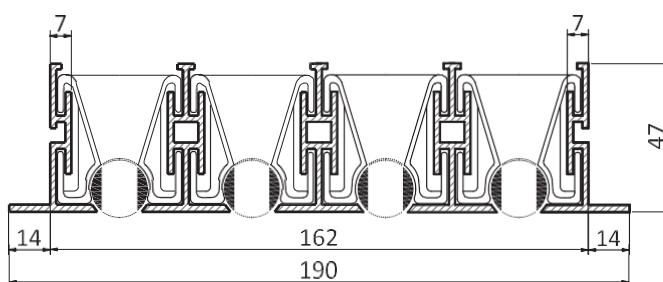
QUICK SELECTION TABLE

| Code | Number of slits | Diffuser length [mm] | Effective area [m ²] | Flow rate (m ³ /h) with v = 1 m/s Pressure drop: 2 Pa | Flow rate (m ³ /h) with v = 2 m/s Pressure drop: 4 Pa | Flow rate (m ³ /h) with v = 2.5 m/s Pressure drop: 6 Pa | Flow rate (m ³ /h) with v = 3 m/s Pressure drop: 9 Pa | Flow rate (m ³ /h) with v = 4 m/s Pressure drop: 13 Pa |
|-------------|-----------------|----------------------|----------------------------------|---|---|---|---|--|
| -DL/4A600_ | 4 | 600 | 0.0360 | 130 | 260 | 325 | 390 | 520 |
| -DL/4A800_ | 4 | 800 | 0.0480 | 173 | 346 | 433 | 519 | 692 |
| -DL/4A1000_ | 4 | 1000 | 0.0600 | 216 | 432 | 540 | 648 | 864 |
| -DL/4A1200_ | 4 | 1200 | 0.0720 | 260 | 520 | 650 | 780 | 1040 |
| -DL/4A1600_ | 4 | 1600 | 0.0960 | 347 | 693 | 866 | 1038 | 1384 |
| -DL/4A2000_ | 4 | 2000 | 0.1200 | 432 | 864 | 1080 | 1296 | 1728 |

SECTIONAL DRAWINGS OF DL SERIES SLOT LINEAR DIFFUSERS



SEZIONE descrittiva



SEZIONE modello a 4 feritoie

Grafico del lancio (in metri, a velocità terminale di 0,25 m/s) dei diffusori lineari serie DL con ugelli di lunghezza 600 mm a 1, 2, 3, 4 feritoie

