

PVC 3-slot linear diffusers

DL SERIES 3-SLOT PVC LINEAR DIFFUSERS



view of a cut diffuser

FEATURES

Slotted linear diffuser with directional nozzle terminals (series -DL/3A---_) or without directional nozzles (-DL/3B---B series).

Construction materials

- For the body-frame: anti-condensation PVC.
- For directional nozzles and their supports (for -DL/3A---_): ABS

Color

- For the frame-frame: white RAL 9010.
- For directional nozzles and their supports (for the -DL/3A--- series): black RAL 9005.
- For directional nozzles and their supports (for the -DL/3A---B series): white RAL 9010.

Degree of extinction
Class V0.

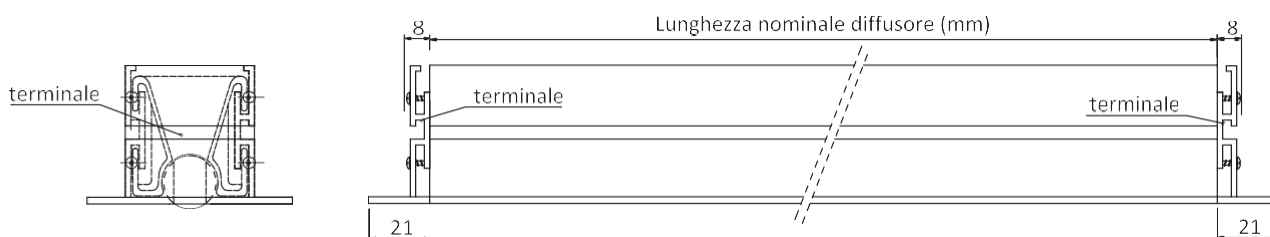
Operating temperature
-30°C/+60°C.

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

ACCESSORIES (optional)

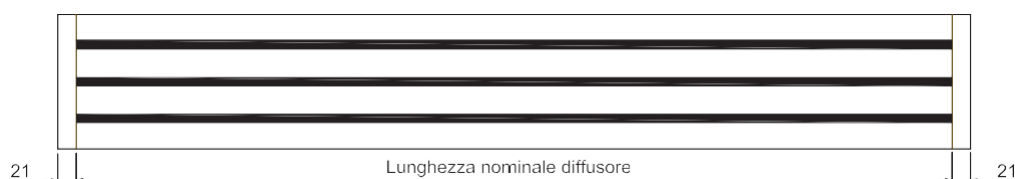
- ADF-EASYP series anti-condensation PVC plenum (see related data sheet).
- PVC anti-condensation sliding dampers ADF-S/04 series (only in combination with PVC plenum).
- Plenum made of expanded polyisocyanurate PAL/04 series.
- Sheet metal sliding dampers series -S/04 (not suitable for PVC plenums).

DIMENSIONS FOR A GENERIC DL SERIES LINEAR DIFFUSER



VISTA LONGITUDINALE DI DIFFUSORE mod. DL [con terminali]

N.B.: lunghezza minima+max del plenum del diffusore = lunghezza nominale + 20+25 mm



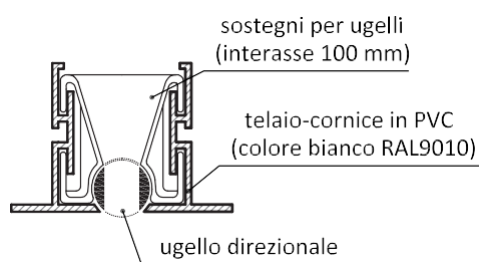
VISTA FRONTALE - modello DL [con terminali]

(in particolare è rappresentato un modello a 3 fentioie)

