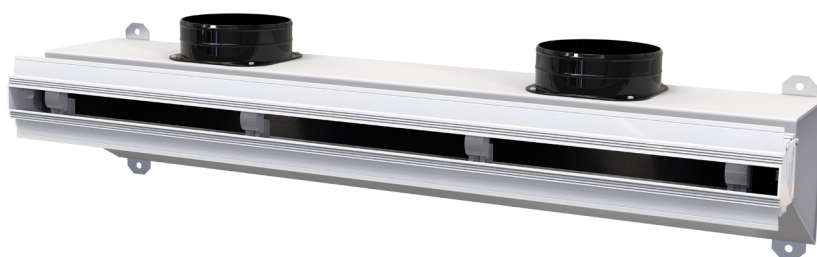


Linear retracting intake diffuser in anti-condensate PVC with insulated plenum

- cod. PWD301406 - cod. PWD301407 - cod. PWD301414
- cod. PWD301415 - cod. PWD301422 - cod. PWD301423
- cod. PWD301430 - cod. PWD301431 - cod. PWD301438
- cod. PWD301439 - cod. PWD301446 - cod. PWD301447
- cod. PWD301454 - cod. PWD301455 - cod. PWD301462
- cod. PWD301463 - cod. PWD301470 - cod. PWD301471
- cod. PWD301478 - cod. PWD301479



DESCRIPTION

Linear retracting intake diffuser in anti-condensate PVC with insulated plenum. Available with 20 or 30 mm slot in black or white.

With a unique, original design, the plenum is made of galvanised metal sheet coated with closed-cell polyethylene. This retracting linear diffuser combines design and function, blending perfectly into any room, with uniform air diffusion and high thermal induction.

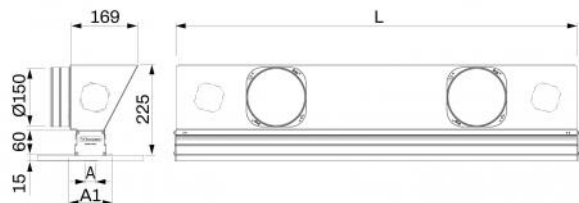
This innovative diffuser is made from PVC which, in contrast to aluminium, due to its physical characteristics does not produce condensate; this avoids the formation of fungi, mould and bacteria inside the diffuser and ensures excellent wall insulation.

The inlet collars are included in the pack and must be assembled according to installation needs.

The plenum has other built-in installation boxes for additional ducts and VMC ducts, break as needed.

ACCESSORIES

- False ceiling brackets, included.
- Continuity kit, can be purchased separately.



DIMENSIONS

CODE	L [mm]	A [mm]	A1 [mm]	COUPLING Ø150
PWD301406	600	20	100	1
PWD301407	600	20	100	1
PWD301414	600	30	110	1
PWD301415	600	30	110	1
PWD301422	800	20	100	2
PWD301423	800	20	100	2
PWD301430	800	30	110	2
PWD301431	800	30	110	2
PWD301438	1000	20	100	2
PWD301439	1000	20	100	2
PWD301446	1000	30	110	2
PWD301447	1000	30	110	2
PWD301454	1500	20	100	3
PWD301455	1500	20	100	3
PWD301462	1500	30	110	3
PWD301463	1500	30	110	3
PWD301470	2000	20	100	4
PWD301471	2000	20	100	4
PWD301478	2000	30	110	4
PWD301479	2000	30	110	4