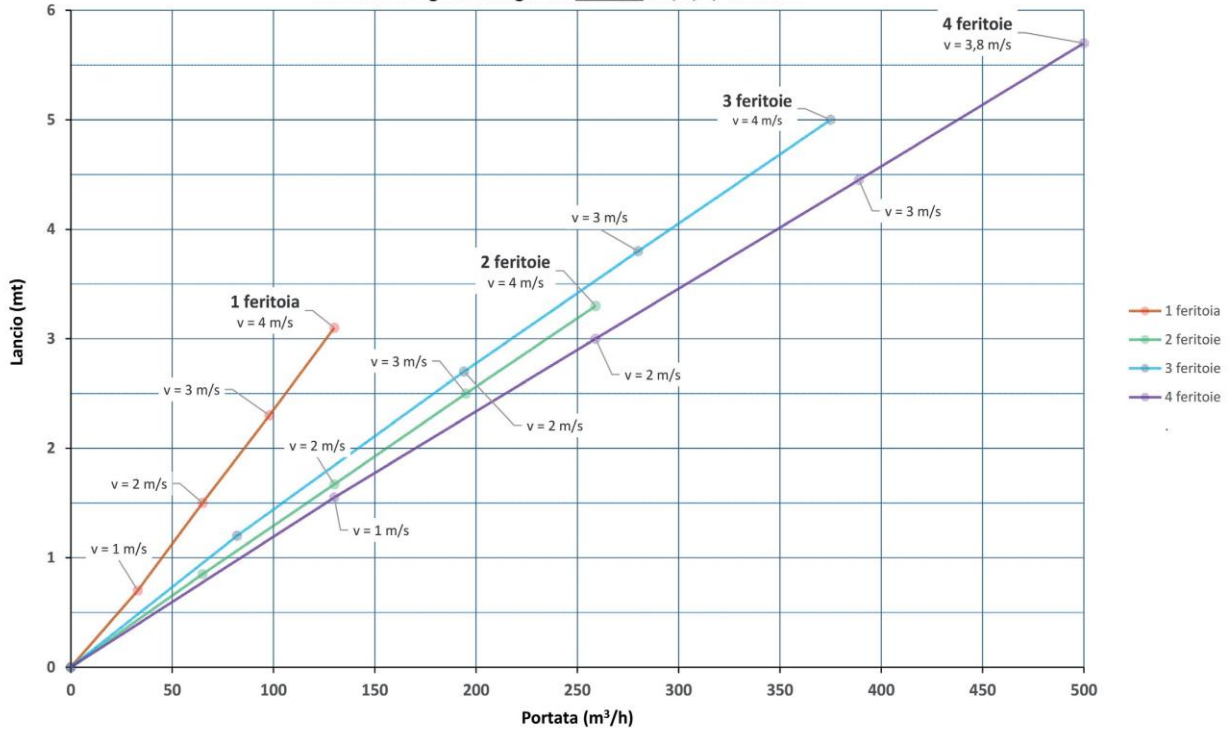


Grafico del lancio (in metri, a velocità terminale di 0,25 m/s) dei diffusori lineari serie DL con ugelli di lunghezza 800 mm a 1, 2, 3, 4 feritoie

