

PVC 2-slot linear diffusers

DL SERIES 2-SLOT PVC LINEAR DIFFUSERS



view of a cut diffuser

FEATURES

Slotted linear diffuser with directional nozzle terminals (series -DL/2A---_) or without directional nozzles (-DL/2B---B series).

Construction materials

- For the body-frame: anti-condensation PVC.
- For directional nozzles and their supports (for -DL/2A---_): ABS

Degree of extinction

Class V0.

Operating temperature

-30°C/+60°C.

Fixing method

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

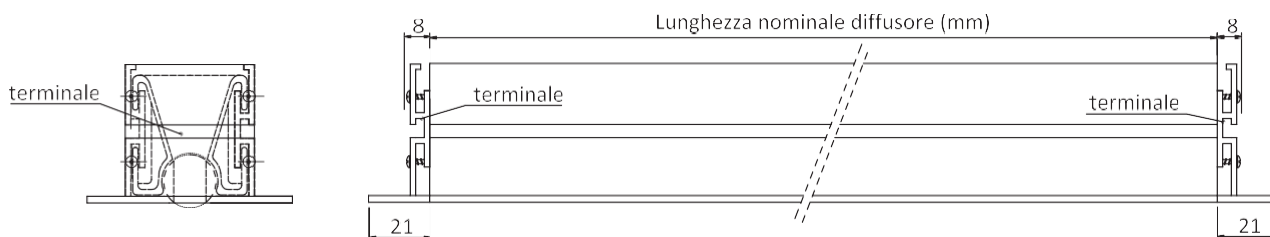
Color

- For the body-frame: white RAL 9010.
- For directional nozzles and their supports (for the -DL/2A--- series): black RAL 9005.
- For directional nozzles and their supports (for the -DL/2A---B series): white RAL 9010.

ACCESSORIES (optional)

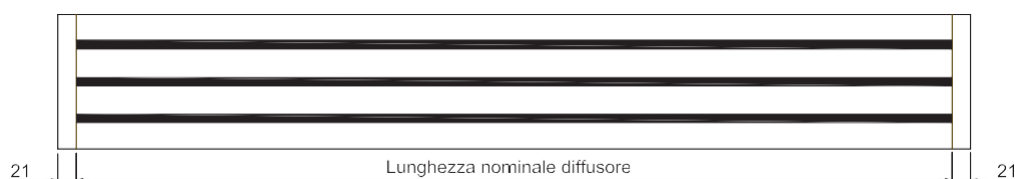
- ADF-EASYP series anti-condensation PVC plenum (see related data sheet).
- PVC anti-condensation sliding damper ADF-S/04 series (only in combination with PVC plenum).
- Plenum made of expanded polyisocyanurate PAL/04 series.
- Sheet metal sliding damper series S/04 (not suitable for PVC plenums).

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



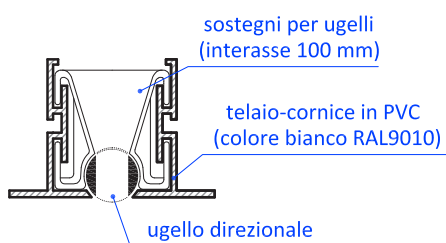
VISTA FRONTALE - modello DL [con terminali]

(in particolare è rappresentato un modello a 3 feritoie)

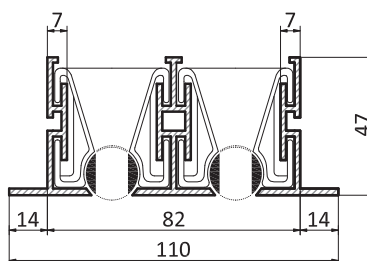
QUICK SELECTION TABLE

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/2A600_	2	600	0.0180	65	130	162	195	260
-DL/2A800_	2	800	0.0240	86	173	216	258	344
-DL/2A1000_	2	1000	0.0300	108	216	270	324	432
-DL/2A1200_	2	1200	0.0360	130	260	325	390	520
-DL/2A1600_	2	1600	0.0480	173	346	433	519	692
-DL/2A2000_	2	2000	0.0600	216	432	540	648	864

