

Linear diffuser in anti-condensation PVC with damper - 1 slot

- cod. PWD301487 - cod. PWD301496 - cod. PWD301505
- cod. PWD301514 - cod. PWD301523



DESCRIPTION

Visible linear diffuser in anti-condensate PVC with adjustable calibration damper with 1 slot, white. Diffusers are used in places where the ceiling design has to be assured, such as offices, meeting rooms and hotels, ensuring uniform air diffusion and high thermal induction. In contrast to aluminium, due to its physical characteristics PVC does not produce condensate; this avoids the formation of fungi, mould and bacteria inside the diffuser and ensures excellent wall insulation. It is fixed to the plenum, which can be purchased separately, using front screws and mobile C brackets. The damper is used to control the required amount of air and can be calibrated using a screwdriver.

APPLICATIONS

Diffuser ideal for wall or ceiling installations, in delivery ONLY.

ACCESSORIES

- Plenum in insulated galvanised metal sheet, can be purchased separately.
- Continuity kit, can be purchased separately.



DIMENSIONS

CODE	L [mm]	L1 [mm]	A [mm]	B [mm]	C [mm]
PWD301487	600	645	66	49	60
PWD301496	800	845	66	49	60
PWD301505	1000	1045	66	49	60
PWD301514	1500	1545	66	49	60
PWD301523	2000	2045	66	49	60

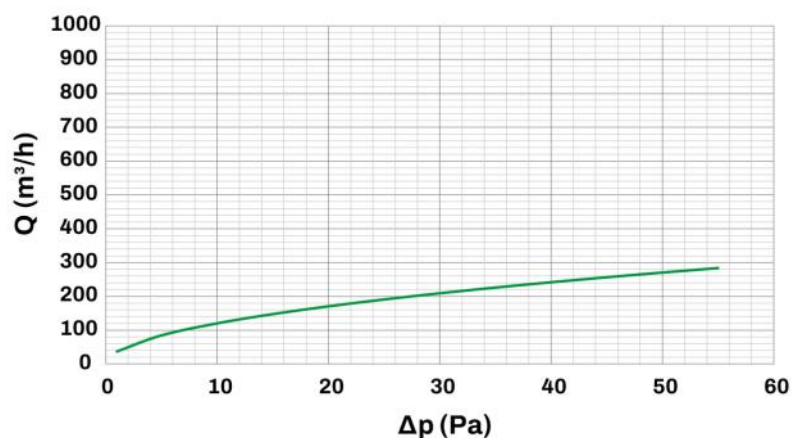
INFORMATION

Measures are indicated in millimetres (mm), unless otherwise specified.

TECHNICAL DATA

TECHNICAL SPECIFICATIONS	
Material:	Anti-condensate PVC
Colour:	White
Flammability rating:	V0
Operating temperature	-30°C ... +60°C

LOAD CAPACITY AND PRESSURE DROP CURVES

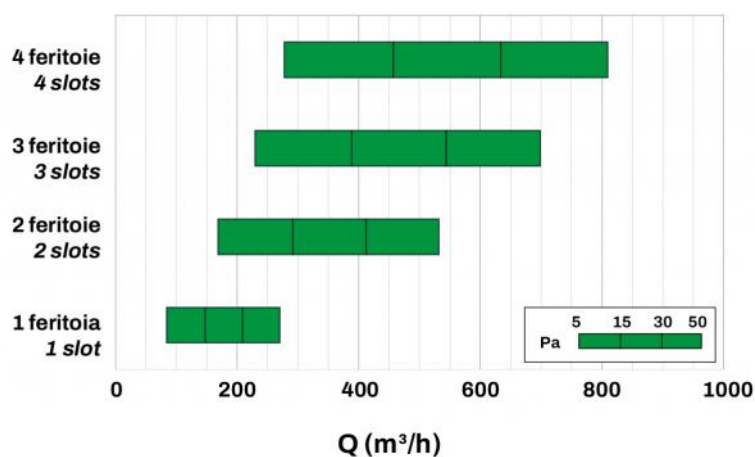


Ak [m²]	Qv min [m³/h]	Qv max [m³/h]	Lwa min [dB(A)]	Lwa max [dB(A)]	DP min [Pa]	DP max [Pa]
0.021	120	270	32	46	10	50

