

Inlet Filter Kits

Improved vacuum pump protection,
improved efficiency

Atlas Copco

During different application processes, your vacuum pump is vulnerable to contaminants, dust and other abrasive particulates. Our new range of inlet filter kits safeguard your system better and ensure a longer productive lifespan.

The Atlas Copco inlet filter kits are inline vacuum filters which are installed before the pump inlet and help remove dust from the pipeline. These filters work to drive long-term efficiency and are essential for all rough vacuum pumps like oil sealed rotary vane, dry claw, dry scroll etc. technologies. The kit consists of the inlet filter and the different pipe fittings to connect with the pump for quick and easy installation. To make sure your pumps stay protected through light and medium duty applications, the filter comprises of paper and polyester filter elements with efficiency of 99+% to 5µm.



Key features



Corrosion resistant filter

Carbon steel casing ensures a longer lifespan even in a humid environment.



Heavy capacity

This filter has a better holding capacity for lesser cleaning internals and pressure drop.



Easy filter replacement

Built with stainless steel torsion clips for quick changes during onsite maintenance.



O-ring seal

It comes with a leakproof design to ensure no pressure drop.

While inlet filters kits are suitable to use on rough vacuum pumps. We recommend to use them on the following products.



GVS A series oil-sealed rotary vane vacuum pumps



DZS VSD+ A series dry claw vacuum pumps



DSS dry scroll vacuum pumps

Tough construction brings dependable functioning

The filter is suitable for continuous operation within the temperature range of min -15°F to max 220°F. The tough carbon steel casing ensures durability with the surface finish consisting of grey or black powder coated. For seamless operations, elements of the filter should be replaced once the pressure drop reaches 37-50 mbar above the initial pressure drop of the installation. The time between filter changing or cleaning is heavily dependent on the process. Polyester filters are washable and recommended for heavy to medium duty applications involving dust and powders. Paper filters are not washable and are recommended for light applications and dry processes.

We recommend installing filter kits on all suitable pumps, even if your process is a clean application. The inlet filter kits are especially recommended for applications such as vacuum packaging, wood working, vacuum conveying, pick & place applications. etc.



Inlet filter Kits with NPT connections (Kits only for North America)

Description	Kit PN*	Replacement element	Replacement element PN
Kit Inlet filter ½" polyester	8090360101	Filter element polyester for ½" & 1¼"	8090360115
Kit Inlet filter 1¼" polyester	8090360102		
Kit Inlet filter 1¼" oversized polyester	8090360103	Filter element polyester for 1¼" oversized	8090360116
Kit Inlet filter 2" polyester	8090360104	Filter element polyester for 2"	8090360117

Inlet filter Kits with G/BSPP connections (Kits for Europe, South America and Middle East)

Description	Kit PN*	Replacement element	Replacement element PN
Filter Kit paper ½"	8090360121	Filter element paper for ½"	8090360137
Filter Kit polyester ½"	8090360122	Filter element polyester for ½"	8090360138
Filter Kit paper 1¼"	8090360123	Filter element paper for 1¼"	8090360139
Filter Kit polyester 1¼"	8090360124	Filter element polyester for 1¼"	8090360140
Filter Kit paper 1¼" Oversized	8090360141	Filter element paper for 1¼" oversized	8090360133
Filter Kit polyester 1¼" Oversized	8090360118	Filter element polyester for 1¼" oversized	8090360134
Filter Kit paper 2"	8090360119	Filter element paper for 2"	8090360135
Filter Kit polyester 2"	8090360120	Filter element polyester for 2"	8090360136

*Kit PN includes filter housing, filter element and fittings



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