



Oil cleaning: A simple solution for an invisible problem

A Simple, environmentally friendly solution for increased uptime and process availability. Investing in oil cleaning gives your company a better economy.

EF2165Dbtb Offline oil cleaner

Removes all types of contamination:

- Soft and hard particles down to $\geq 0,1 \mu\text{m}$
- Bacteria
- Water (free and emulsified)
- Oxidation products (sludge and resin).

Benefits:

- Cost effective maintenance
- No oil changes = Environmentally friendly
- Change filters instead of changing oil
- Increased machine lifetime
- Less downtime
- No oxidation in oil

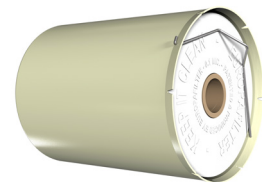


Filter insert EF500HY

Dirt capacity: ISO 12103-1 FTD: 1755 g $\geq 0,1$ micron

Water absorption, restricted and unrestricted: $\geq 3000\text{ml}$

Material insert: Cellulose, Polypropylene Homopolymer

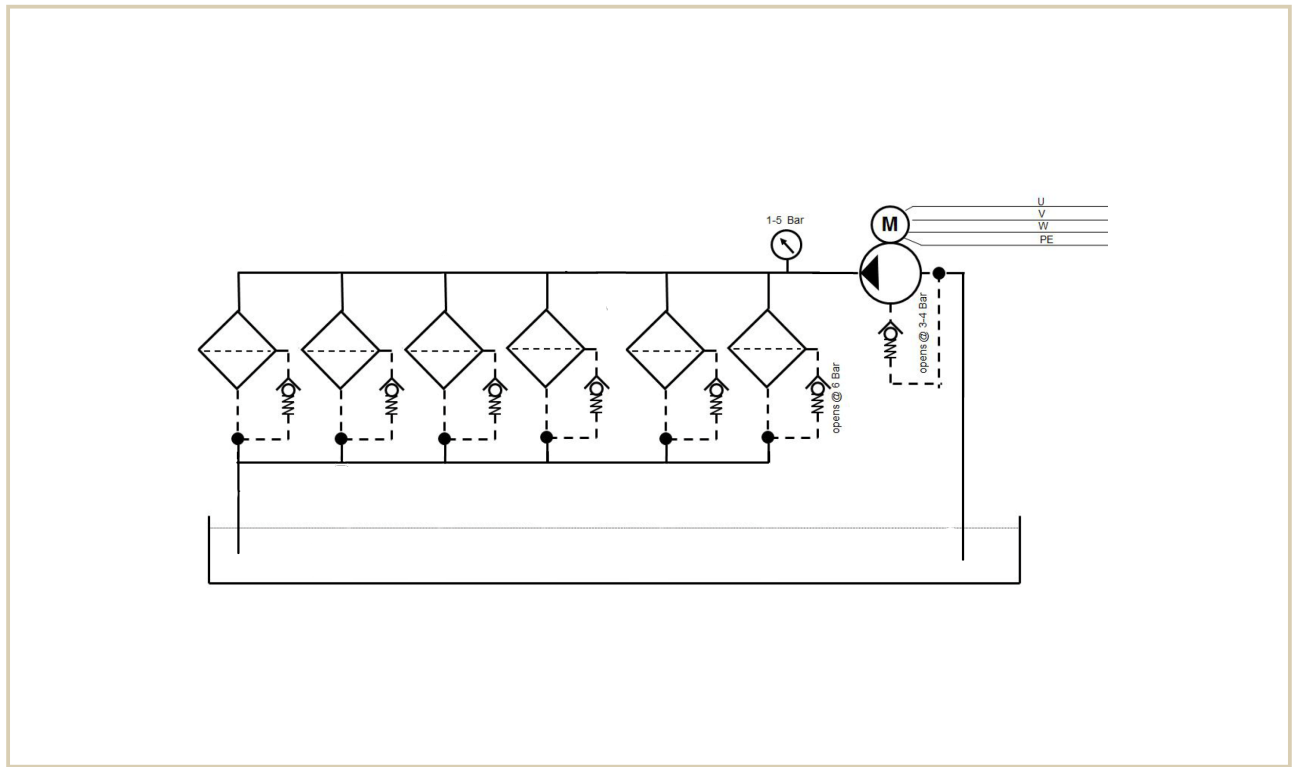


TECHNICAL SPECIFICATION

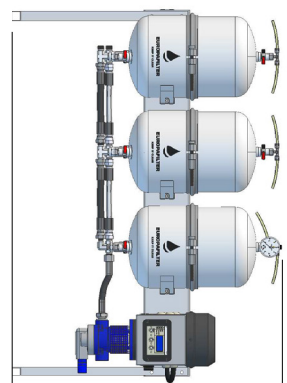
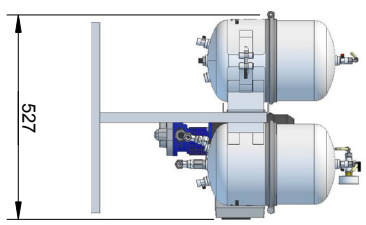
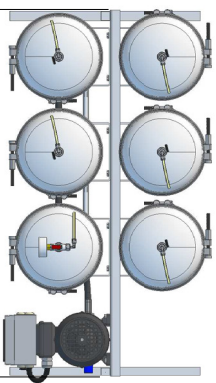
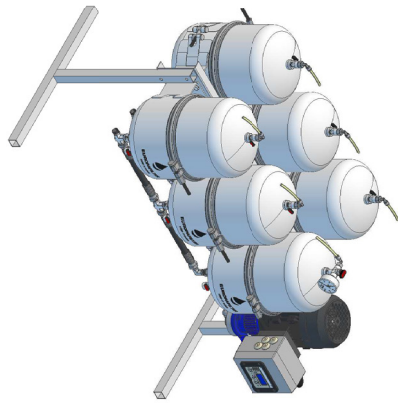
Europafilter	EF2165Dbtb							
Dry weight:	51,9 kg							
Operating weight:	85,1 kg							
Depth:	527 mm							
Width:	949 mm							
Height:	696 mm (Service height filter replacement + 250 mm)							
Dirt capacity: (particles/water)	Particles ISO 12103-1 FTD: 1755 g \geq 0,1 micron Water absorption, restricted and unrestricted: \geq 3000 ml (Depending on oiltype)							
Oil temp:	Max. 80 °C (On higher temperatures contact Europafilter)							
Particle removal:	\geq 0,1 micron							
Working pressure:	0.8–5 bar							
Pressure:	Max. 6 bar, safety valve opens at 6 bar							
Power consumption:	0.12 kW							
Power supply:	Standard 1x230 V. Optional 3x220 V / 3x400 V+N. Others on request							
Hose connection IN:	\varnothing 3/4" BSP							
Hose connection OUT:	\varnothing 3/8" BSP							
Installation (see drawing):	Connect as an offline unit. «IN» = hose to tank and «UT» = hose to tank							
Flow, min.–max.:	6–240 l/h. Varies depending on oil viscosity and pressure							
Approx flow at 3 bar:	32 cSt	46 cSt	68 cSt	100 cSt	150 cSt	220 cSt	320 cSt	460 cSt
	12 l/min	9 l/min	6 l/min	4,8 l/min	3,6 l/min	2,4 l/min	1,2 l/min	0,6 l/min
Oil volume *, max. rec.:	36000 l	27000 l	18000 l	15600 l	13200 l	12000 l	5400 l	2700 l

* For other oilvolumes: Contact your Europafilter dealer.