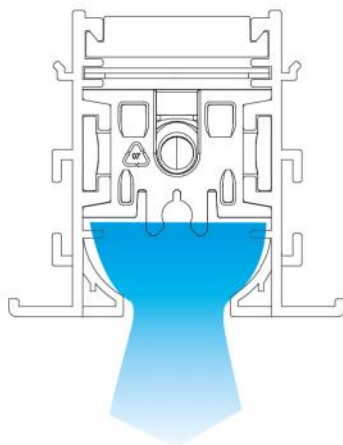
INFORMATION

The table data refer to 1000 mm long visible linear diffusers

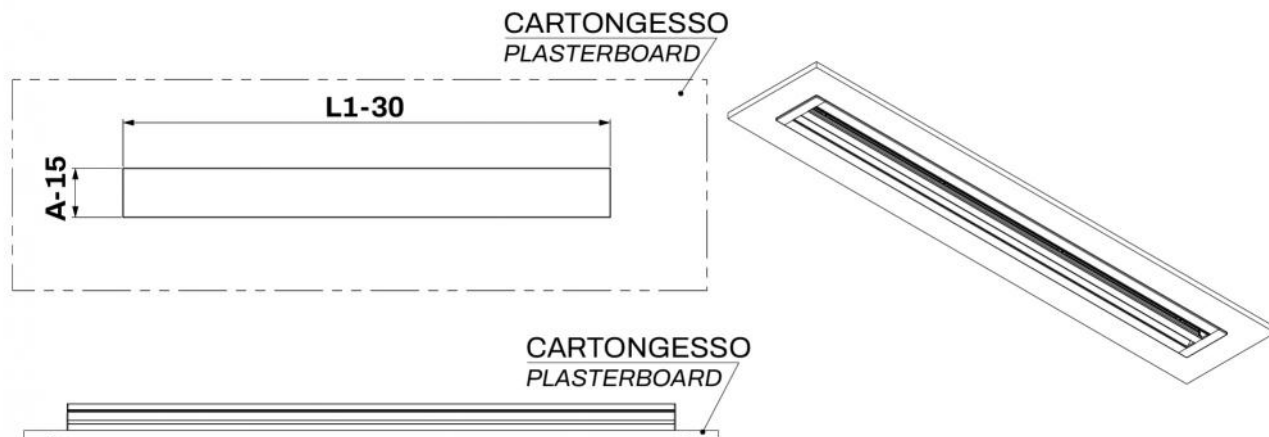
SHORTCUT DIAGRAM



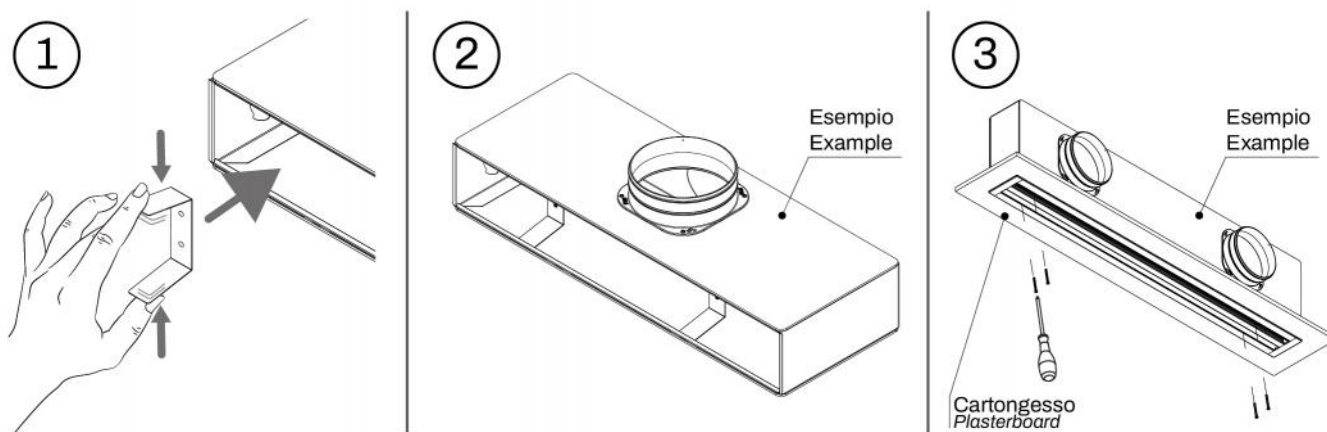
EXAMPLE OF VERTICAL FLOW



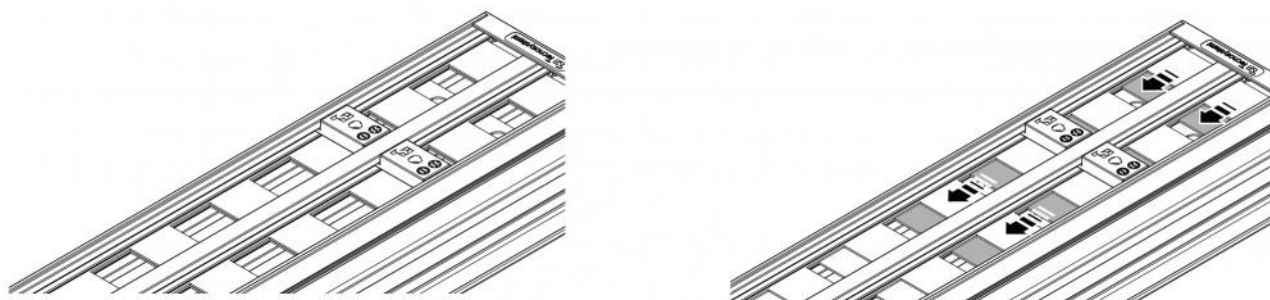
BUILT-IN INSTALLATION BOX FOR WALLS



EXAMPLE OF INSTALLATION:

