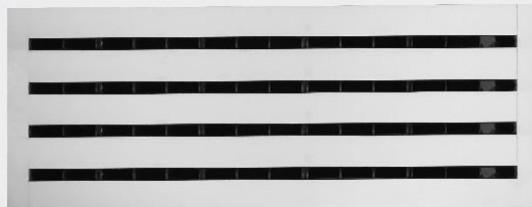


4-slot PVC linear diffusers

DL SERIES 4-SLOT PVC LINEAR DIFFUSERS



view of a cut diffuser

FEATURES

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

Construction materials

- For the body-frame: PVC anticondensa.
- For directional nozzles and their supports (for -DL/4A---_): ABS

Color

- For the body-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.

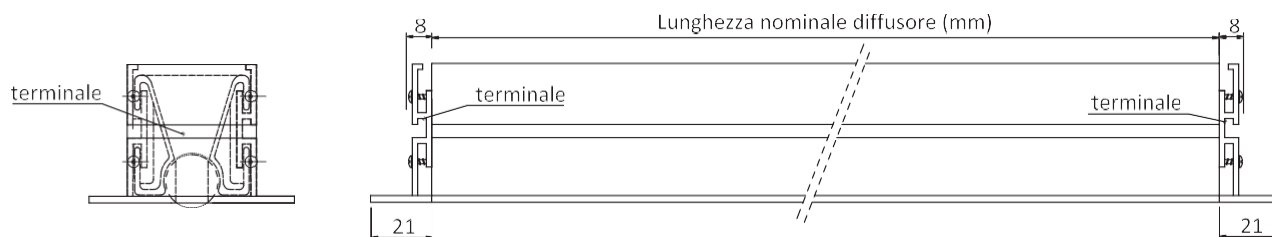
Method of fixation

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

ACCESSORIES (optional)

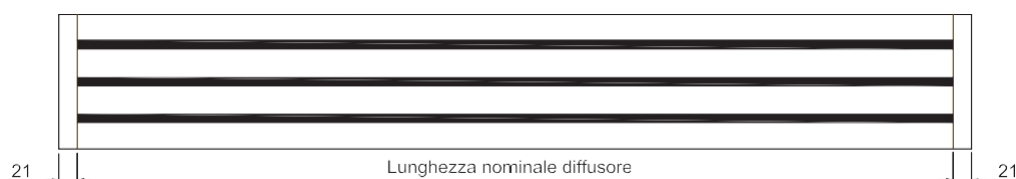
- ADF-EASYP series anti-condensation PVC plenum (see related data sheet).
- PVC anti-condensation sliding damper ADF-S/04 series (only in combination with PVC plenum).
- Plenum made of expanded polyisocyanurate PAL/04 series.
- Sheet metal sliding damper series -S/04 (not suitable for PVC plenums).

GENERIC DIMENSIONAL



VISTA LONGITUDINALE DI DIFFUSORE mod. DL [con terminali]

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



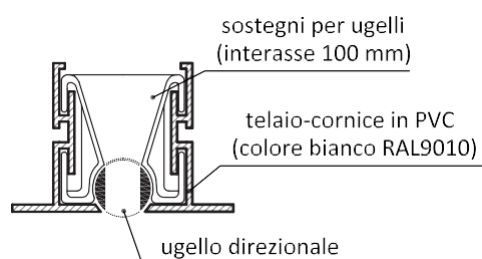
VISTA FRONTALE - modello DL [con terminali]

(in particolare è rappresentato un modello a 3 fentioie)

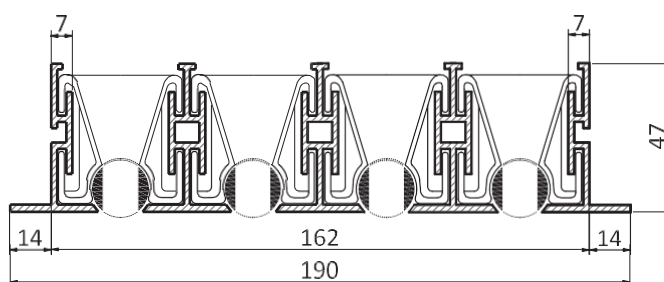
QUICK SELECTION TABLE

Code	Number of 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/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