TECHNICAL DRAWING Offline installation



TECHNICAL SPECIFICATION

1	2	3	4	5	6																																																
A	B	C	D	A	B																																																
 <p style="text-align: center;">696 (Service height filter replacement + 250 mm)</p>			 <p style="text-align: center;">527</p>																																																		
 <p style="text-align: center;">947</p>																																																					
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Itemref</td> <td style="width: 50%;">Quantity</td> </tr> <tr> <td>Drawn by Joachim Rainal</td> <td></td> </tr> <tr> <td>Checked by</td> <td>Title/Name, designation, material, dimension etc</td> </tr> <tr> <td>Approved by - date</td> <td>File name</td> </tr> <tr> <td>Date 2014-06-10</td> <td>Article No./Reference</td> </tr> <tr> <td></td> <td>Scale</td> </tr> </table>		Itemref	Quantity	Drawn by Joachim Rainal		Checked by	Title/Name, designation, material, dimension etc	Approved by - date	File name	Date 2014-06-10	Article No./Reference		Scale	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">RevNo</td> <td style="width: 50%;">Revision note</td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> </table>		RevNo	Revision note											<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Date</td> <td style="width: 50%;">Signature</td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> </table>	Date	Signature											<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Edition</td> <td style="width: 50%;">Sheet</td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> </table>	Edition	Sheet										
Itemref	Quantity																																																				
Drawn by Joachim Rainal																																																					
Checked by	Title/Name, designation, material, dimension etc																																																				
Approved by - date	File name																																																				
Date 2014-06-10	Article No./Reference																																																				
	Scale																																																				
RevNo	Revision note																																																				
Date	Signature																																																				
Edition	Sheet																																																				
<p>EF2165D BTB</p>																																																					