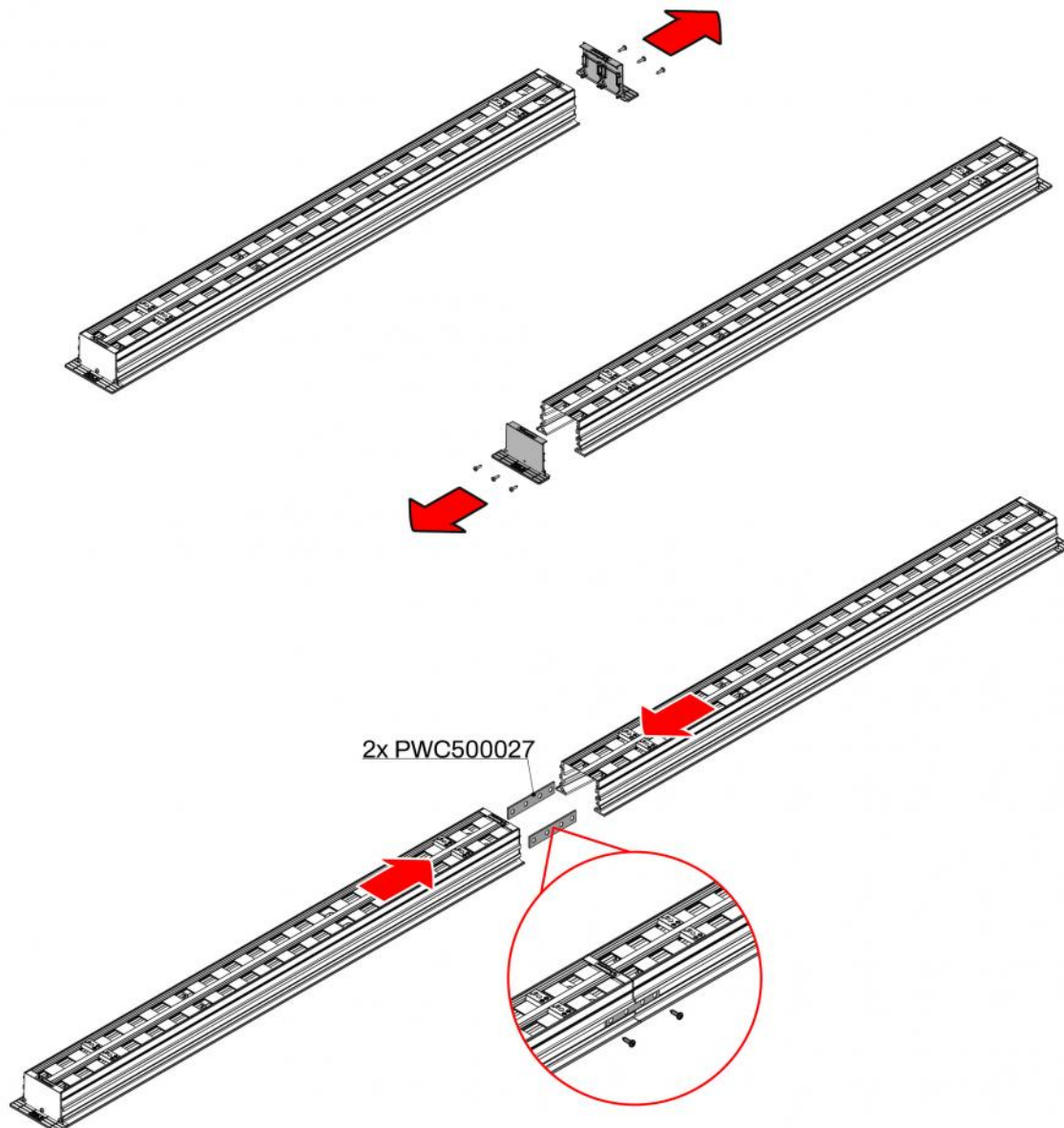


DAMPER ADJUSTMENT



Use a screwdriver to adjust the damper, acting beneath the diffuser.

EXAMPLE OF CONTINUITY KIT FIXING



ITEMS

CODE	DESCRIPTION
PWD301487	LINEAR DIFFUSOR IN ANTI-CONDENSING PVC WITH DAMPER L600mm 1 SLOT WHITE
PWD301496	LINEAR DIFFUSOR IN ANTI-CONDENSING PVC WITH DAMPER L800mm 1 SLOT WHITE
PWD301505	LINEAR DIFFUSOR IN ANTI-CONDENSING PVC WITH DAMPER L1000mm 1 SLOT WHITE
PWD301514	LINEAR DIFFUSOR IN ANTI-CONDENSING PVC WITH DAMPER L1500mm 1 SLOT WHITE
PWD301523	LINEAR DIFFUSOR IN ANTI-CONDENSING PVC WITH DAMPER L2000mm 1 SLOT WHITE

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