

P-BE

Edelstahlgehäuse zur Belüftung von sterilen Lagertanks



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Edelstahlgehäuse zur Belüftung von sterilen Lagertanks

Prozeß- Be- und Entlüftungsfilter Single-Gehäuse

Beschreibung

Die 90er Baureihe der ultrafilter Prozeß- Be- und Entlüftungsfilter wird komplett aus Edelstahl gefertigt.

Sie umfaßt sechs Gehäusegrößen. Bei Überschreitung der maximalen Durchflußleistung des jeweiligen Gehäuses verringert sich lediglich die Standzeit des Filters. Die Filtrationssicherheit bleibt hiervon unbeeinflusst.

Alle Gehäuse sind außen poliert und innen geschliffen. Der im Unterteil angeschweißte Gasverteiler verbessert das Strömungsverhalten.

Die Anschlüsse sind leicht montierbare Milchrohranschlüsse nach DIN 11851 von NW 32 — NW 80.

Montage

- Rohrleitungen, die vor dem Filter liegen, müssen von Schmutz und Flüssigkeiten gereinigt werden.
- ultrafilter Filterelemente können in beiden Richtungen von Luft und Heißdampf durchströmt werden. Die empfohlene Durchflussrichtung ist von außen nach innen durch das Filterelement.
- Filter senkrecht einbauen.
- Dichtring in den Gewindestutzen des Anschlußrohres einlegen und je nach Ausführung (siehe Skizze) die Elementemuffe einsetzen.
- Danach das Unterteil auf den Gewindestutzen aufschrauben.
- Folienverpackung des neuen Elementes an der Unterseite (O-Ring Sitz) öffnen und die Folie soweit zurückziehen, daß die O-Ringe freiliegen. Das Element mit leichter Drehbewegung und Andruck in den Stecksitz des Unterteils stecken. Anschließend die Folie ganz abnehmen und die Haube auf das Unterteil aufsetzen und mit den Innensechskant- Schrauben befestigen.

Hinweis

Produkte dürfen nicht mit den Be- und Entlüftungsfiltern in Berührung kommen.

Process vent filters Single housing

Description

The 90' series of the ultrafilter process filter is complete constructed from stainless steel material.

Seven different sizes of filter housings are manufactured. By exceeding the nominal flow of the equivalent filter housing you only shorten the life time of the filter element. It has no influence on the filtration safety.

All housings are externally polished and internally grounded. The welded gas distributor in the bottom part improves the flow characteristics.

The milk pipe thread connection according DIN 11851 (DN 32.fo DF 80) is easy to fit.

Installation

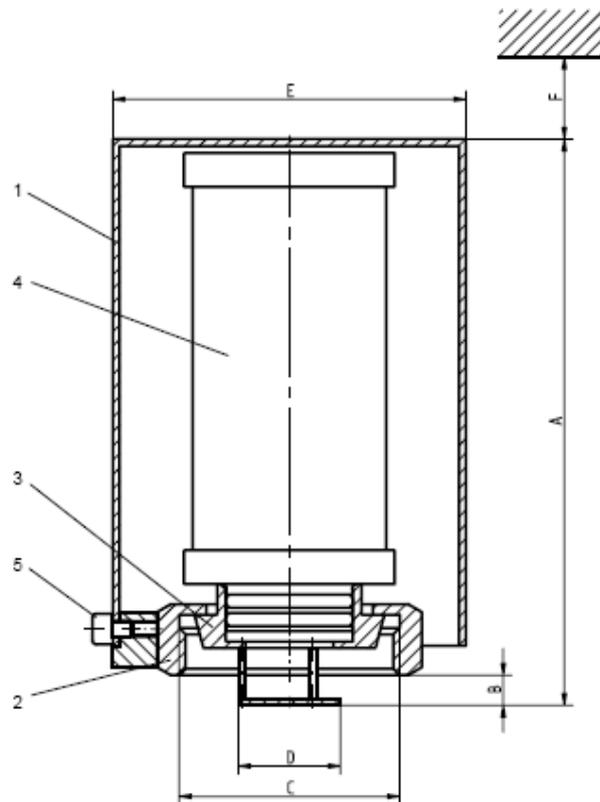
- Piping which are in front of the filter should be free of dirt or liquids. Please clean all piping before installing the filter.
- ultrafilter filter elements can be streamed from air or steam in both directions. The recommended flow direction is from outside to inside of the filter element.
- Filter needs to be installed vertically.
- Put o-ring in the connecting piece of the connection pipe. Depending on type (see drawing) set in the element coupling.
- Screw bottom part on the connection piece.
- Open plastic bag, of the new filter element on the bottom side (o-ring adapter). Pull back the foil so far that the o-ring is exposed. Plug the filter element in the bottom part. Please turn and push. Afterwards take the foil away and screw the cap on the bottom part.

