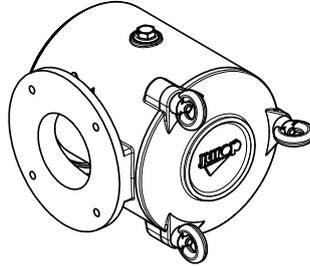
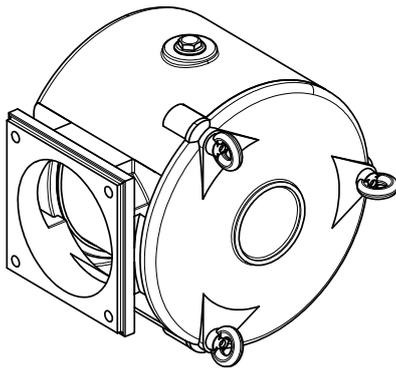


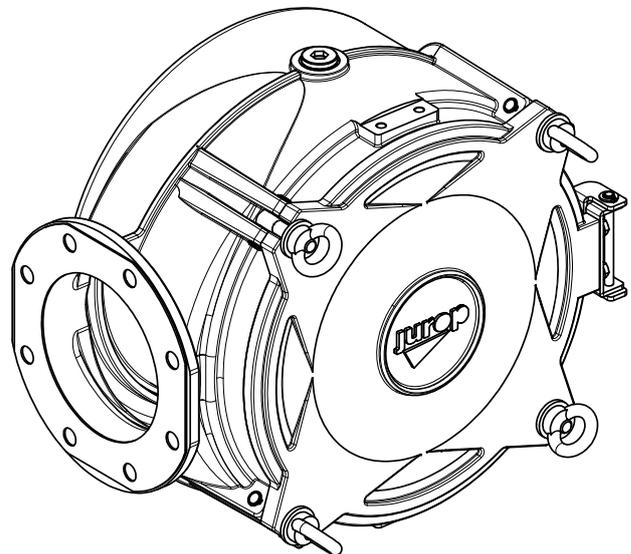
ORIGINAL INSTRUCTIONS



SMALL FILTER



MEDIUM FILTER



LARGE FILTER

TECHNICAL DATA SHEET

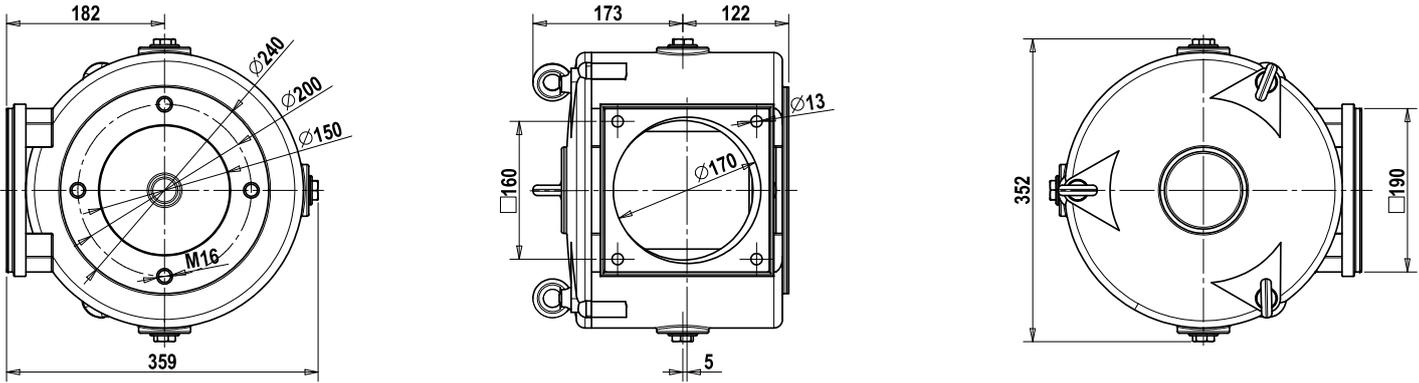
CODE 14450 029 00 - 14450 064 00

CODE 14450 032 00 - 14450 065 00

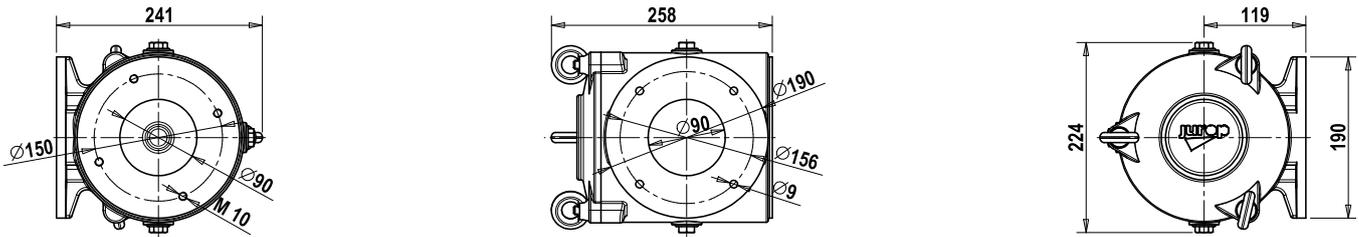
CODE 14450 068 00 - 14450 072 00

COMPANY WITH
QUALITY SYSTEM
CERTIFIED BY DNV GL
= ISO 9001 =

Overall dimensions medium filter – code 14450 032 00 / code 14450 065 00



Overall dimensions small filter – code 14450 029 00 / code 14450 072 00

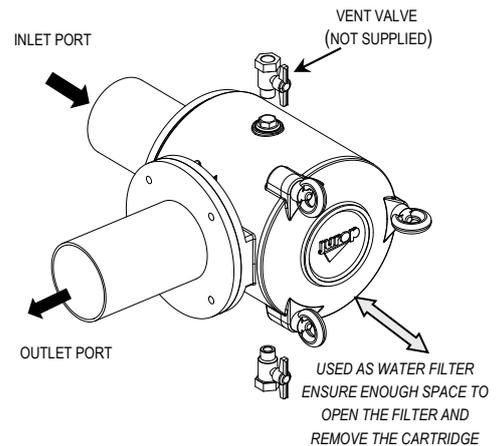


3. Installation

The air-water filter must be installed in correspondence of the intake line of the decompressor or of the water pump. We recommend installing it in the proximity of the unping device with **outlet duct placed on the side**: this prevents dirt from entering inside the pump when replacing/cleaning the filter.

We recommend connecting it to the pump using stainless steel pipes (to prevent wet and dry corrosion, especially when used as water filter). The cartridge cleaning (or replacement) frequency can vary according to its use; this is why we recommend **placing it in an easily accessible location**, to simplify maintenance. Moreover, the 