INFORMATION

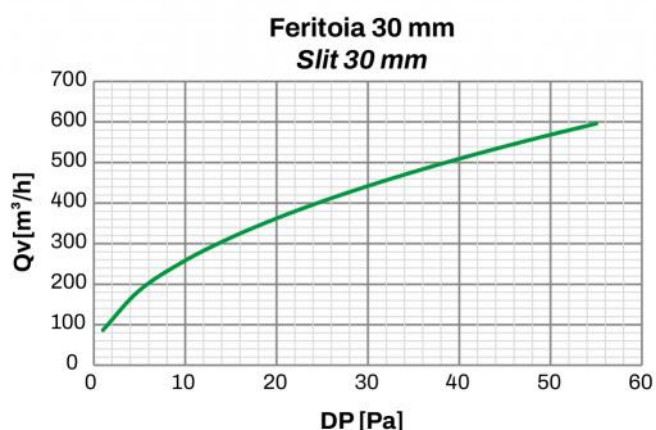
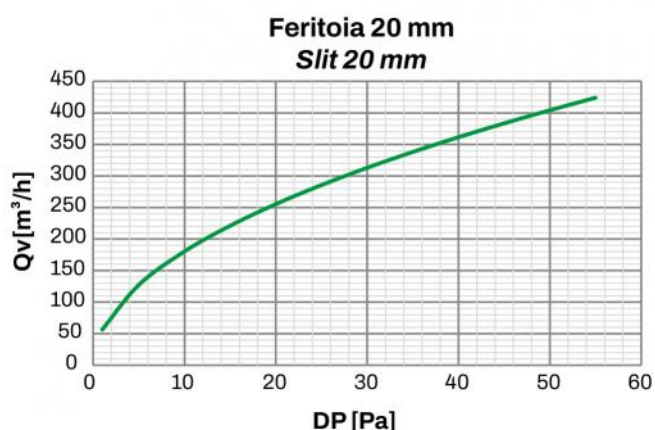
Measures are indicated in millimetres (mm), unless otherwise specified.

The plasterboard thickness calculated for these configurations is 12.5 mm (not included in the supply).

TECHNICAL DATA

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

LOAD CAPACITY AND PRESSURE DROP CURVES

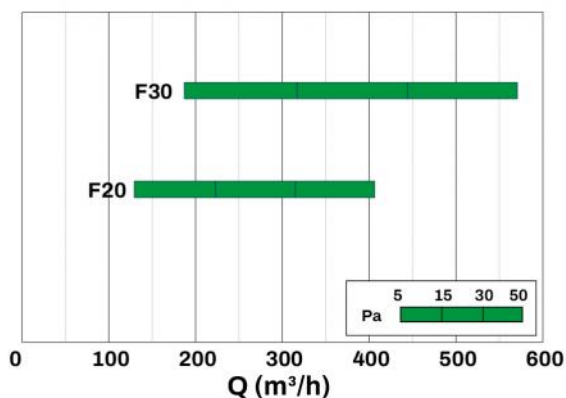


MODEL	Ak [m²]	Qv min [m³/h]	Qv max [m³/h]	Lwa min [dB(A)]	Lwa max [dB(A)]	DP min [Pa]	DP max [Pa]
SLOT 20	0.02	180	400	32	46	10	50
SLOT 30	0.03	260	570	33	47	10	50