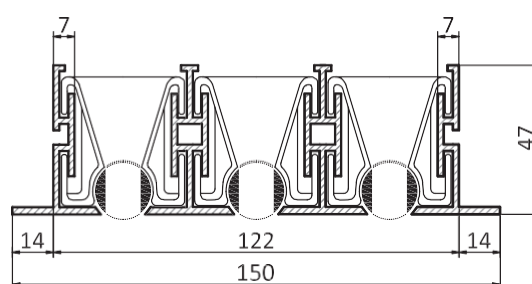
QUICK SELECTION TABLE

Code	Number of slots	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/3A600_	3	600	0.0270	97	194	243	291	388
-DL/3A800_	3	800	0.0360	130	260	325	390	520
-DL/3A1000_	3	1000	0.0450	162	324	405	486	648
-DL/3A1200_	3	1200	0.0540	195	390	488	585	780
-DL/3A1600_	3	1600	0.0720	260	520	650	780	1040
-DL/3A2000_	3	2000	0.0900	324	648	810	972	1296

SECTIONAL DRAWINGS



SEZIONE descrittiva



SEZIONE modello a 3 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

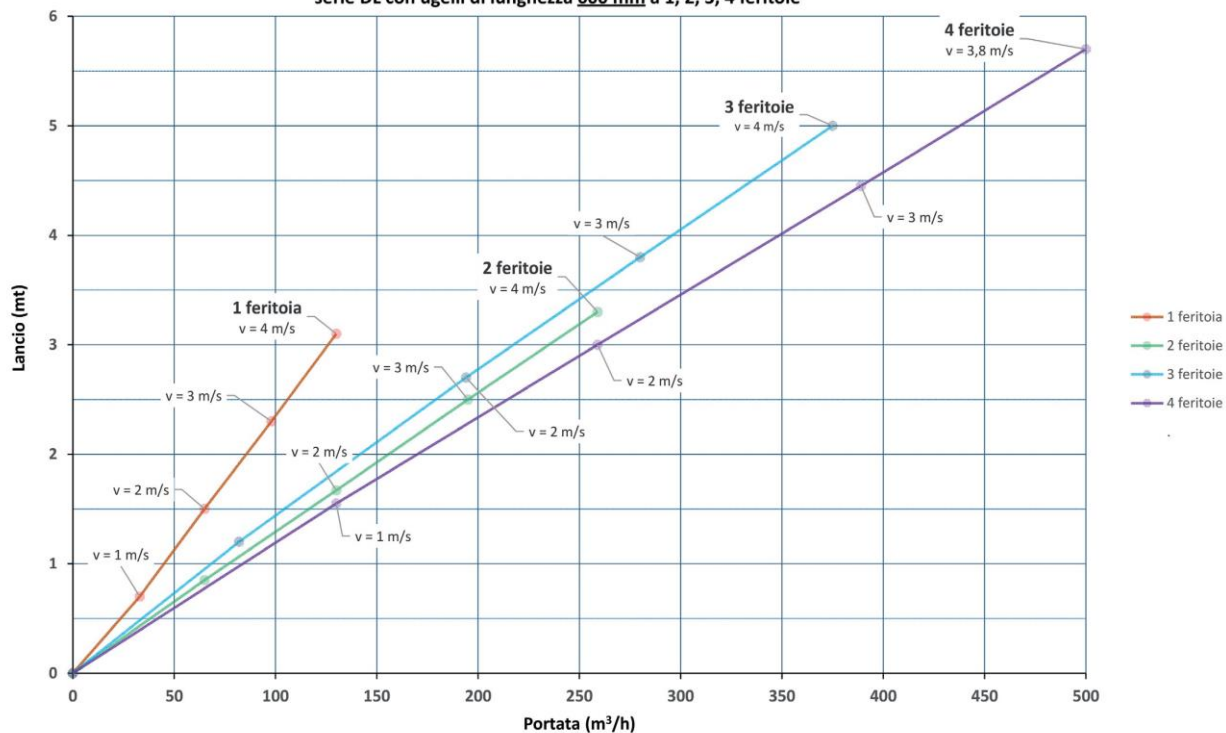


Grafico del lancio (in metri, a velocità terminale di 0,25 m/s) dei diffusori lineari serie DL con ugelli di lunghezza 800 mm a 1, 2, 3, 4 feritoie

