

NTL-F152-W: Exit Filter



NTL-FF152-W: Filter Fan



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. It is a standard installation with a filter fan in the lower part of the enclosure which ensures that fresh air is out of the enclosure (airflow direction "Out"). This system consists of a filter fan and exit filter.

Technical Data

NTL-FF152-W

Axial fan, ball bearing	service life L10 at +40°C (+104°F): min. 37,000 h fan body aluminium, rotor metal
Connection	2 stranded wires, 160mm
Enclosure cut-out	125×125 ⁺¹ mm
Mounting frame	Screw Fixing Type, Easy to open the cover.
Filter mat	G4 acc. to DIN EN 779, filtering degree 94%
Filter material	New ABS material confirm to RoHS, Fireproof or not fireproof can be choose
Operating/Storage temperature	-40 to +70°C (-40 to +158°F)
Operating/Storage humidity	max. 90% RH (non-condensing)
Protection type/Protection class	IP54 / I (earthed)
Note	other voltages on request

Technical Parameters

Model	Power Supply	Net Weight (kg)	Fan Size Matched (mm)	Air Flow Rate (free blow) (m ³ /h)	Power Consumption (W)	Current Consumption (A)	Noise Level (dBA)
F152W	-	0.156	without fan	-	-	-	-
152W230A	230VAC	0.53	120×120×25	96/112	14/12	0.07	39/42
152W230B	230VAC	0.64	120×120×38	138/162	19/15	0.11/0.105	43/48
152W115A	115VAC	0.53	120×120×25	96/112	14/12	0.14	39/42
152W115B	115VAC	0.64	120×120×38	138/162	17/14	0.24/0.198	43/48
152W12	12VDC	0.4068	120×120×38	179.76	7.2	0.6	48
152W24	24VDC	0.4068	120×120×38	179.76	9.6	0.4	48

Normally is airflow direction "Out", if you need airflow direction "In", when place order, please advice.