Remark

The product should not be in contact with the vent filter.

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5	1	Innensechskantschr. socket head screw
4	1	Filterelement filter element
3	1	Elementemuffe lone socket
2	1	Gehäuseunterteil lower housing bowl
1	1	Gehäuseoberteil upper housing bowl
Pos. pos.	Stck. piece	Benennung description

zul. Betriebstemperatur max. working temperature	: 200 °C
Werkstoff material	: 1.4301 : 304
Oberflächenbehandlung surface finish	innen geschliffen, außen poliert finished inside, polished outside

Größe size	Gewicht * weight * kg	A mm	B mm	C DIN 11851	D Ø mm	E Ø mm	F mm	Element element
0006	1,5	110	9	DN 32 / Rd 58 x 1/6	24	85	100	03/10
0027	2,2	168	9	DN 40 / Rd 65 x 1/6	30	104	155	05/25
0032	2,4	186	9	DN 50 / Rd 78 x 1/6	42	114,3	155	05/30
0072	3,3	312	9	DN 50 / Rd 78 x 1/6	42	114,3	280	10/30
0144	9,2	550	8	DN 80 / Rd 110 x 1/4	70	154	580	20/30
0192	11,6	805	8	DN 80 / Rd 110 x 1/4	70	154	850	30/30

* ohne Filterelement / without filter element

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Prozeß- Be- und Entlüftungsfilter Multiple-Gehäuse

Beschreibung

Die 90er Baureihe der ultrafilter Prozeß- Be- und Entlüftungsfilter wird komplett aus Edelstahl gefertigt.

Sie umfaßt sechs Gehäusegrößen. Bei Überschreitung der maximalen Durchflußleistung des jeweiligen Gehäuses verringert sich lediglich die Standzeit des Filters. Die Filtrationssicherheit bleibt hiervon unbeeinflusst.

Alle Gehäuse haben Flanschschluß nach DIN 2633 von DN 100 bis DN 200.

Die Gehäuse sind außen poliert und innen geschliffen.

Montage

- Rohrleitungen, die vor dem Filter liegen, müssen von Schmutz und Flüssigkeiten gereinigt werden.
- ultrafilter Filterelemente können in beiden Richtungen von Luft und Heißdampf durchströmt werden. Die empfohlene Durchflußrichtung ist von außen nach innen durch das Filterelement.
- Filter senkrecht einbauen.
- Zuganker in das Unterteil einschrauben.
- Folienverpackung der neuen Filterelemente an der Unterseite (O-Ring-Sitz) öffnen und Folie soweit zurückziehen, daß die O-Ringe freiliegen. Die Elemente mit leichter Drehbewegung und Andruck in den Stecksitz des Unterteils stecken. Anschließend die Folie ganz abnehmen.
- Haube über den Zuganker auf die Filterendkappen absetzen.
- Ringmutter auf den Zuganker schrauben.
- Filtergehäuse an den Flansch der Rohrleitung anschrauben.

Hinweis

Produkte dürfen nicht mit den Be- und Entlüftungsfiltern in Berührung kommen.

Process vent filters Multiple housing

Description

The 90 ' series of the ultrafilter process filter P-BE is completely constructed from stainless steel material.

Six different sizes of filter housings are manufactured. By exceeding the nominal flow of the equivalent filter housing you only shorten the life time of the filter element. It has no influence on the filtration safety.

All housings have a flange according to DIN 2633 from DN 100 to DN 200.

The housings are externally polished and internally grounded.