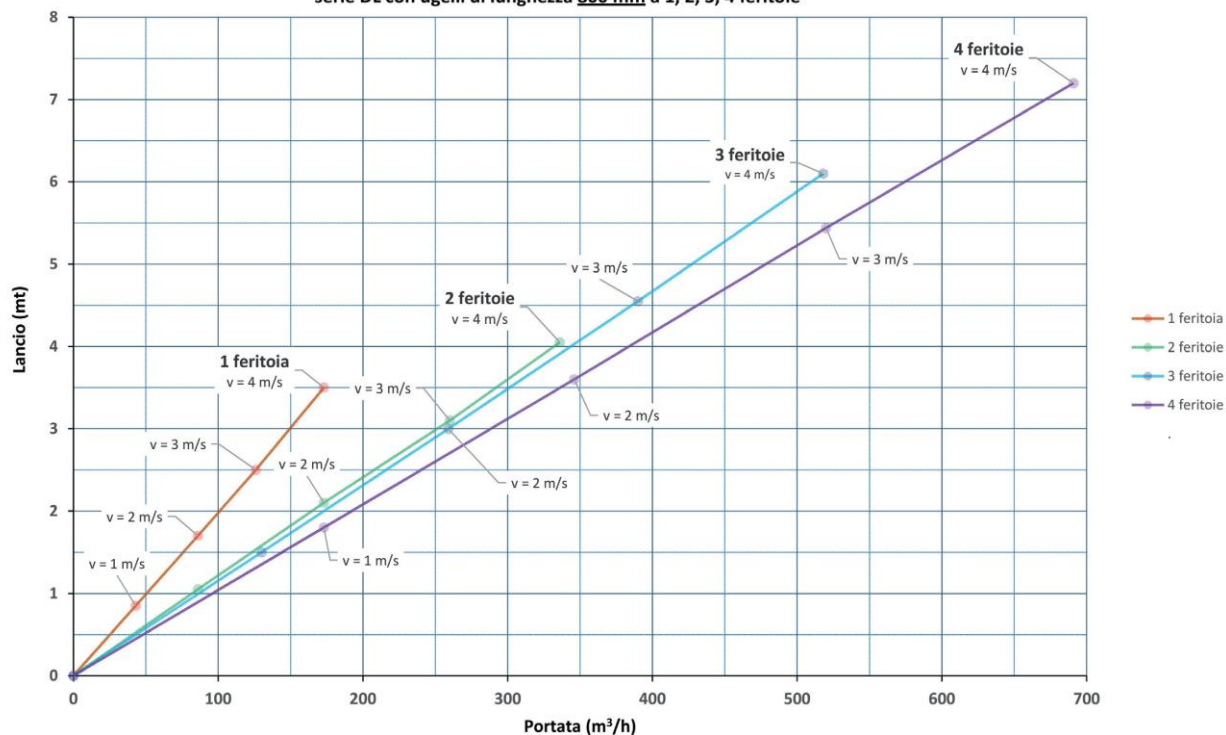


Grafico del lancio (in metri, a velocità terminale di 0,25 m/s) dei diffusori lineari serie DL con ugelli di lunghezza **1000 mm** a 1, 2, 3, 4 feritoie