SECTIONAL DRAWINGS



SEZIONE descrittiva



SEZIONE modello a 2 feritoie

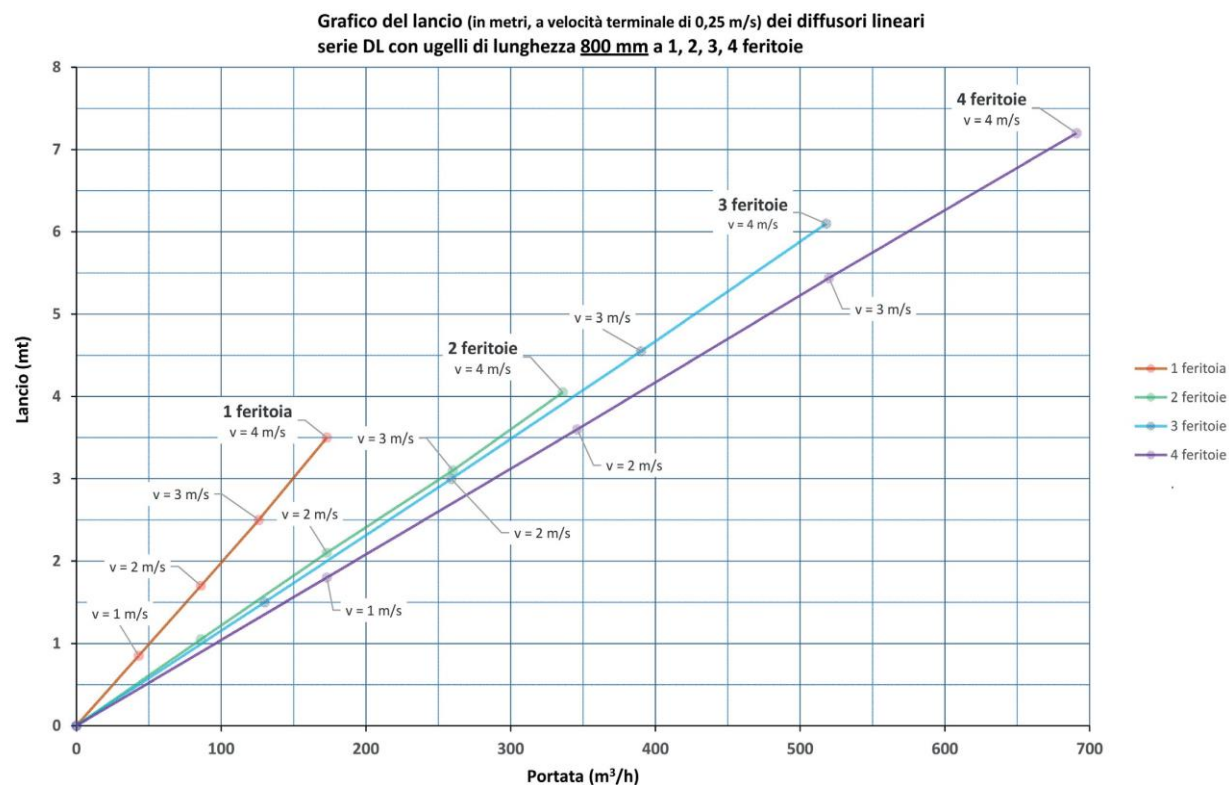
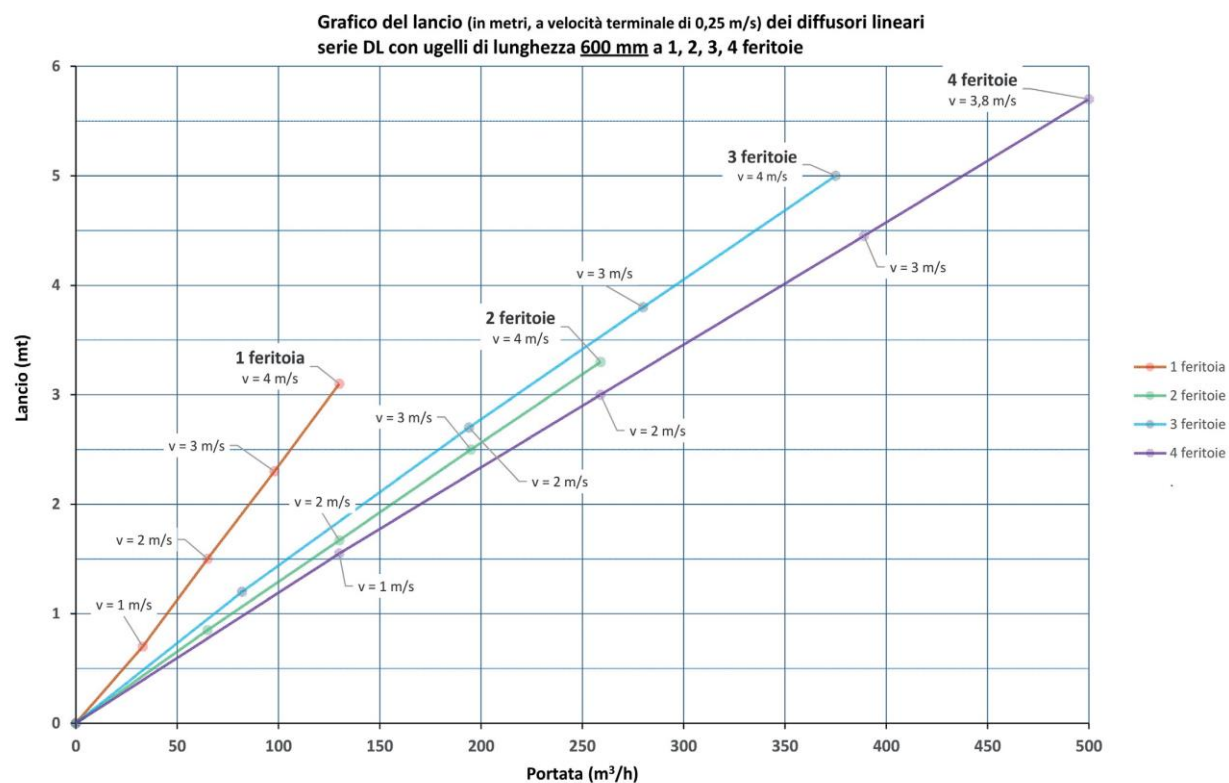