Installation

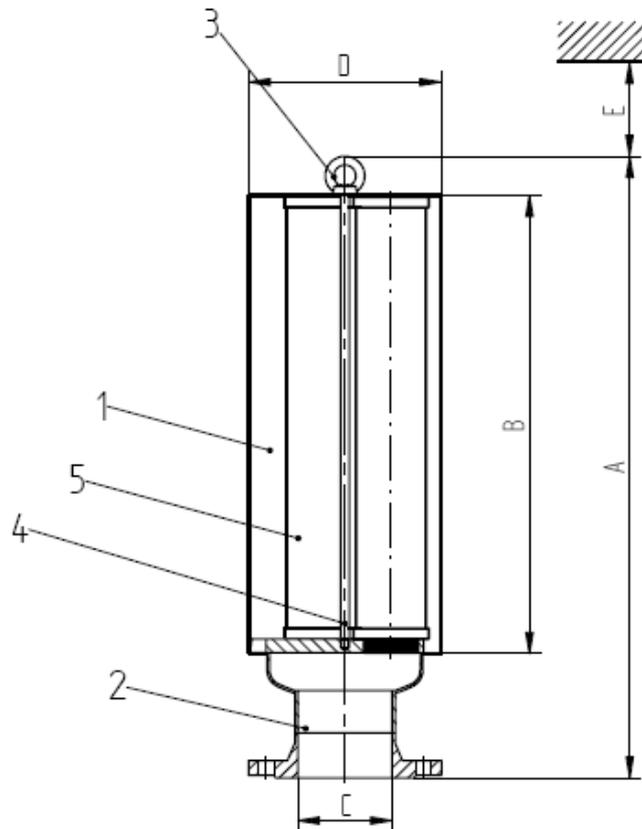
- Piping which are in front of the filter should be free of dirt or liquids.
- ultrafilter filter elements can be streamed from air or steam in both directions. The recommended flow direction is from outside to inside of the filter element.
- Filter needs to be installed vertically.
- Screw in the anchor bolt into the bottom
- Open plastic bag of the new filter element on the bottom side (O-ring adapter) and pull the foil back so far that the O-rings are exposed. Plug the filter element in the bottom part. Please turn and push. Afterwards take the foil away.
- Deposit the upper housing bowl over the anchor bolt on the filter end caps
- Screw the adjusting nut on the anchor bolt.
- Screw down the filter housing on the flange of the piping.

Remark

The product should not be in contact with the vent filter.

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5	1	Filterelement filter element						
4	1	Zuganker anchor bolt						
3	1	Ringmutter lifting eye nut						
2	1	Gehäuseunterteil lower housing bowl						
1	1	Gehäuseoberteil upper housing bowl						
Pos. pos.	Stck. piece	Benennung description	zul. Betriebstemperatur : 200°C max. working temperature					
			Werkstoff : 1.4301 material : 304					
			Oberflächenbehandlung : innen geschliffen, außen poliert surface finish : finished inside, polished outside					
Größe size	Gewicht * weight * kg	A mm	B mm	C DIN 2633	D Ø mm	E mm	Element element	
0432	14,5	720	530	DN 100	219,1	550	3 x 20/30	
0576	17,5	970	780	DN 100	219,1	800	3 x 30/30	
0768	21	980	780	DN 150	273	800	4 x 30/30	
1152	30	980	780	DN 150	323,9	800	6 x 20/30	
1536	40	980	780	DN 200	355,6	800	8 x 30/30	
1920	43	980	780	DN 200	355,6	800	10 x 30/30	

* ohne Filterelement / without filter element

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Worldwide Warranty Statement

Under proper use, installation, application, and maintenance in accordance with the manufacturer's written recommendations and specifications for a specific time period outlined below each ultrafilter product is warranted to be free from defects in materials and workmanship. Before installing the ultrafilter products, the customer has to ensure that his application/usage of the ultrafilter product is in accordance with the manufacturer's recommendations and specifications.

The manufacturer's warranty is a legal remedy and limited to the repair or replacement (at ultrafilter's option) of unaltered products returned to the manufacturer and proven to have such defect, provided the defects are reported within the time guideline listed below. Any replacement parts or dryers will extend to the remaining period of original warranty and not beyond.

Refrigerated Air Dryers and Chillers - 24 months from date of invoice.

Note: In addition to the above stated warranty, both air to air and air to refrigerant heat exchangers in ultrafilter dryers are warranted on a prorated basis from time of shipment for a period of five (5) years. This extended warranty is limited to these parts only and will be prorated in the following manner:

Year 1 - 100%, year 2 - 100 %, year 3 - 75%, year 4 - 50%, year 5 - 25%.