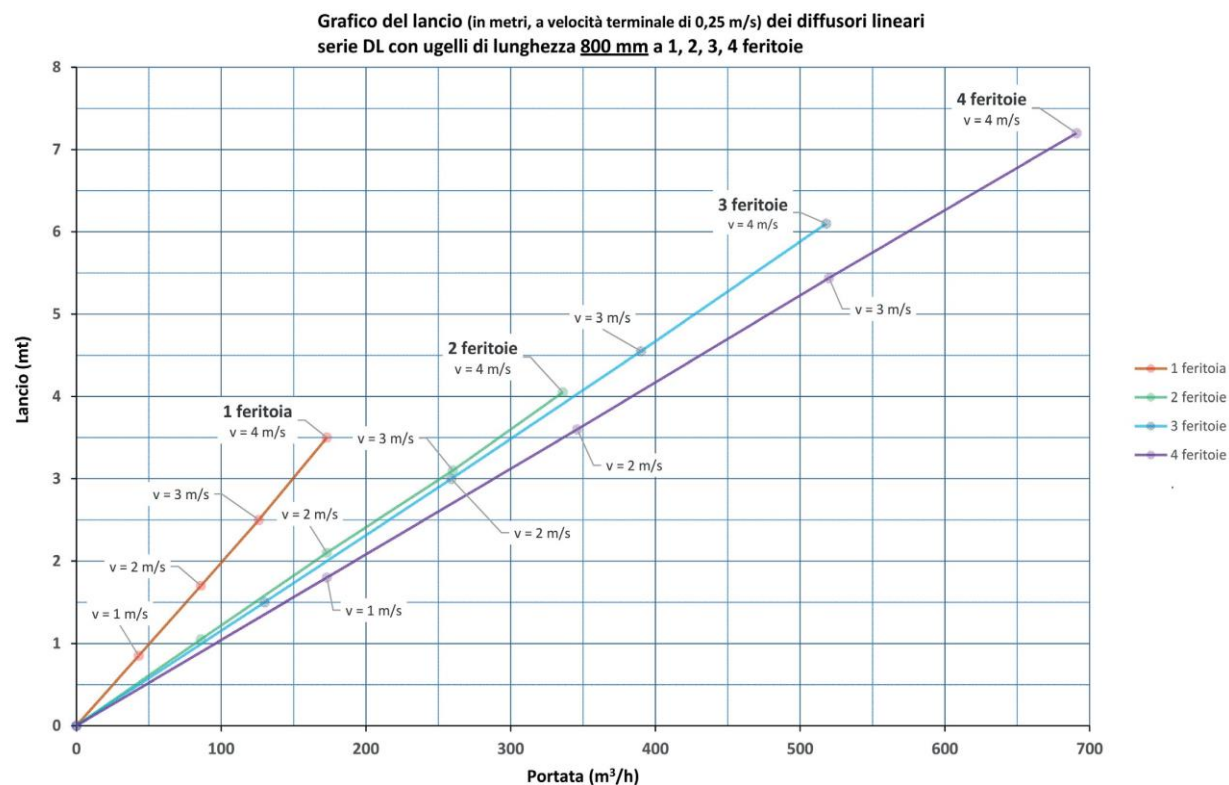
