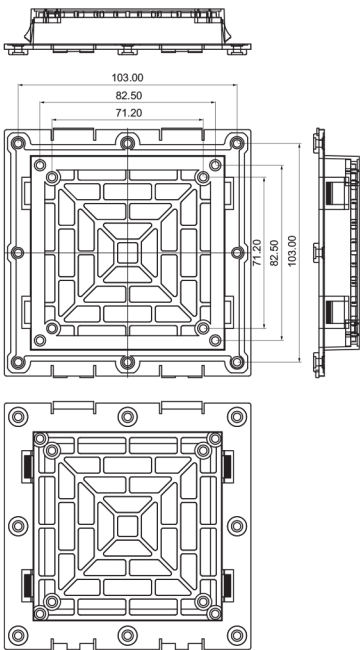


NTL-FF120 | up to 24m³/h



- 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-FF120	
Axial fan, ball bearing	service life L10 at +40°C (+104°F): min. 50,000h fan body aluminium, rotor metal
Connection	2 stranded wires, 300mm
Casing, hood, flaps	plastic according to RoHS
Enclosure cut-out	92 x 92 <sup>+1</sup> mm
Mounting frame	4 built-in ratchet braces for mounting (6 notches for wall thickness 1-4mm). Additional use of screws possible if needed <sup>1</sup> .
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/Storage temperature	-40 to +70°C (-40 to +158°F)
Operating/Storage humidity	max. 90% RH (non-condensing)
Protection type/Protection class	IP55 / I (earthed)
Note	other voltages on request

<sup>1</sup> Drilling marks for screw mounting are indicated on mounting frame.

Airflow Direction "In": Fan Filter NTL-FF120

Art. No.	Operating voltage	Air volume, free flow	Air volume with exit filter	Power consumption
860204	AC 230V, 50/60Hz	19m³/h	13m³/h	12W
860205	AC 110V, 50/60Hz	23m³/h	16m³/h	11W

Airflow Direction "In": Exit Filter NTL-F120

Art. No.	Operating voltage	Air outlet	Depth in enclosure
860206	-	air-flap outlet technology	24mm