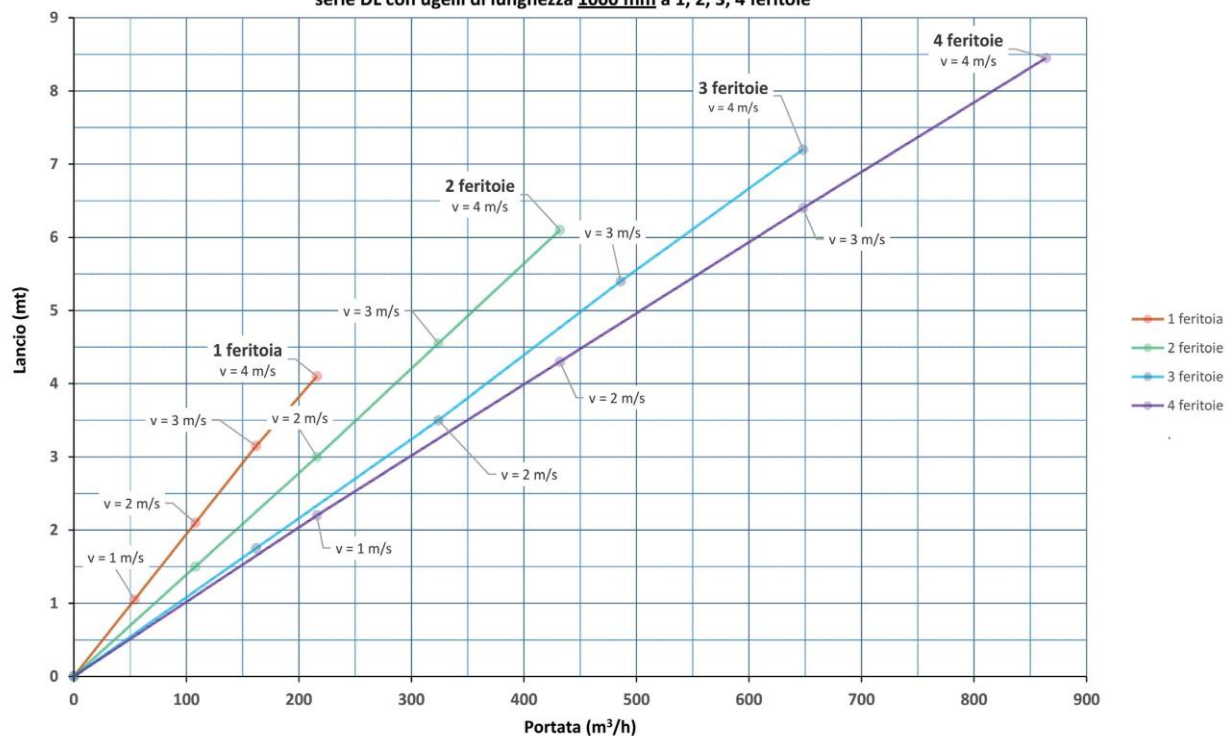


Grafico del lancio (in metri, a velocità terminale di 0,25 m/s) dei diffusori lineari serie DL con ugelli di lunghezza **1200 mm** a 1, 2, 3 feritoie

