



## IP 54 EMC Fan

To effectively protect the equipment against electromagnetic disruptions, the EMC fan is equipped with:

- A steel frame covering the plastic elements (self-extinguishing ABS according to standard UL94 V0).
- A metal grille attached to the frame.
- A beryllium gasket guaranteeing conductivity between the perimeter of the fan unit and the enclosure.

Dimensions (mm)		Flow rate (m³/h)	Voltage (V)	Reference
External	Cut-out			
150 × 150 × 36	125 × 125	56	230	<b>NSY17990</b>
250 × 250 × 36	223 × 223	130	230	<b>NSY17991</b>
325 × 325 × 36	291 × 291	460	230	<b>NSY17992</b>

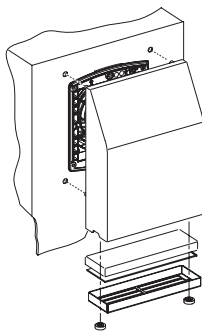


## IP 54 EMC outlet grille

Grille equipped with:

- A steel frame covering the plastic elements (self-extinguishing ABS according to standard UL94 V0).
- A metal grille attached to the frame.
- A beryllium gasket guaranteeing conductivity between the perimeter of the grille and the enclosure.

Dimensions (mm)		Reference
External	Cut-out	
150 × 150 × 36	125 × 125	<b>NSY17996</b>
250 × 250 × 36	223 × 223	<b>NSY17997</b>
325 × 325 × 36	291 × 291	<b>NSY17998</b>



## EMC cover IP 55

- This solution guarantees protection against electromagnetic disruptions and guarantees IP 55.
- The EMC cover is installed on the fans or standard IP 54 outlet grilles.
- The cover, made from aluzinc sheet steel, completely covers the fan or outlet grille.
- Conductivity is obtained by means of:
  - A conductive coating (2 Ω).
  - A conductive copper braid.
- Protection degree: IP 55.
- Resistance to mechanical impacts: IK 10.
- RAL 7035 grey.
- Absorption curve according to standard IEEE 299 1997 (UNE 50147-1).

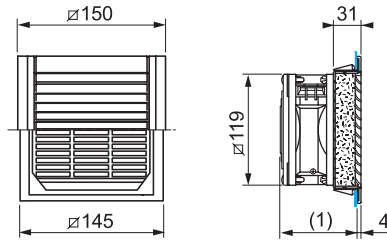
Flow rate (m³/h)*		Dimensions (mm)		Cover ref.	Spare filter for cover	Fan reference	Grille reference
Free	With 1 outlet grille	External	Cut-out	Aluzinc RAL 7035	Minor pack. 5 p	RAL 7035	RAL 7035
74	53	240 × 180 × 60	125 × 125	<b>NSYCAP125LE</b>	<b>NSYCAF125L55</b>	<b>NSYCVF85M230PF</b>	<b>NSYCAG125LPF</b>
110	82	350 × 305 × 80	223 × 223	<b>NSYCAP223LE</b>	<b>NSYCAF223L55</b>	<b>NSYCVF165M230PF</b>	<b>NSYCAG223LPF</b>
165	123	350 × 305 × 80	223 × 223	<b>NSYCAP223LE</b>	<b>NSYCAF223L55</b>	<b>NSYCVF300M230PF</b>	<b>NSYCAG223LPF</b>
316	265	430 × 373 × 105	291 × 291	<b>NSYCAP291LE</b>	<b>NSYCAF291L55</b>	<b>NSYCVF560M230PF</b>	<b>NSYCAG291LPF</b>
502	430	430 × 373 × 105	291 × 291	<b>NSYCAP291LE</b>	<b>NSYCAF291L55</b>	<b>NSYCVF850M230PF</b>	<b>NSYCAG291LPF</b>

\*The impact on the flow rates of the fans with different voltages is similar to the impact of the 230 V fans.

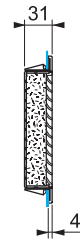
# Ventilation systems

## IP 55 EMC dimensions

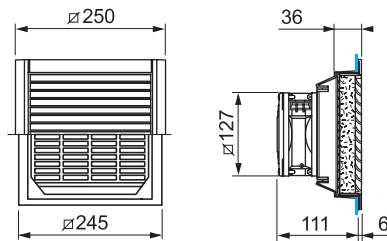
NSY17990



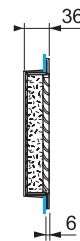
NSY17996



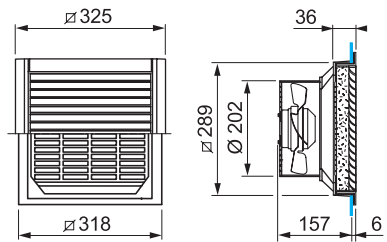
NSY17991



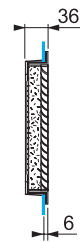
NSY17997



NSY17992



NSY17998



## Dimensions of IP 54 and EMC covers

Dimensions (mm)										
A	B	C	D	E	F	G	Nb. of fixing points	Cover reference		
								IP 54		CEM
180	240	49	60	125	157	182	4	NSYCAP125LZF	NSYCAP125LXF	NSYCAP125LE
305	350	61	80	223	283	280	8	NSYCAP223LZF	NSYCAP223LXF	NSYCAP223LE
373	430	73	105	291	351	348	8	NSYCAP291LZF	NSYCAP291LXF	NSYCAP291LE