1/2" drain for the smaller version, the 3/4" drain for the medium version, and 1" one for the larger version must also be easily accessible to drain the liquid inside the filter (used as air filter, lower valve) and vent the filter (used as water valve, upper valve).

Should any valves be installed, these must ensure the tightness of the device. During the winter season, the liquid contained in the filter must be drained during downtime.



4. Maintenance

Under ordinary use conditions, we recommend cleaning the filter on a weekly basis. In the event of heavy duty conditions, clean (or replace) the cartridge every time the line performance appears to be compromised.

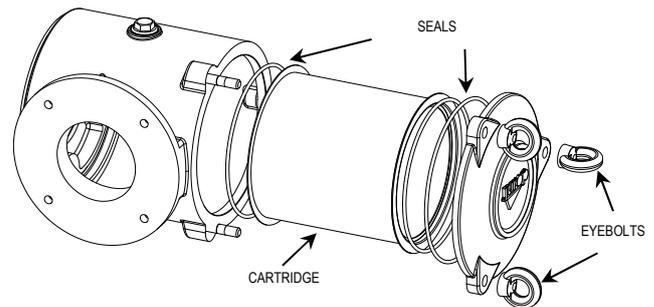
The filter must be cold cleaned.

For routine maintenance proceed as follows:

- Loosen the three eyebolts and remove/open the cover;
- Extract the filtering cartridge (pos. 1) and the relative seals (pos. 4 and the two gaskets pos. 5 for small and medium filter and pos. 8 and the two gaskets pos. 9 for large filter), clean with detergent and blow compressed air until clean;

- Reinstall the previously removed components taking care to place the seals correctly (pos. 4-5 and 8-9).

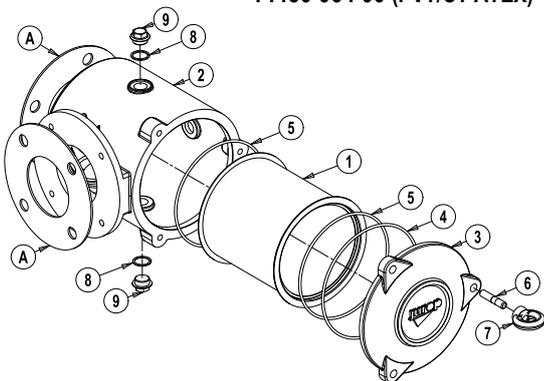
The following figure shows a schematic diagram of the maintenance procedure.