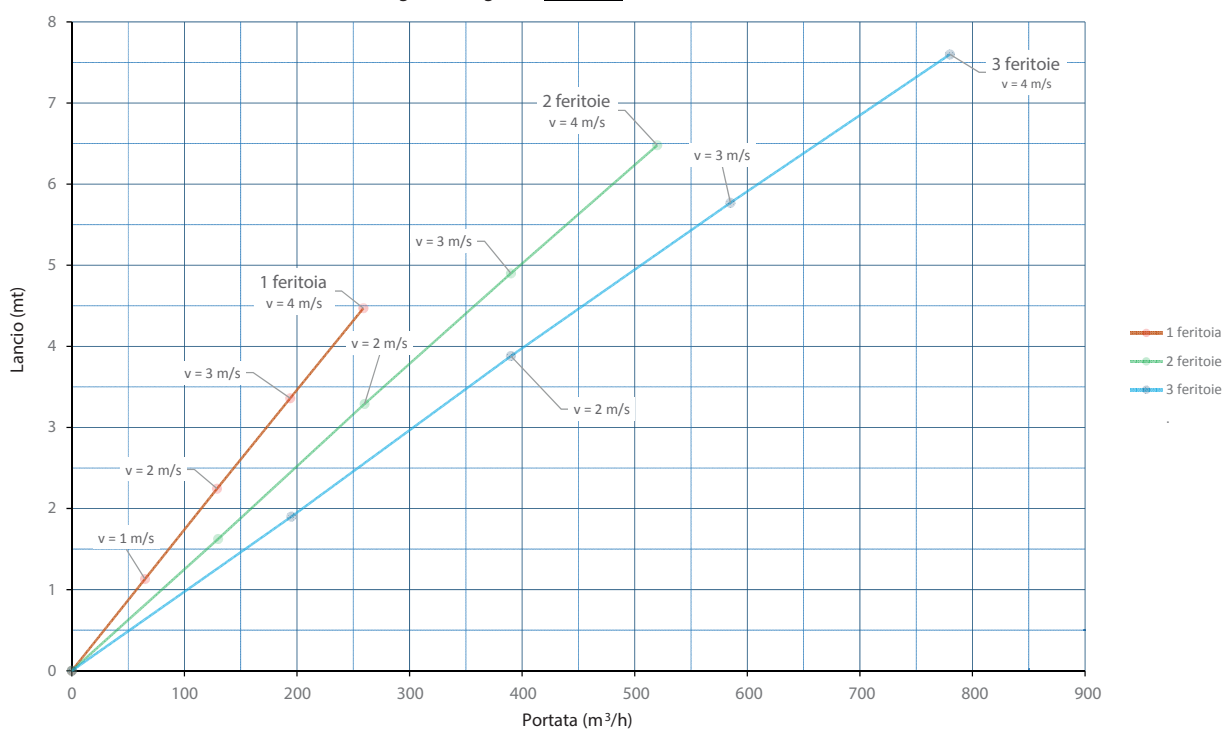


Grafico del lancio (in metri, a velocità terminale di 0,25 m/s) dei diffusori lineari serie DL con ugelli di lunghezza **1600 mm** a 1, 2, 3 feritoie

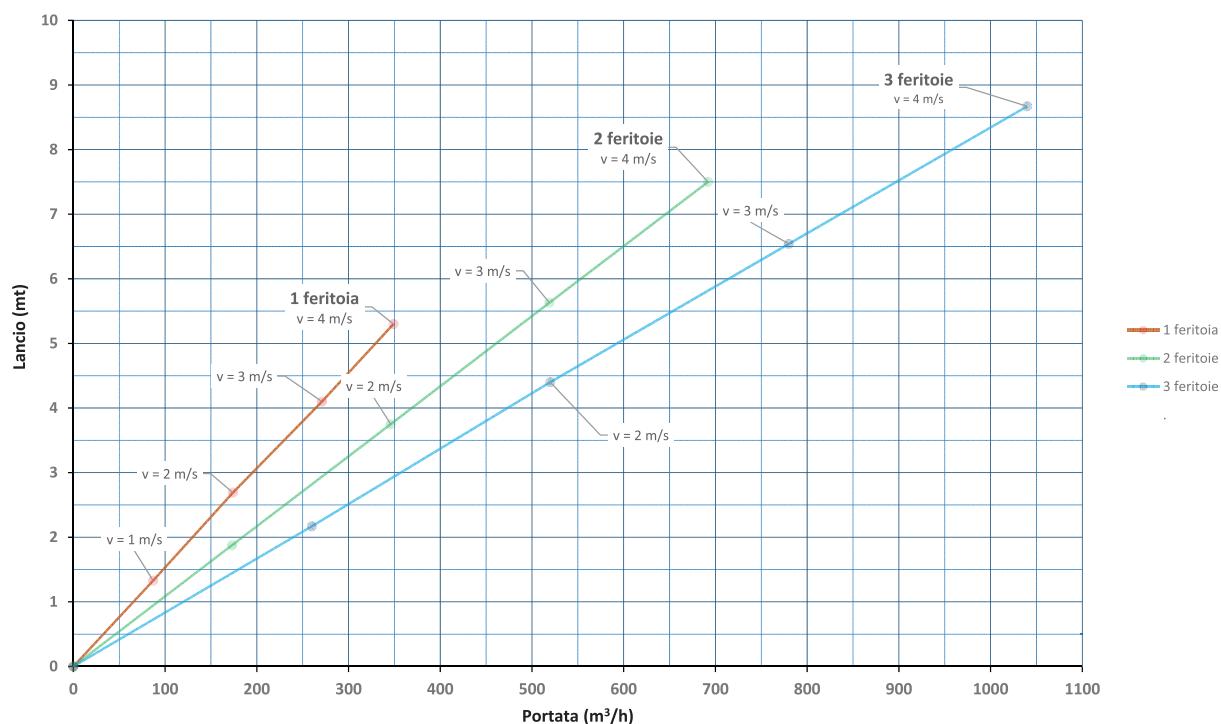


Grafico del lancio (in metri, a velocità terminale di 0,25 m/s) dei diffusori lineari serie DL con ugelli di lunghezza **2000 mm** a 1, 2, 3, 4 feritoie