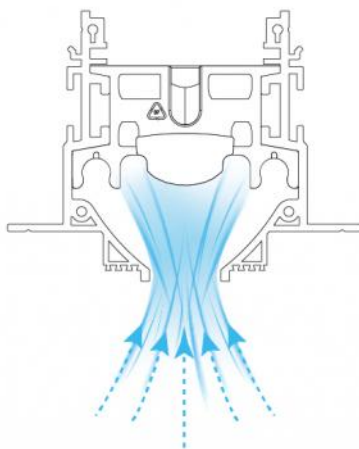
INFORMATION

The table data refer to 1000 mm long linear retracting diffusers

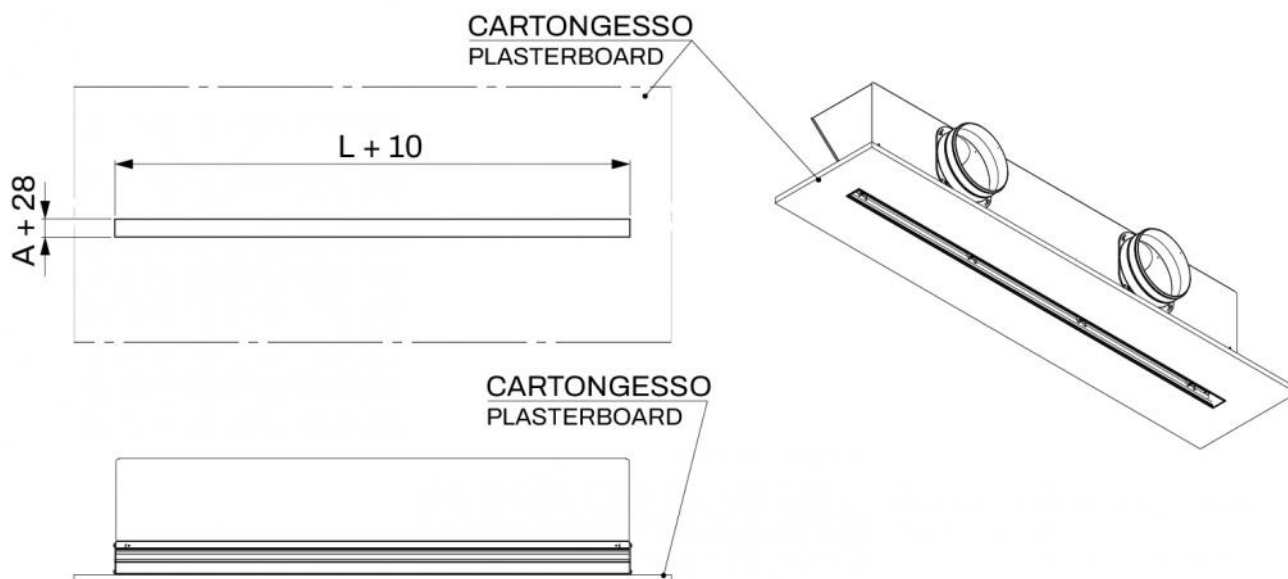