Grafico del lancio (in metri, a velocità terminale di 0,25 m/s) dei diffusori lineari serie DL con ugelli di lunghezza 1000 mm a 1, 2, 3, 4 feritoie

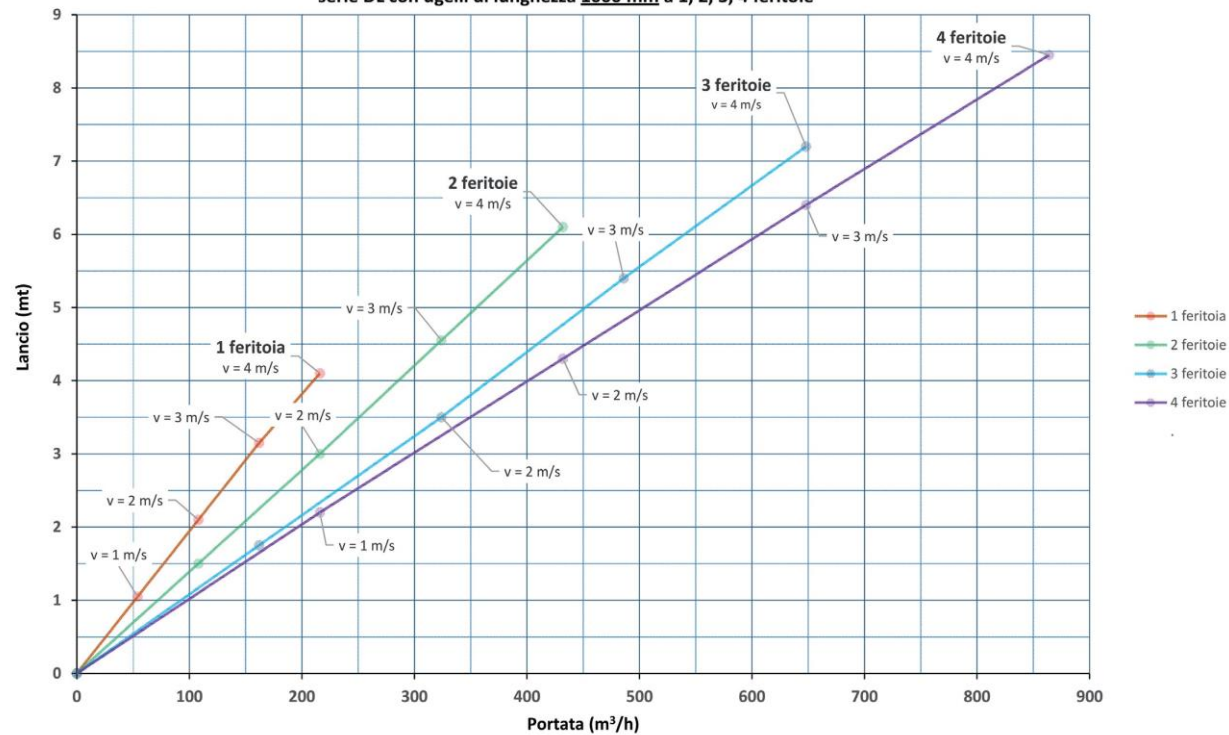
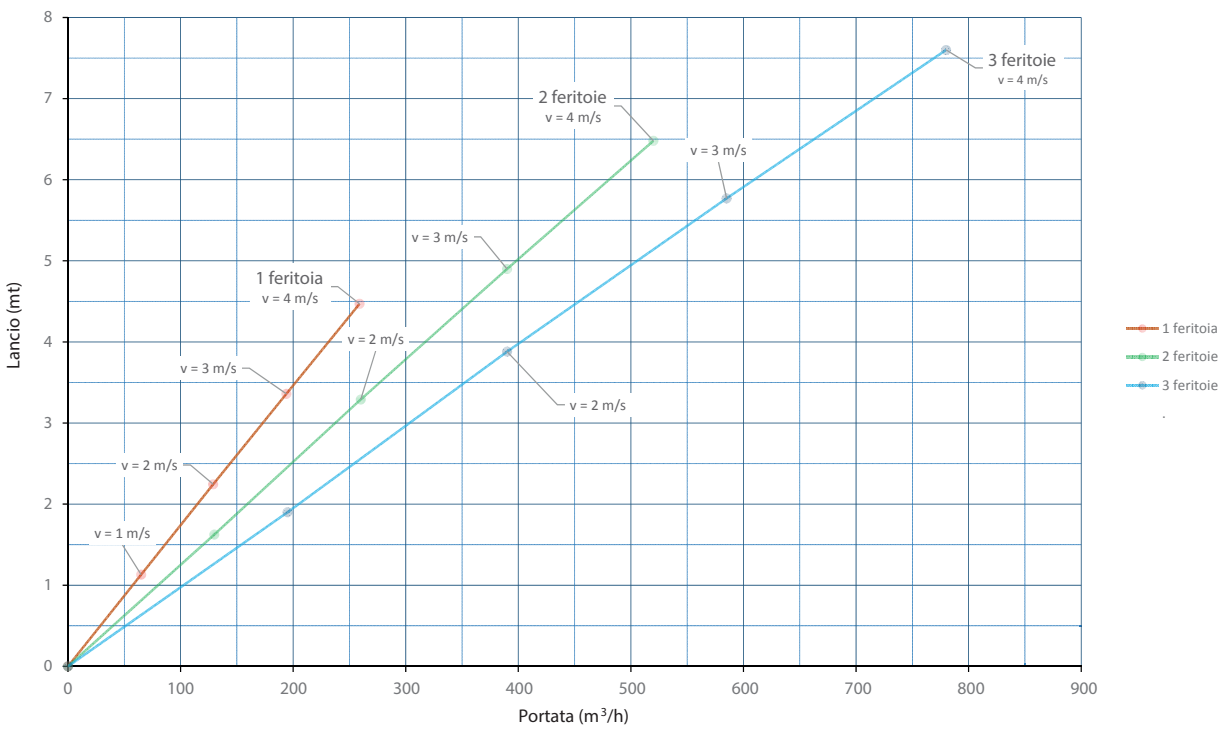