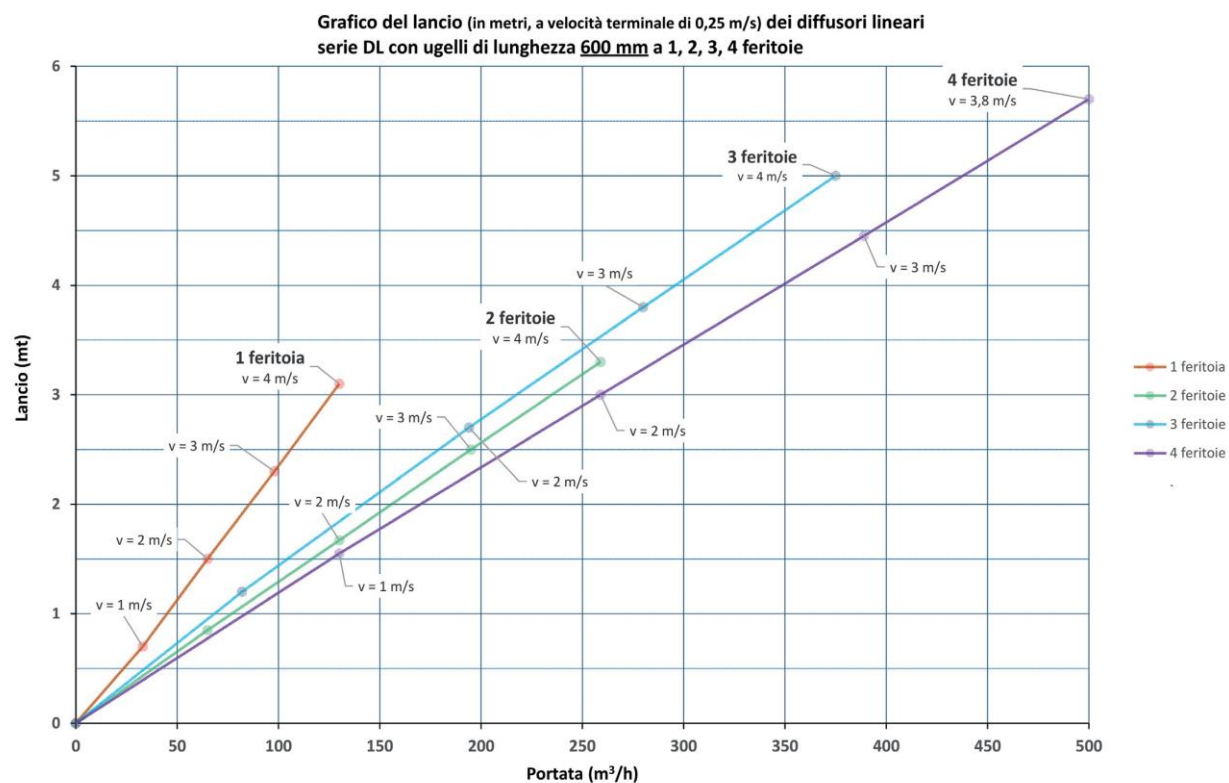


