



Eurovacuum Installations and Operating manual Soda Acid Filters

Soda Acid Filters for Vacuum Pump



Eurovacuum

Eurovacuum

Soda Acid Filters

Eurovacuum Company is offering its various products to meet industrial vacuum needs.

Eurovacuum Company is founded in 2006, with over 30 year experiences in the vacuum Industry its founders have been putting their best efforts continuously to produce high quality Membrane Vacuum Pumps, with diverse range of capacity for use in the industry and laboratories in diverse applications.

Advantages to the User

- Protecting the vacuum pump from acidic vapours
- Trapping of water vapour
- Makes the vacuum pump last longer
- Cuts maintenance costs
- Less down time
- Easy changing of filter cartridges
- Transparent sump to easy show filter change

Application Examples

- Freeze Drying
- Gel Drying
- Reactive Ion Etching

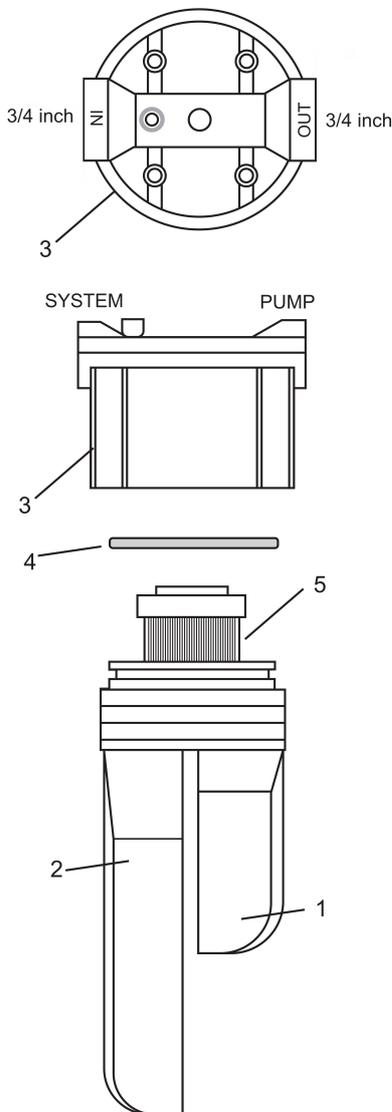


OPERATIONAL INSTRUCTIONS

Read these instructions carefully before you attempt to use this product. Only qualified engineer/electricians suitably trained should undertake the installation and commissioning of this product.

Use of the product

- This filter must only be used for the purpose of protection of vacuum pumps in the range of atmosphere till 10^{-3} mbar.
- Do not pump or evacuate any liquids. Do not pump flammable or explosive gases or operate unit in an atmosphere containing them. Contact Eurovacuum when using in an application other than the described.
- Ambient temperature should not exceed 45°C.
- Do not try to obtain higher pressure then the atmosphere, the filter housing is designed for vacuum use and Not for over-pressure use!



Disassembly

- Unscrew Cap (3) from the sump (1 or 2).
- Remove the filter element (5) and discard according to your local waste disposal rules.
- Remove the O-ring (4).

Assembly

- Clean the Cap (3) and the sump (1 or 2) with detergent and warm water, rinse and wipe dry.
- Install a new filter element (5) in the sump (1 or 2).
- Wipe the O-ring (4) clean and apply a thin layer of vacuum grease. Install the O-ring into the groove of the sump.
- Screw the cap (3) onto the sump. Caution: Do not override positive stop on thread!
- When installing the inlet/outlet fittings use RTV silicone sealant. Do Not over tighten the fittings!

Inspection

Regular inspection can prevent unnecessary damage and repairs. As the sump is transparent it is easy to see the status of the filter cartridge. Replace the cartridge if you see de-colorations or heavy contaminations.



Technical data

Technical Data Article no.		Small size 779001	Medium size 779002
Sump size		114mm	241mm
Pumping speed optimum	m ³ /h	1,5 to 6	7 to 36
Connections	W	75	200
Material Cap		Polypropylene	Polypropylene
Material Sump		Styrene acrylonitrile	Styrene acrylonitrile
Material Seal		Buna-N	Buna-N
Weight	kg	1,5	2,3
Connections	BSP	G ¾"	G ¾"
Dimensions LxD	mm	140 x 235	140 x 365

Available spare parts and accessories

- Soda Acid replacement cartridge type Small article no.: 779101
- Soda Acid replacement cartridge type Medium article no.: 779102
- Adapter flange G ¾" to DN 25 KF article no.: 779901
- Adapter flange G ¾" to DN 40 KF article no.: 779902

YOUR WARRANTY

Eurovacuum finished products, when properly installed and operated under normal condition of use, are warranted by Eurovacuum to be free from defects in material and workmanship for a period of twelve (12) months from the date of purchase from Eurovacuum or an authorized Eurovacuum representative or Distributor in order to obtain performance under this warranty, the buyer must promptly (in no event later than 30 days after discovery of the defect) give written notice of the defect to Eurovacuum or an authorized Service Center. Buyer is responsible for freight charges both to and from Eurovacuum in all times.

This warranty does not apply to products not supplied by Eurovacuum. The warranties also does not extend to any goods or parts which have been subjected to misuse, lack of maintenance, neglect, damage by accident or transit damage.

Eurovacuum maximum liability under this exclusive remedy shall never exceed the cost of the subject product and Eurovacuum reserves the right at its sole discretion to refund the purchase price in lieu of repair or replacement.

Eurovacuum will not be responsible or liable for indirect or consequential damages of any kind, however, arising, including but not limited to those for use of any products, loss of time, inconvenience, lost profit, labor charges, or other incidental or consequential damages with respect to persons, business, or property, whether as a result of breach of warranty, negligence or otherwise. Notwithstanding any other provision of this warranty, buyer's remedy against Eurovacuum for goods supplied or for non-delivered goods or failure to furnish goods, whether or not based on negligence, strict liability or breach of express or implied warranty, is limited solely, at Eurovacuum option, to replacement of or cure of such non-conforming or non-delivered goods or return of the purchase price for such goods and in no event shall exceed the price or charge for such goods. Eurovacuum expressly disclaims any warranty of merchantability or fitness for a particular use or purpose with respect to the goods sold.

Unauthorized extension of warranties by the customer shall remain the customer's responsibility. Customer is responsible for determining the suitability of Eurovacuum products for customer's use or resale or for incorporating them into objects or applications which customer designs, assembles, constructs or manufactures.

This warranty can be modified only by authorized Eurovacuum personnel by signing a specific, written description of any modification.