SHORTCUT DIAGRAM



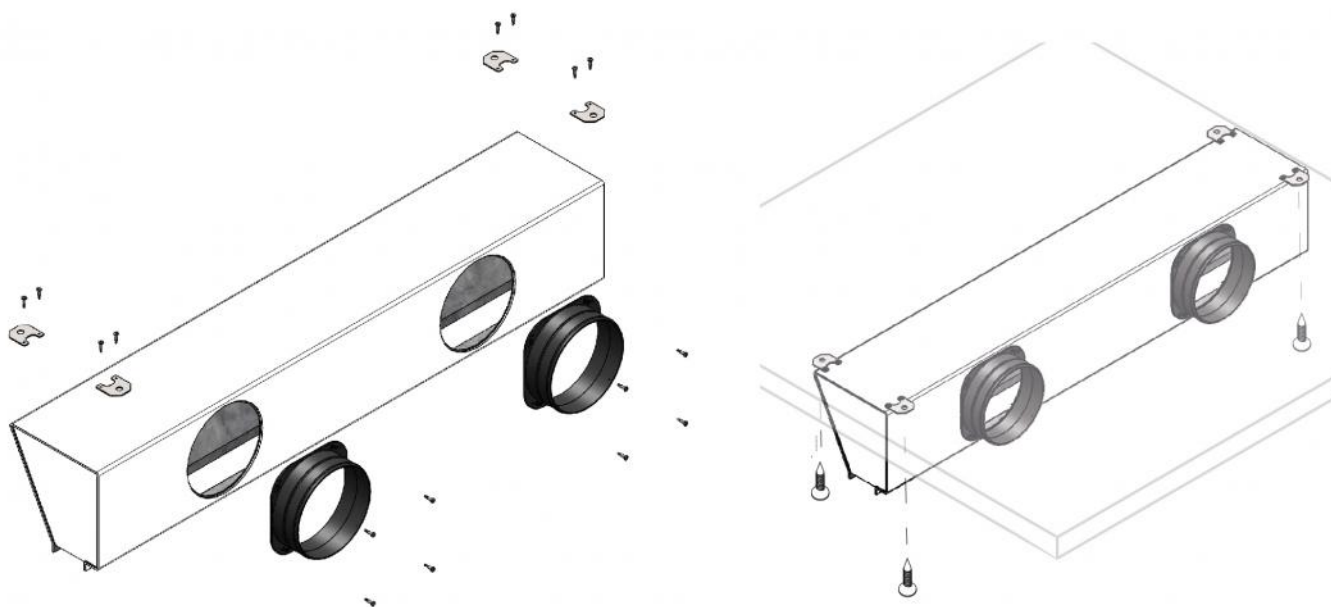
EXAMPLE OF OPERATION

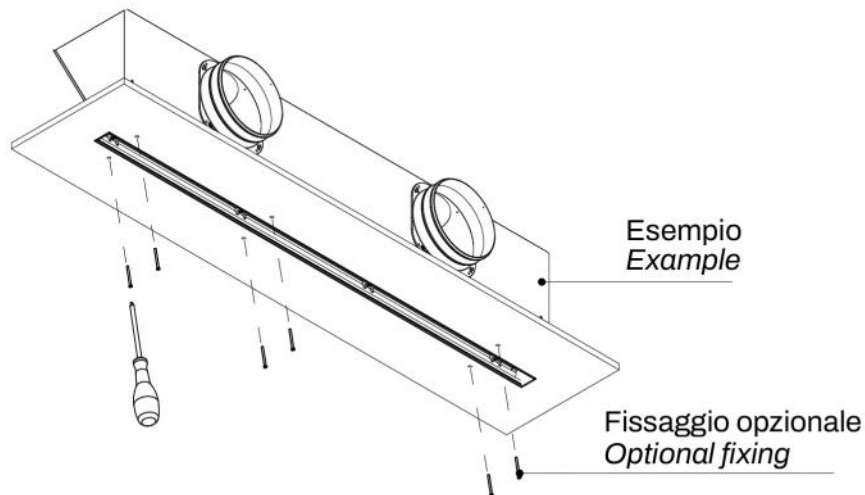


BUILT-IN INSTALLATION BOX FOR WALLS