Grafico del lancio (in metri, a velocità terminale di 0,25 m/s) dei diffusori lineari serie DL con ugelli di lunghezza 1000 mm a 1, 2, 3, 4 feritoie

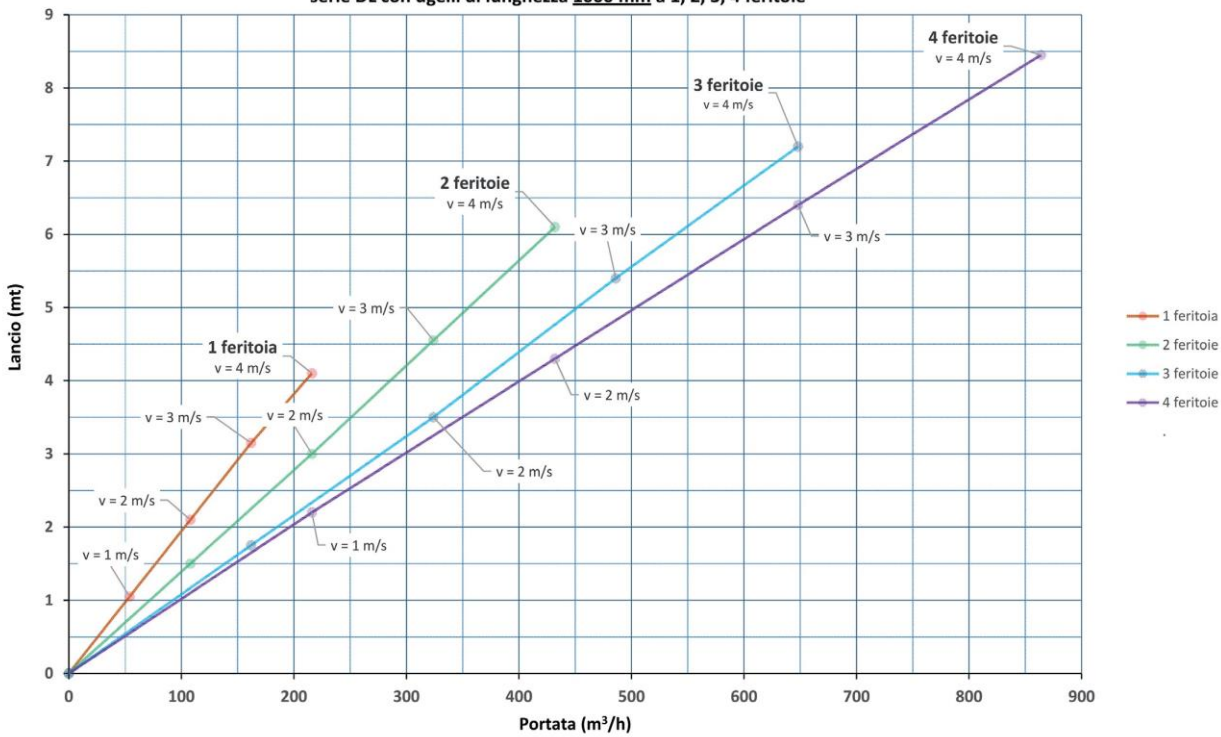
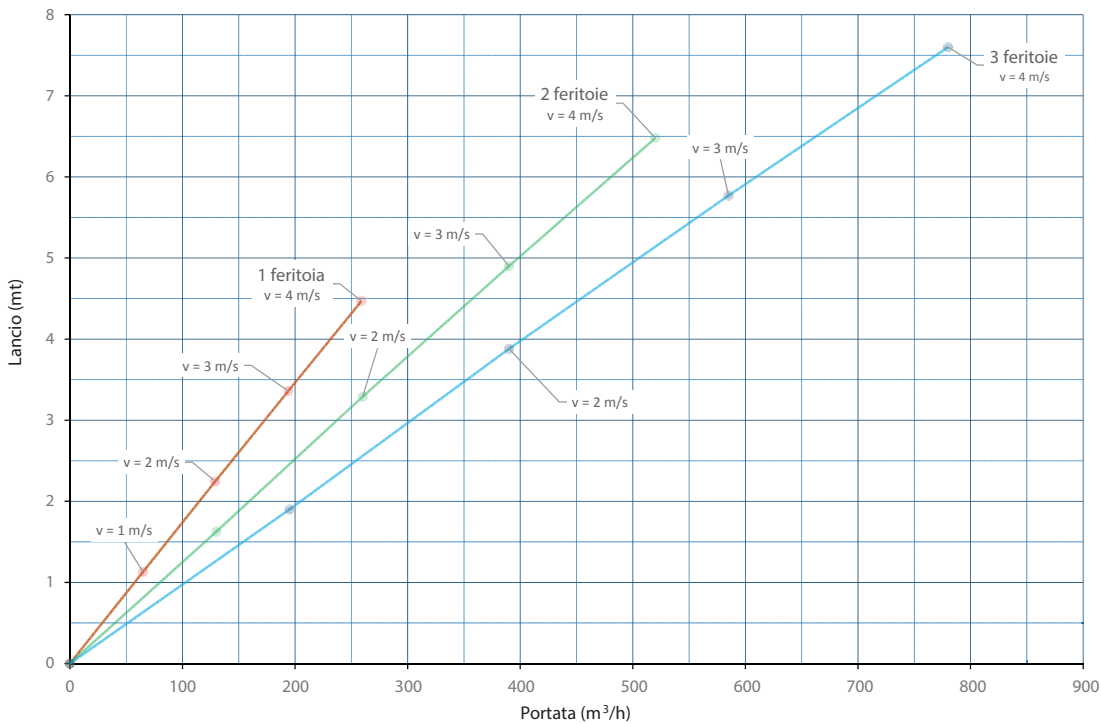


Grafico del lancio (in metri, a velocità terminale di 0,25 m/s) dei diffusori lineari serie DL con ugelli di lunghezza 1200 mm a 1, 2, 3 feritoie



