

NTL-FF255 | up to 536m³/h

- New air-flap outlet technology for high airflow
- Easy mounting
- Protection type test/Environmental rating by independent testing institutes
- Standard enclosure cut-out sizes (5 sizes)
- One filter mat

Fan filters are used to provide an optimum climate in enclosures and cabinets with electrical/electronic components. The interior temperature of an enclosure can be reduced by channelling cooler filtered outside air into the enclosure thus expelling heated internal air. The resulting airflow prevents formation of localised hot pockets in installations and protects electronic components from overheating.

The Fan filter series uses a new air-flap outlet technology for the air outlet and thus reaches a high degree of airflow. A ratchet mechanism is used for mounting and provides high stability and tightness. The system is a standard installation with a filter fan in the lower part of the enclosure which ensures that fresh air is fed into the enclosure (airflow direction "In"). This system consists of a filter fan and exit filter.

Technical Data

CE RoHS ISO9001 Patent

NTL-FF255	
Axial fan, ball bearing	service life L10 at +40°C (+104°F): min. 56,000h rotor metal
Connection	3-pole clamp for 2.5mm², clamping torque 0.8Nm max.
Casing, hood, flaps	plastic according to RoHS
Enclosure cut-out	223 x 223 ⁺¹ mm
Mounting frame	4 built-in ratchet braces for mounting (6 notches for wall thickness 1-4mm). Additional use of screws possible if needed ¹ .
Filter mat	G4 acc. to DIN EN 779, filtering degree 94%
Filter material	synthetic fibre with progressive construction, temperature resistant to +100°C, self-extinguishing class F1, moisture resistant to 100% RH, reusable
Operating temperature	-25 to +65°C (-13 to +149°F)
Storage temperature	-40 to +70°C (-40 to +158°F)
Operating/Storage humidity	max. 75% RH (non-condensing)
Protection type/Protection class	IP55 / I (earthed)
Note	other voltages on request

¹ Drilling marks for screw mounting are indicated on mounting frame.

Airflow Direction "In": Fan Filter NTL-FF255

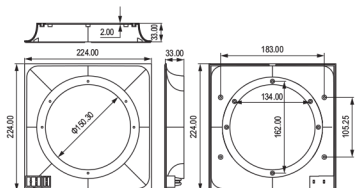
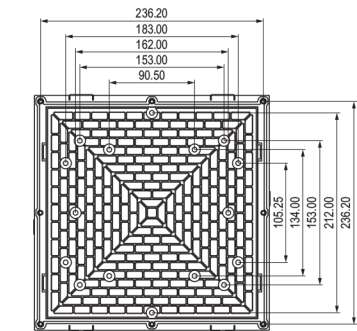
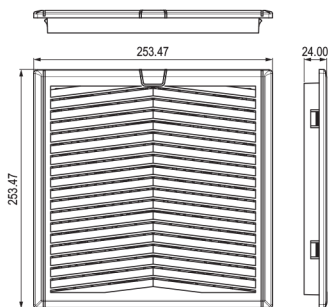
Art. No.	Operating voltage	Air volume, free flow	Air volume with exit filter	Power consumption
860213	AC 230V, 50/60Hz	305m³/h	210m³/h	64W
860214	AC 110V, 50/60Hz	332m³/h	293m³/h	81W

Airflow Direction "In": Exit Filter NTL-F255

Art. No.	Operating voltage	Air outlet	Depth in enclosure
860215	-	air-flap outlet technology	24mm

Etra Air shroud can match with NTL-FF255

Art. No.	Function
861002	Protect from Air leakage, offer wind gathering, can be suitable for different sizes of fan installation



861002