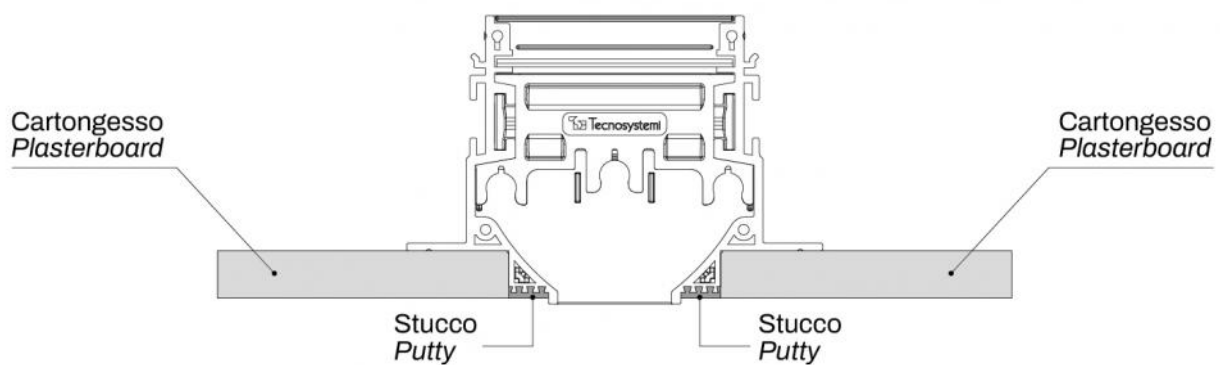


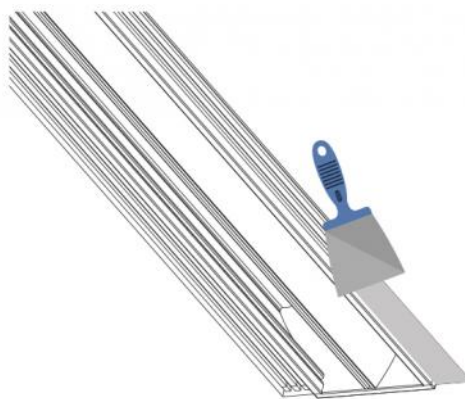
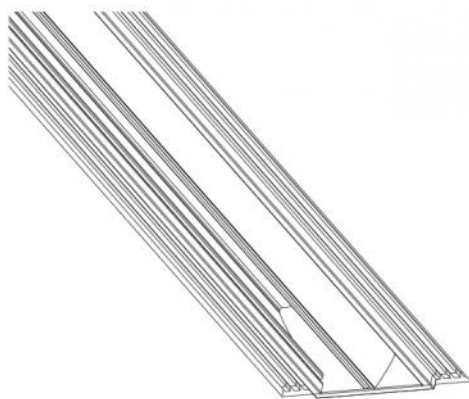
EXAMPLE OF INSTALLATION:



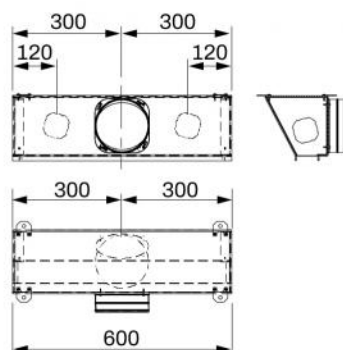


GROUTING

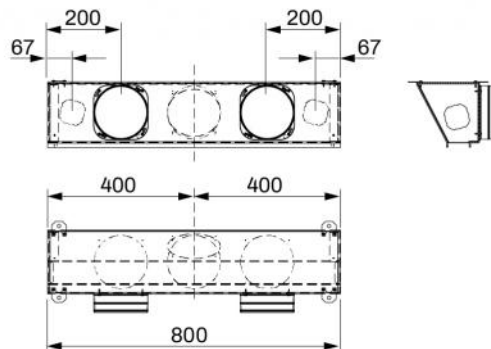




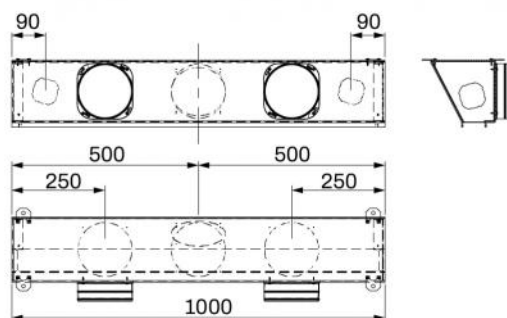
DIMENSIONAMENTI PREDISPOSIZIONI L. 600



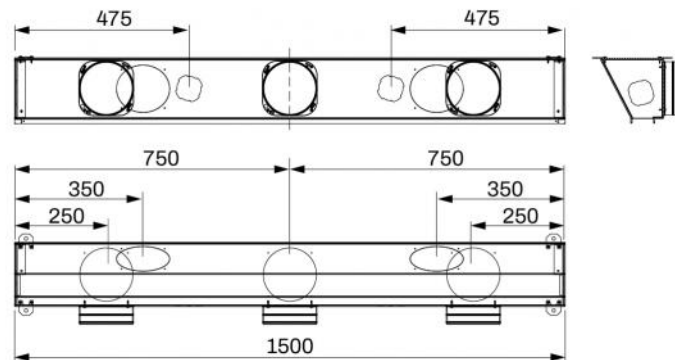
DIMENSIONAMENTI PREDISPOSIZIONI L. 800



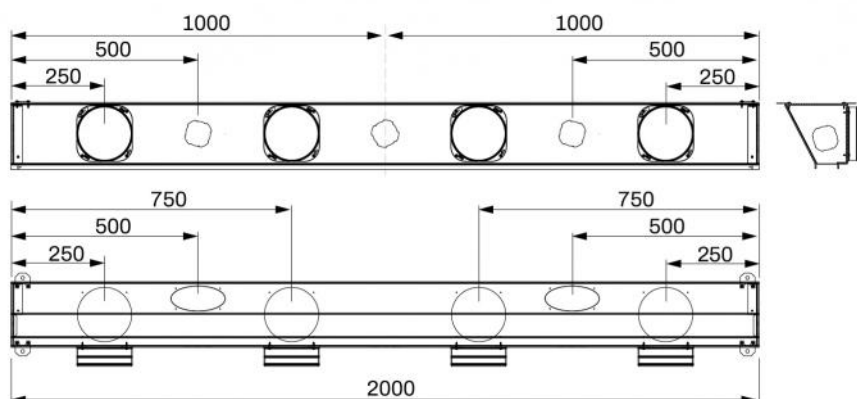
DIMENSIONAMENTI PREDISPOSIZIONI L. 1000



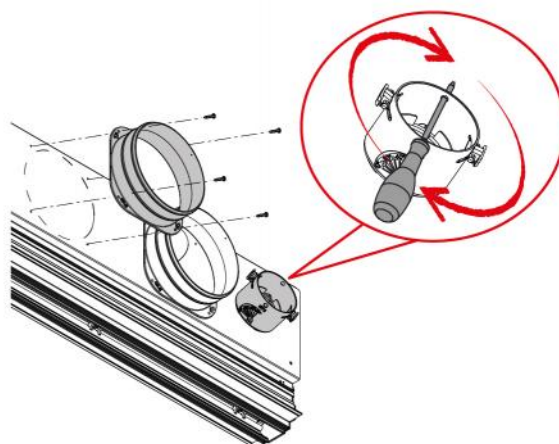
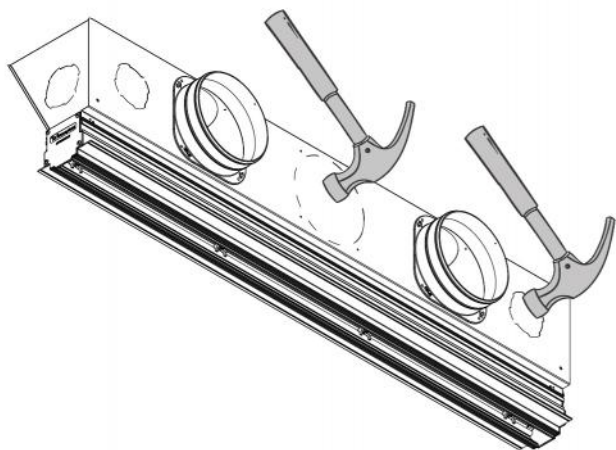
DIMENSIONAMENTI PREDISPOSIZIONI L. 1500



