

"INOX LUX" series of adapters + grilles for floor

"INOX LUX" series of adapters + inox grilles for pedestrian residential floors



FEATURES

Complete set of pedestrian floor grille (made of stainless steel) with galvanized sheet metal adapter. It can be used indoors and outdoors for both intake and extraction air.

Walkable (max. concentrated load: 300 kg) while remaining completely safe. To be installed perfectly flush with the floor (minimum thickness 136 mm for the floor base).

- VMGPS500X552(75/90)I : grille complete with subframe dim.514x56 mm
- VMGPS100X554(75/90)I : grille complete with subframe dim.1009x56 mm

N.B. The version of the grilles on this data sheet is **Inox Lux**, having them with the upper part of the grid made of 2mm-thick slotted sharp-edged top plate pointed on a lower stainless steel frame.

For the **Inox Smart** series see separate data sheet.

Materials of construction

- Upper part of the grid liftable for inspection: stainless steel AISI 304-2B.
- Part of the grid subframe, attachable to the adapter: stainless steel AISI 304 2B.
- Adapter: galvanized sheet metal with Ø75 / Ø90 "Grey" collars.

Color

Satin-finished stainless steel (for the visible top).

Fixing method

The upper part of the grille is supported on subframe, with the interposition of No. 4 (or No. 6 for version 1000mm) plastic dowels to prevent trampling noise.

The subframe can be attached to the adapter using screws provided.

The adapter can be attached to floor-base with special L-shaped brackets (brackets and screws for attaching the brackets to the adapter are included; dowels/screws for attaching the brackets to the floor-base are excluded).

ACCESSORIES

- VMPP500x55 **extension** P=30mm in galvanized sheet metal. For 500x55 adapters
 - VMPP100x55 **extension** P=30mm in galvanized sheet metal. For 1000x55 adapters
 - VMSIPRO external PE foam insulation strip for extension adapters
 - Other accessories for the adapters such as **filters**, **anti-slip rings** for Ø75 or Ø90 semi-rigid pipes, etc.
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QUICK SELECTION TABLE

Code	No. "Grey" collars	Ø Grey collars [mm]	Dim. actual grille + subframe [mm]	Actual area [m²]	Flow rate (m³/h) with v= 1 m/s Pressure drop: 1 Pa	Flow rate (m³/h) with v= 2 m/s Pressure drop: 3 Pa	Flow rate (m³/h) with v= 3 m/s Pressure drop: 7 Pa	Flow rate (m³/h) with v= 4 m/s Pressure drop: 13 Pa
VMGPS500X55275I	2	Ø75	514x56	0.0085	30	60	(90)	-
VMGPS100X55475I	4	Ø75	1009x56	0.0170	60	120	(180)	-
VMGPS500X55290I	2	Ø90	514x56	0.0085	30	60	90	120
VMGPS100X55490I	4	Ø90	1009x56	0.0170	60	120	180	240

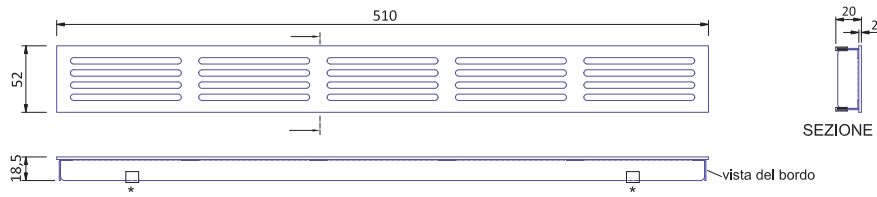
DIMENSIONS

Griglia pedonabile inox (Lux)
misura est. 514x56 mm
completa di adattatore zincato
cod.* VMGPS500X552(75/90)I

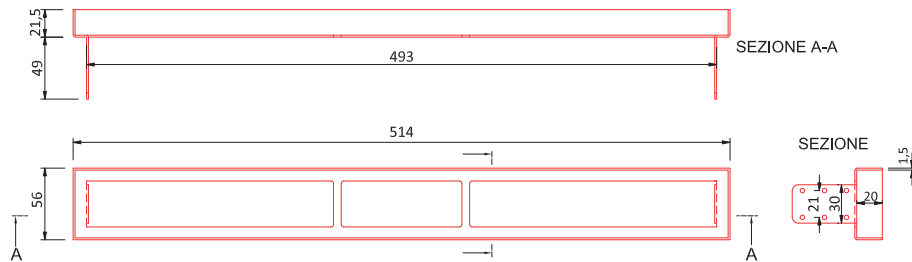
In acciaio inox AISI 304 2B satin. con
griglia sollevabile realizzata con piastra
superiore asolata a spigoli vivi spess. 2
mm puntata su un telaio inferiore inox
spess.0,8 mm.