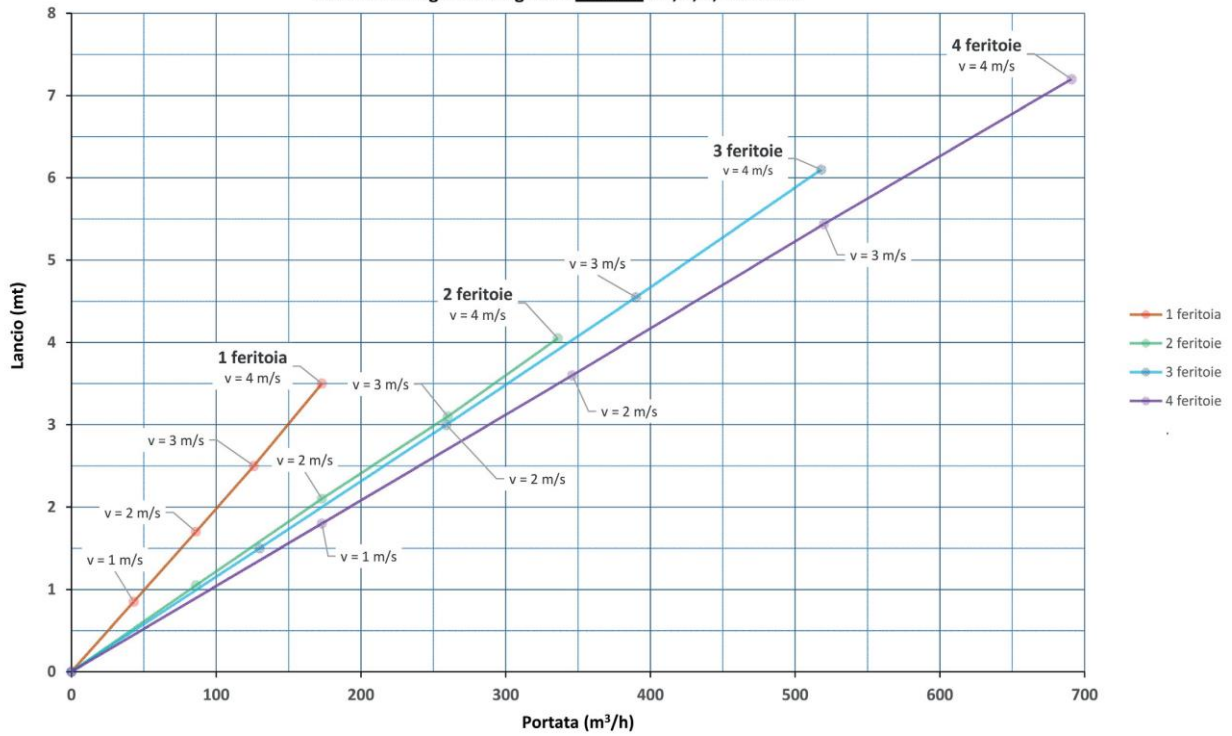
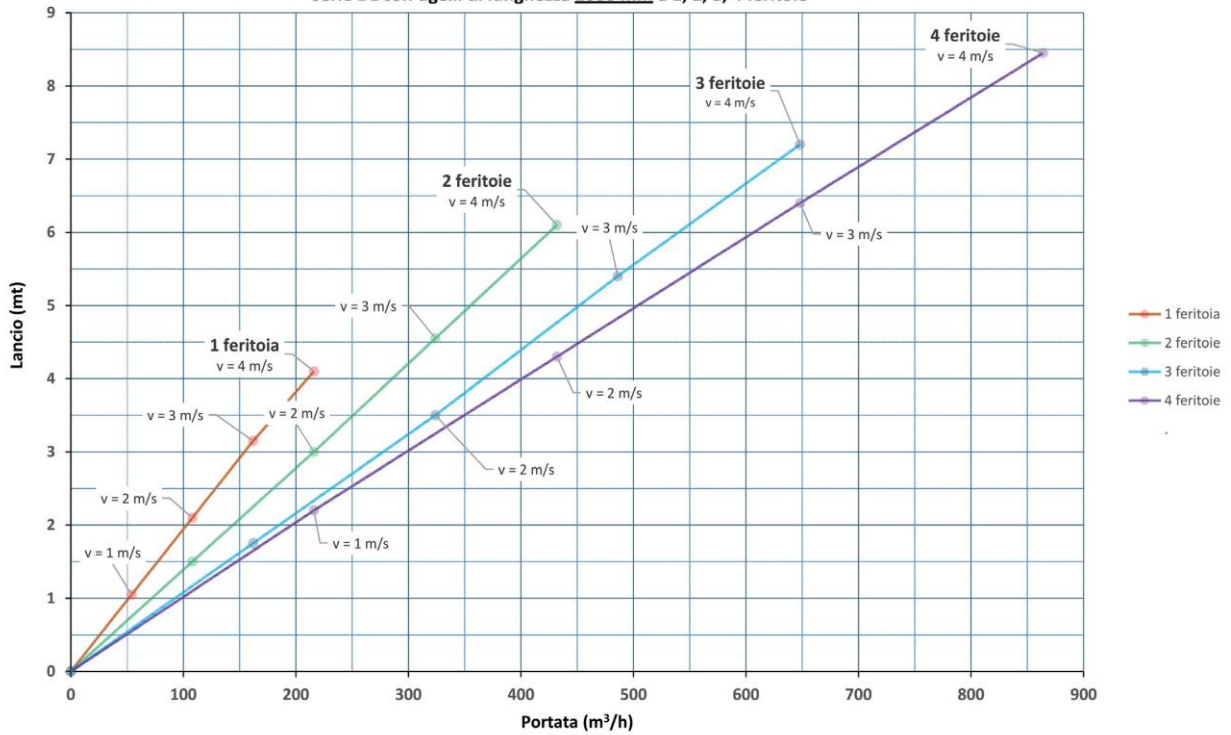