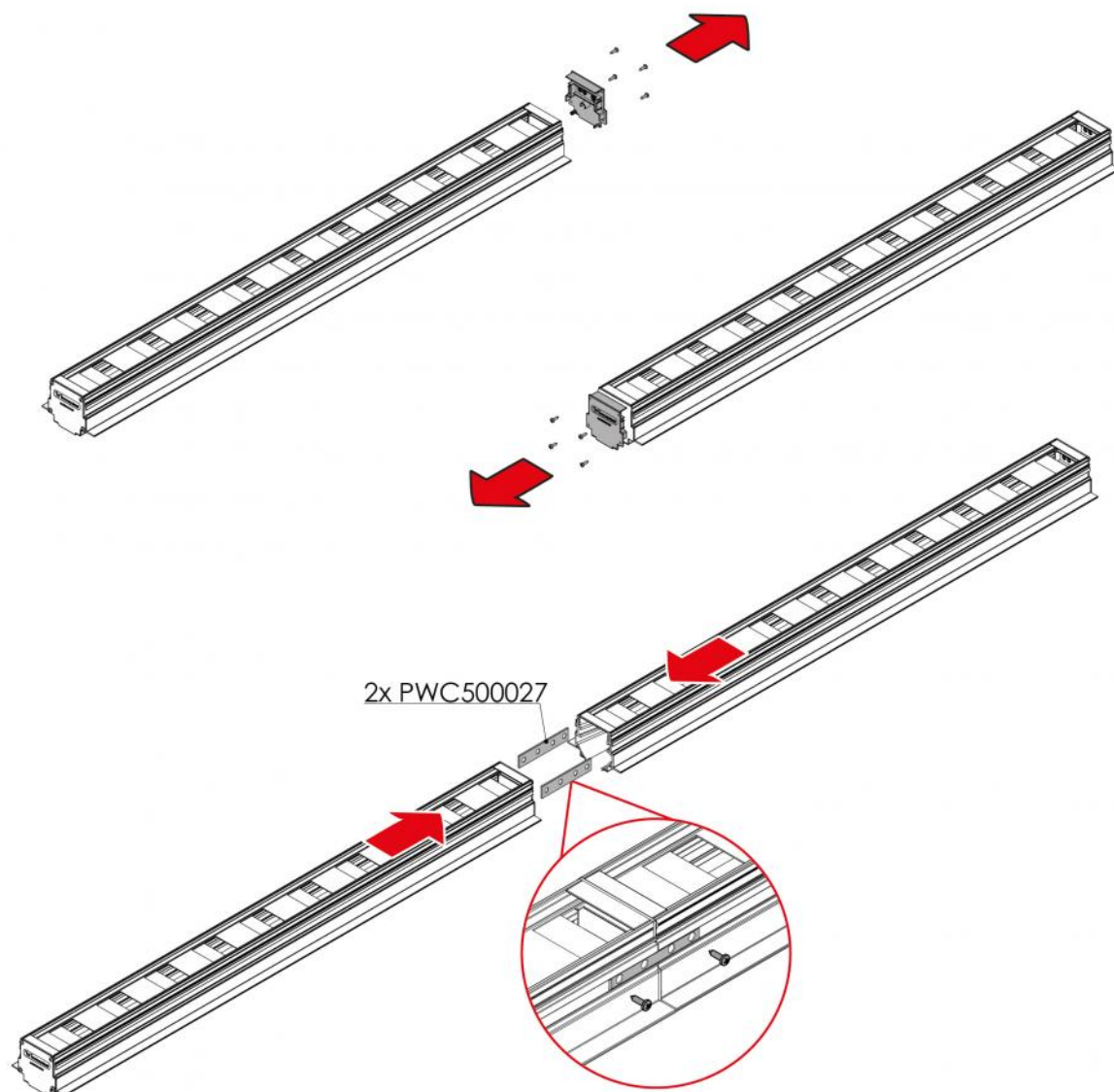
DIMENSIONAMENTI PREDISPOSIZIONI L. 2000



EXAMPLE OF COLLAR AND/OR VMC BUILT-IN INSTALLATION BOX INSTALLATION



EXAMPLE OF CONTINUITY KIT FIXING



ITEMS

CODE	DESCRIPTION
PWD301406	PLÉNUM L600mm SLOT 20mm WHITE
PWD301407	PLÉNUM L600mm SLOT 20mm BLACK
PWD301414	PLÉNUM L600mm SLOT 30mm WHITE
PWD301415	PLÉNUM L600mm SLOT 30mm BLACK
PWD301422	PLÉNUM L800mm SLOT 20mm WHITE
PWD301423	PLÉNUM L800mm SLOT 20mm BLACK
PWD301430	PLÉNUM L800mm SLOT 30mm WHITE
PWD301431	PLÉNUM L800mm SLOT 30mm BLACK
PWD301438	PLÉNUM L1000mm SLOT 20mm WHITE
PWD301439	PLÉNUM L1000mm SLOT 20mm BLACK
PWD301446	PLÉNUM L1000mm SLOT 30mm WHITE
PWD301447	PLÉNUM L1000mm SLOT 30mm BLACK
PWD301454	PLÉNUM L1500mm SLOT 20mm WHITE
PWD301455	PLÉNUM L1500mm SLOT 20mm BLACK
PWD301462	PLÉNUM L1500mm SLOT 30mm WHITE
PWD301463	PLÉNUM L1500mm SLOT 30mm BLACK
PWD301470	PLÉNUM L2000mm SLOT 20mm WHITE
PWD301471	PLÉNUM L2000mm SLOT 20mm BLACK
PWD301478	PLÉNUM L2000mm SLOT 30mm WHITE
PWD301479	PLÉNUM L2000mm SLOT 30mm BLACK

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