Grafico del lancio (in metri, a velocità terminale di 0,25 m/s) dei diffusori lineari serie DL con ugelli di lunghezza 1200 mm a 1, 2, 3 feritoie



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

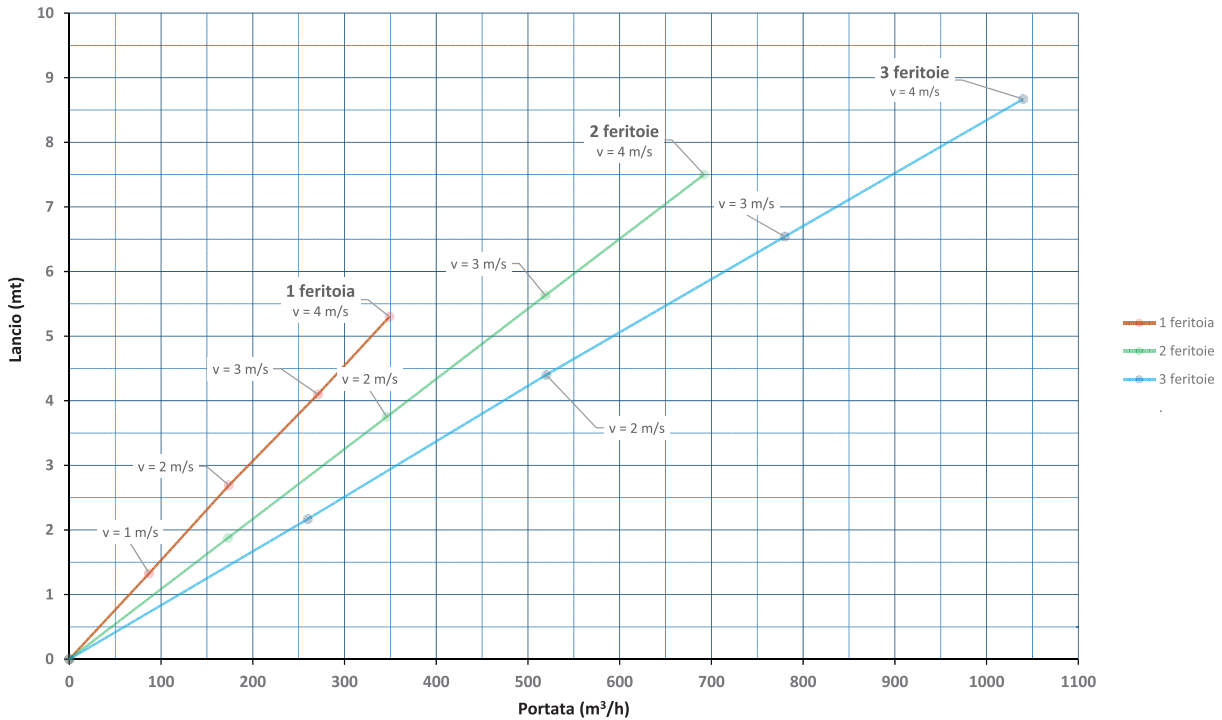
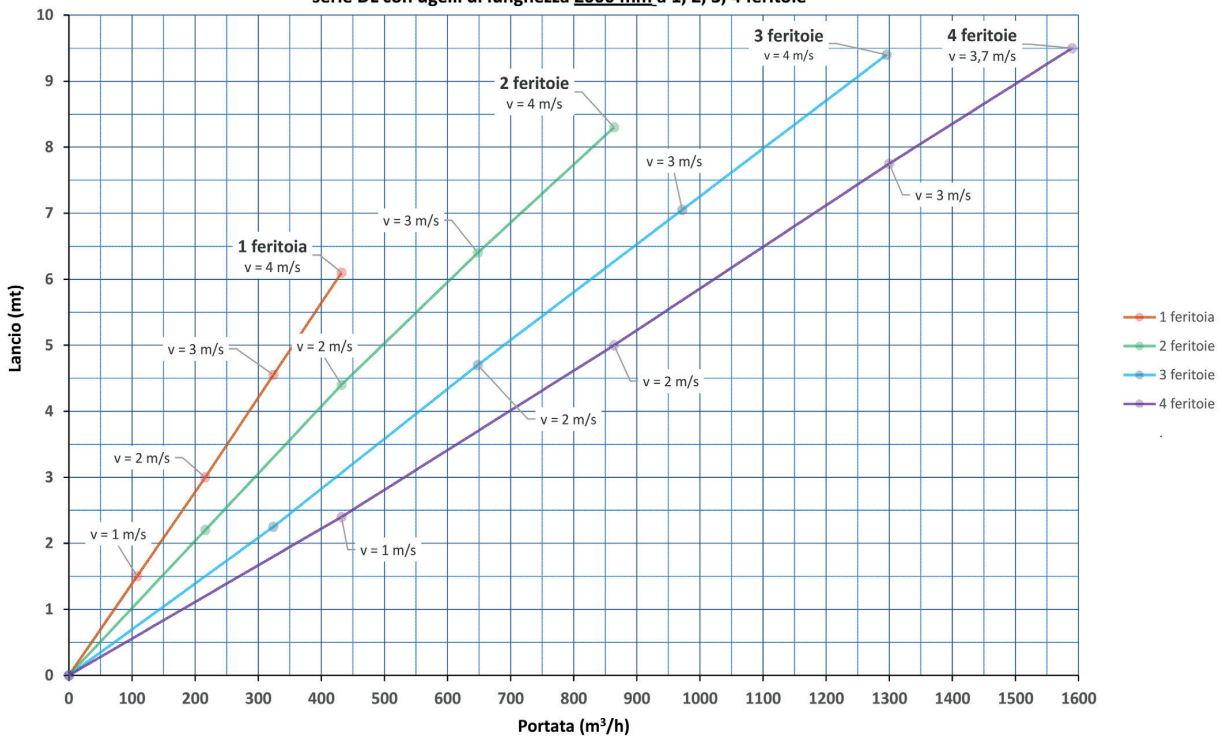


Grafico del lancio (in metri, a velocità terminale di 0,25 m/s) dei diffusori lineari serie DL con ugelli di lunghezza 2000 mm a 1, 2, 3, 4 feritoie



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