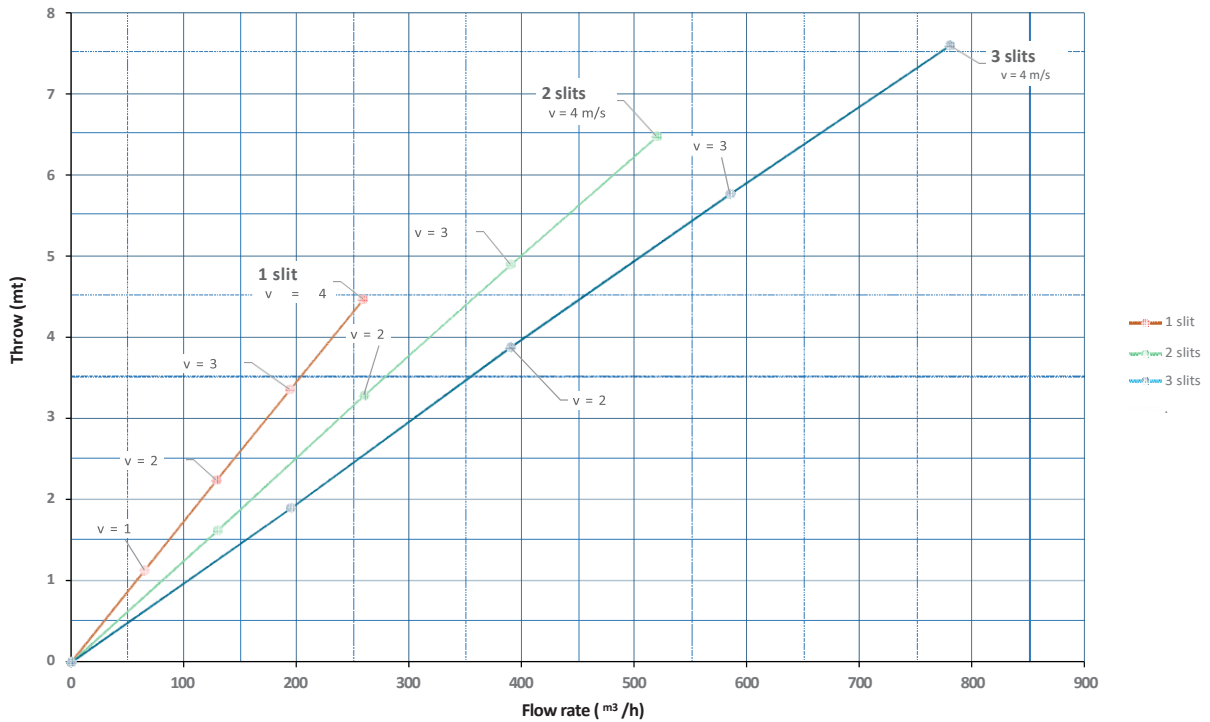