Regenerative Dryers - 24 months from date of invoice. Proof of installation must be received from claimant to verify installation date or commissioning by ultrafilter service.

All Other Commodity Products - filters, drains, economizers, ultraseps, and components, etc.: 12 months from date of final shipment to the end customer by factory or manufacturer's authorized distributor. 60 month material safety

guarantee for housings from date of invoice.

ultrafilter Original Spare Parts- twelve (12) months 'parts only' warranty from date of purchase.

Products found to be damaged by exposure to acidic or otherwise corrosive environments will not be covered under normal or prorated warranty.

Maintenance and Adjustment - Adjustment to hot gas bypass valves, float drains, condenser cleaning, and other routine maintenance required to keep a dryer in good operating order are not considered a warranty item. This is the responsibility of the owner of the equipment, and labour or material for such will not be reimbursed under warranty. The usual maintenance and replacement type products are not covered by this warranty. Please consult the installation and operation manual for adjustment and maintenance requirements.

Before any warranty service work is started, it must first be authorized by ultrafilter. ultrafilter will not reimburse warranty work unless it has been pre-authorized. Unauthorized service voids the warranty and any resulting charge or subsequent claim will not be paid.

What Is And What Is Not Covered Under This Warranty?

NOT COVERED:

- All freight damage claims are not the responsibility of the manufacturer and are not covered under warranty, as all products are shipped F.O.B. shipper. Please direct freight claims to the shipper in question.
- More than one service technician on one warranty job, extra helpers deemed necessary (on-site personnel should assist as much as possible).

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Worldwide Warranty Statement

- Overtime hours, weekend labour rates.
- Airfreight of units or parts. If airfreight is required, the manufacturer will pay the cost for normal ground transportation and the customer will be liable for costs exceeding those charges.
- Removal or reinstallation of equipment or extra bypassing to accomplish repairs.
- Hot gas valve adjustments or other normal maintenance items.
- Damages due to misapplication, incorrect installation or use, poor maintenance, corrosive environments, or other items outside the scope of manufacturer defects. See operating and instruction books.
- Service work by unauthorized service.

COVERED:

- Repairs due to defects in materials.
- Repairs due to defects in workmanship.
- A maximum of 200 km round trip travel for one service technician at a maximum rate of 60 € / hour and 30 cent / per mile.
- Any accessories, parts and equipment supplied by ultrafilter, but not manufactured by ultrafilter shall carry whatever warranty the manufacturer has given to ultrafilter, provided it is possible for ultrafilter to pass on such warranty to the customer.
- Total value of claim not to exceed the value of the part including labour and materials.

Specifications, limitations and recommended applications and uses for and of products may be established or amended by ultrafilter from time to time. Only those specifications, limitations and recommended applications and uses expressly identified as such shall be binding upon ultrafilter. Samples, descriptions, representations, and other information concerning products in

ultrafilter catalogues, advertisements or other promotional materials or statements of representations made by ultrafilter employees or sales representatives are for general information purpose only and are not binding upon ultrafilter with respect to such warranty provisions.

No employee or sales representative of ultrafilter shall have any authority whatsoever to establish, expand or otherwise modify ultrafilter product specifications, limitations, or recommended applications without ultrafilter giving its prior express written consent to the customer.

To claim under warranty, the goods must have been installed and continuous maintenance must have taken place in the manner specified in the Operators Handbook. Our service engineers are highly qualified and equipped to assist you in this respect. They are also available to do repairs that may become necessary, in which event they will require an official order before carrying out the work. If such work is to be the subject of a warranty claim, the order should be endorsed 'for consideration under warranty'. Warranty claims must be submitted and shall be processed in accordance with ultrafilter's established warranty claim procedure.

This is the only authorized ultrafilter warranty and is in line with all other expressed or implied warranties or representation including any implied warranties or other obligations on the part of the manufacturer. The forgoing is the exclusive remedy of any buyer of the manufacturer's product. The maximum damages liability of the manufacturer is the original purchase price of the product or part. ultrafilter will not be held liable for business interruptions, loss of profits, personal injury, costs of delay or any other special indirect, incidental, special or consequential loss, costs, or damages.



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