

vandal-proof filter fan Kit

> Vandal-proof design

> High reliability

> Magnetic mount of filters



Electrical and electronic equipment mounted inside a cabinet generate heat that raises the temperature internal air. Over time, the ever increasing heat can cause sensitive devices to malfunctions. Additionally, heat accumulation can cause circuit breakers to trip which can result in system shut down. Fan filter units are used for enclosure climate control to dissipate heat from within the enclosure to prevent the premature failure of the equipment inside it. It helps to increase an operational reliability and a service life for electrical and electronic systems.

Filter fans will cool enclosures to a level slightly above the ambient temperature outside the cabinet. To cool enclosure contents, the fans draw filtered ambient air into the cabinet. At the same time, the heated air within the cabinet is blown out an exhaust. The exhaust is also filtered which creates airflow resistance and a slightly higher pressure inside the enclosure.

NSBon-19 vandal-proof Kit is designed for mounting in electrical enclosures in order to bring outside air into the enclosure from the bottom and force the hot air out of the top of the other side. The units are made in a vandal-proof housing with the possibility of quick filter replacement. The NSBon-19 Kit includes two housing, two fans both intake and exhaust, two filters. The Kit is suitable for all types of panels and electrical enclosures.

The main advantages of NSBon-19 vandal-proof Kit:

- vandal-proof original design;
- very easy replacement of dirty filters;
- magnetic mount is used for filters;

Technical Data

Operating voltage: 240VAC-50/60Hz	Protection category: IP55
Power consumption: 2x 14W	Operating Temp.: -10 to +70°C
Enclosure material: coated sheet steel	Connection: 2-pole clamp
Surface Colour: RAL 7035	Axial fan: Ball bearing
Dimensions: 197 x 174 x 40 mm	Air flow: 80 m3/h

Applications

| Industrial, server, electrical, and electronic cabinets |



Ordering Information

NSBon-19 FAC22F80 Vandal-proof filter fan Kit for electrical enclosure | 2x case+fan+filter