GRAPHS

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

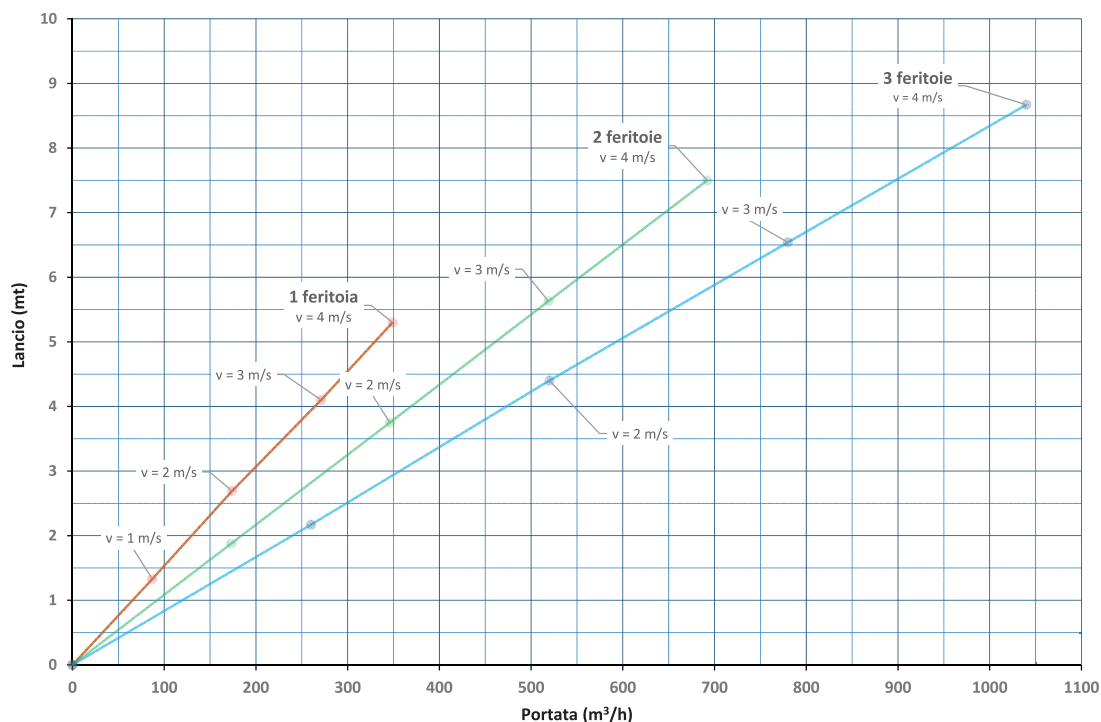
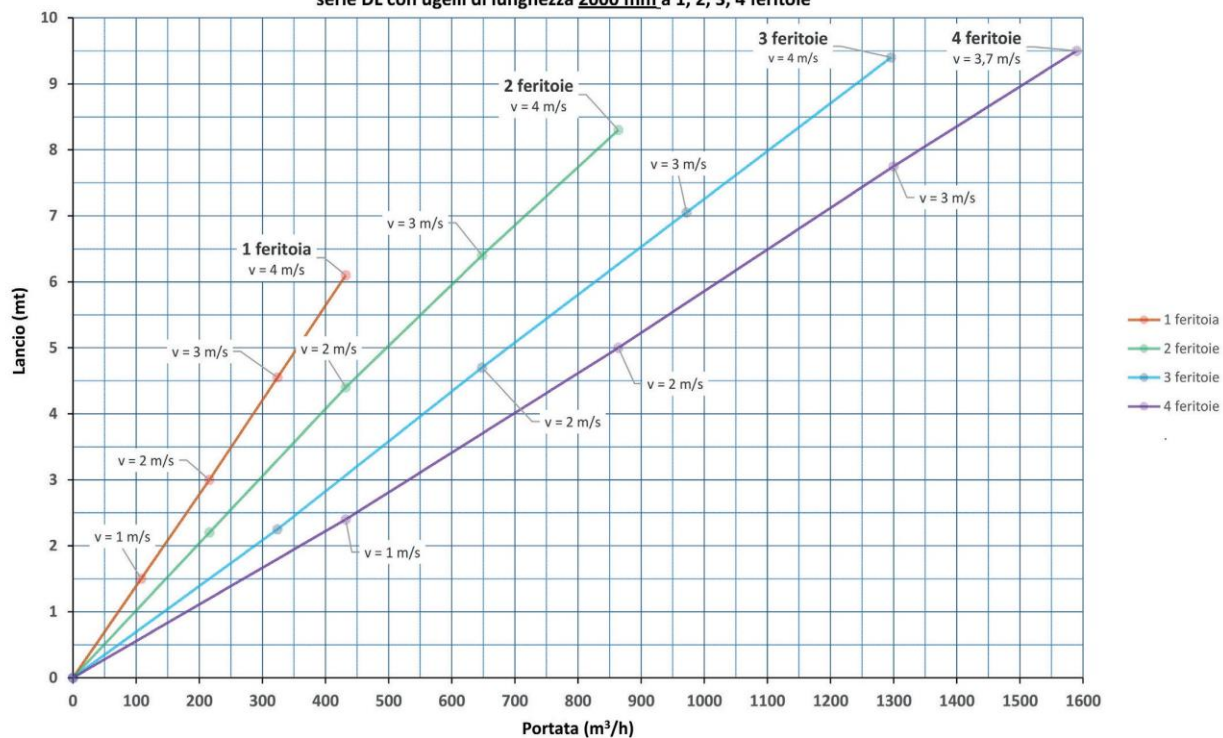


Grafico del lancio (in metri, a velocità terminale di 0,25 m/s) dei diffusori lineari serie DL con ugelli di lunghezza **2000 mm** a 1, 2, 3, 4 feritoie



REV 01/2025