Grafico del lancio (in metri, a velocità terminale di 0,25 m/s) dei diffusori lineari serie DL con ugelli di lunghezza 1000 mm a 1, 2, 3, 4 feritoie



Launch graph (in meters, at terminal velocity of 0.25 m/s) of the DL series linear diffusers with nozzles of length 1200 mm with 1, 2, 3 slots



GRAPHI

Launch graph (in meters , at terminal velocity of 0 , 25 m/s) of the DL series linear diffusers with nozzles of length 1600 mm to 1, 2, 3 slits

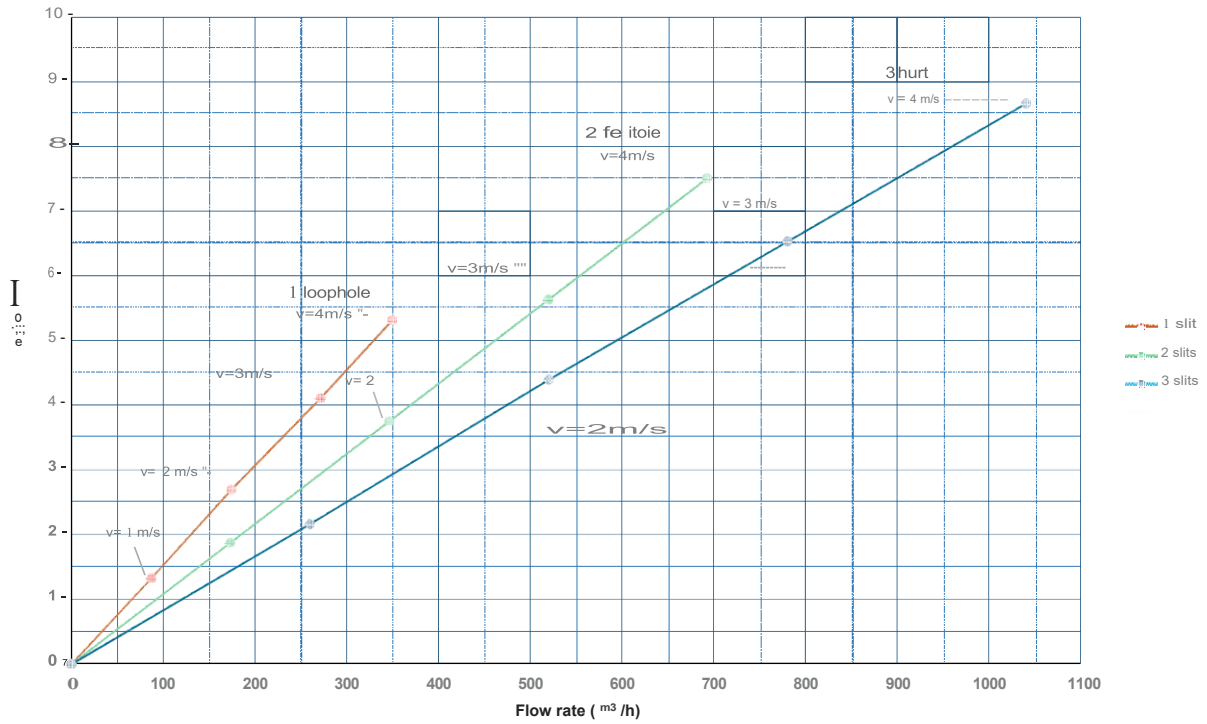
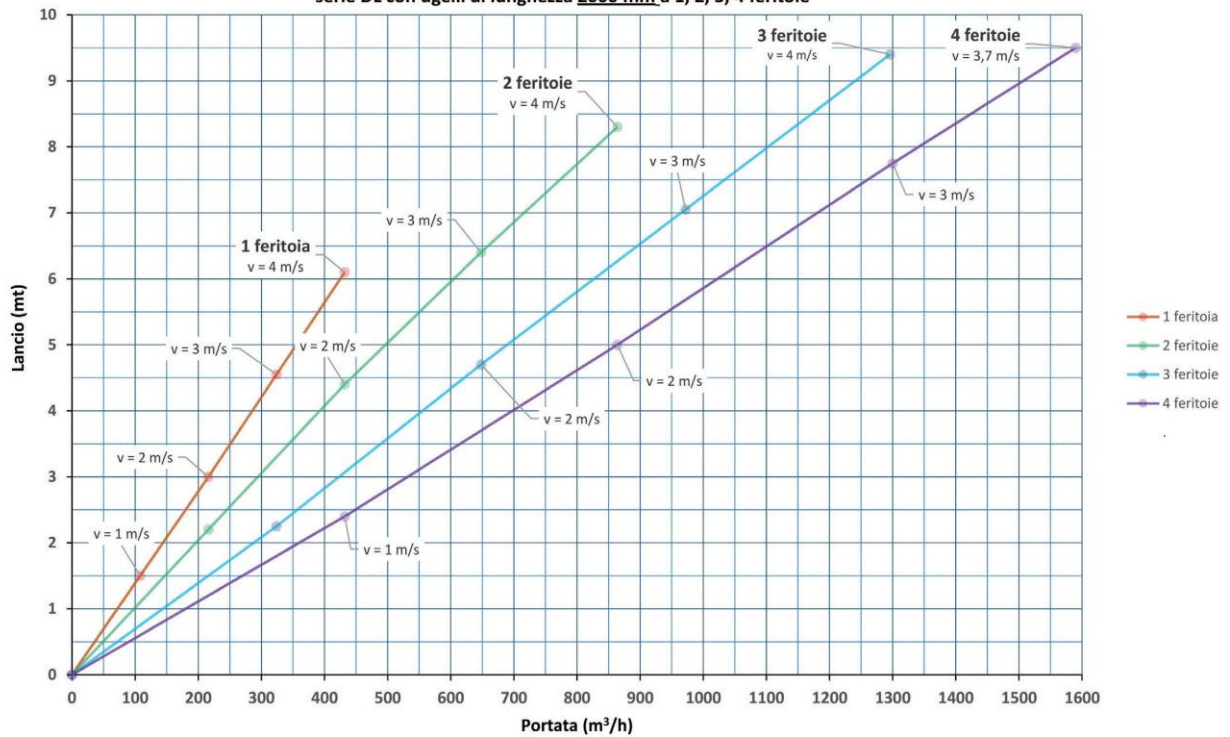


Grafico del lancio (in metri, a velocità terminale di 0,25 m/s) dei diffusori lineari serie DL con ugelli di lunghezza 2000 mm a 1, 2, 3, 4 feritoie



REV 10/2024