* = n. 4 tasselli in plastica per evitare
il rumore da calpestio.

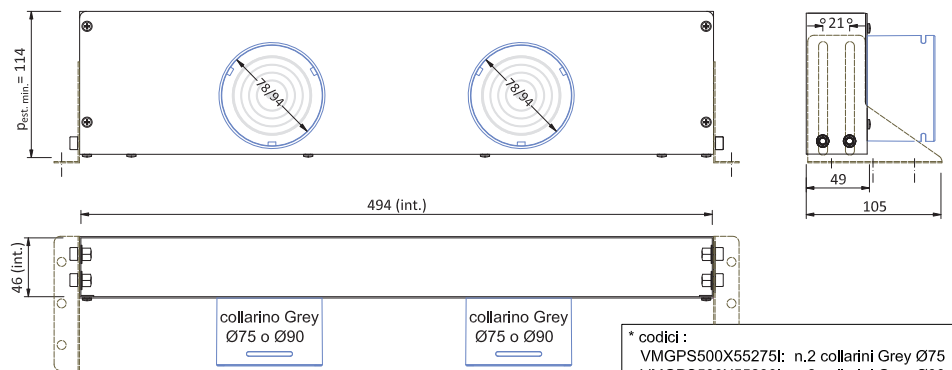
GRIGLIA INOX (parte sollevabile per l'eventuale ispezione)



GRIGLIA INOX (parte del controtelaio)



ADATTATORE IN LAMIERA ZINCATA



Foro per adatt. senza staffe BxH: 500x50 mm
P_{min.}: 136 mm

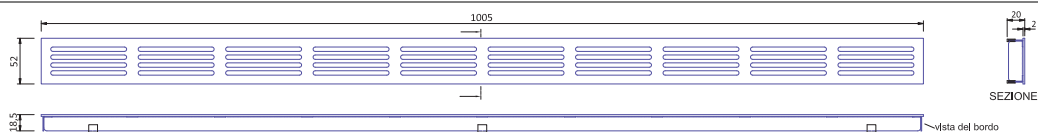
DIMENSIONS

Griglia pedonabile inox (Lux)
misura est. 1009x56 mm
completa di adattatore zincato
cod.* VMGPS100X554(75/90)

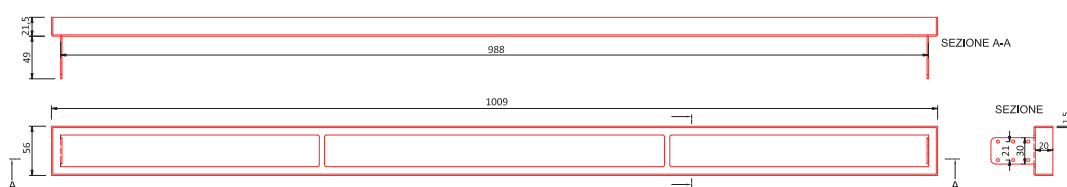
In acciaio Inox AISI 304 2B satin. con
griglia sollevabile realizzata con piastra
superiore asolata a spigoli vivi spess. 2
mm puntata su un telaio inferiore inox
spess. 0,8 mm.

* = n. 6 tasselli in plastica per evitare
il rumore da calpestio.

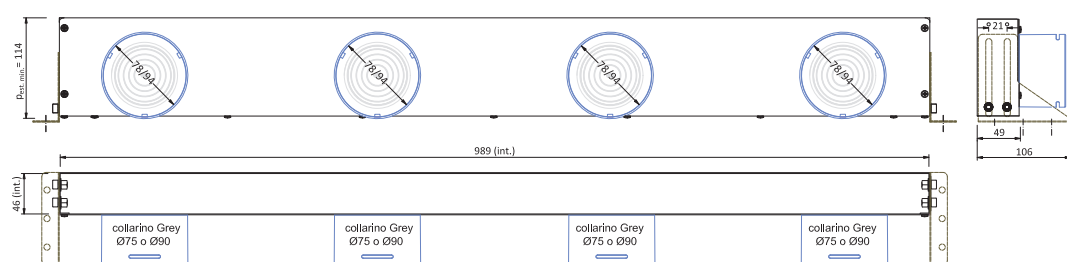
GRIGLIA INOX (parte sollevabile per l'eventuale ispezione)



GRIGLIA INOX (parte del controltaio)



ADATTATORE IN LAMIERA ZINCATO



Foro per adatt. senza staffe BxH: 995x50 mm
P_{min.}: 136 mm

* codici :
VMGPS100X55475: n.4 collarini Grey Ø75
VMGPS100X55490: n.4 collarini Grey Ø90