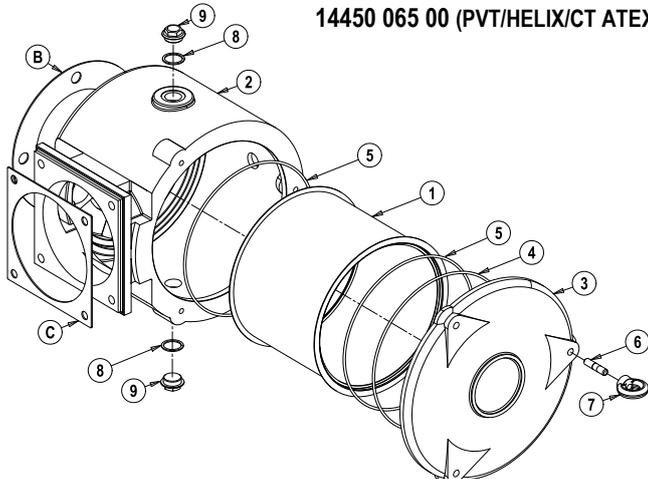
We recommend using non-flammable detergents with passivating and protective properties.

Recover the liquid detergent and dispose of it in compliance with the standards in force.

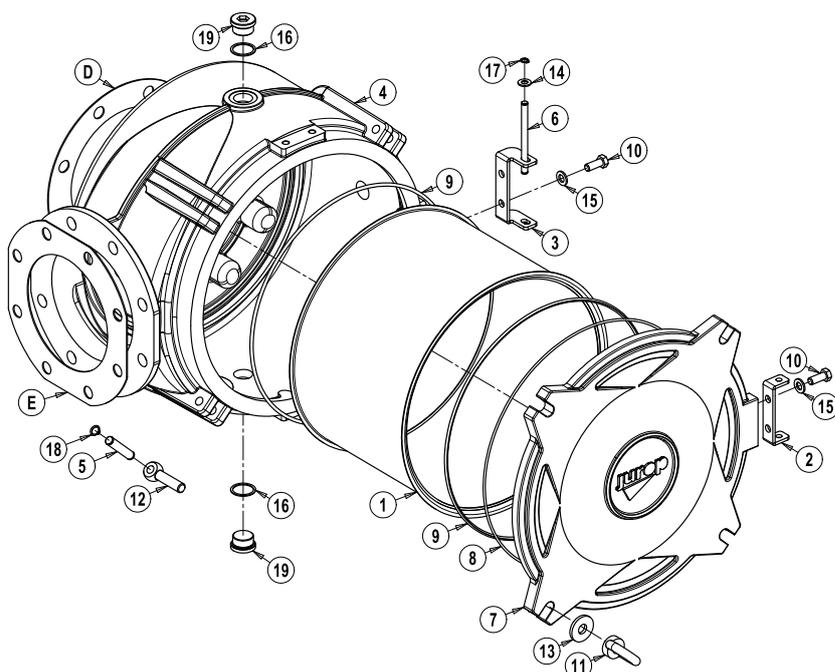
- Dry the cartridge and the entire filter well;

AIR-WATER SUCTION FILTERS
Small air/water filter
14450 029 00
14450 064 00 (PVT/CT ATEX) *


Pos.	Code	Description	Q.ty
1	1545002900	CARTRIDGE MESH55	1
	15450W7CB0	CARTRIDGE MESH120 *	1
2	1612100900	FILTER HOUSING	1
3	1640101300	FILTER COVER	1
4	4022200245	O-RING 4675	1
5	4022200257	O-RING 4625	2
6	4026171504	GALV. STUD BOLT 8.8 M10X35	3
7	4026191101	GALV. FEMALE EYELET M10	3
8	4026359003	ALUMINIUM WASHER 21.5X26X1.5	3
9	4026904001	GALV. BLIND COVER 1/2"	3
Accessories available upon request :			
A	16807ZSPA0	ROUND PAPER GASKET DN80 PN6	2

Medium air-water filter
14450 032 00
14450 065 00 (PVT/HELIX/CT ATEX) *


Pos.	Code	Description	Q.ty
1	1545002700	CARTRIDGE MESH55	1
	15450W7DB0	CARTRIDGE MESH120 *	1
2	1612101000	FILTER HOUSING	1
3	1640100500	FILTER COVER	1
4	4022200243	O-RING 4975	1
5	4022200262	O-RING 4950	2
6	4026171506	GALV. STUD BOLT 8.8 M10X45	3
7	4026191101	GALV. FEMALE EYELET M10	3
8	4026359000	ALUMINIUM WASHER 32X26X1.5	3
9	4026904002	GALV. BLIND COVER 3/4"	3
Accessories available upon request :			
B	1680609500	NBR ROUND SEAL	1
C	1680609600	SQUARE SEAL	1

Large air filter
14450 068 00
14450 072 00 (PVT/HELIX/CT/CTH ATEX) *


Pos.	Code	Description	Q.ty
1	15450EDGB0	CARTRIDGE MESH55	1
	15450W7EB0	CARTRIDGE MESH120 *	1
2	16120Z8LB0	HINGE 1 FILTER D400	1
3	16120Z8MB0	HINGE 2 FILTER D400	1
4	1612102100	FILTER HOUSING D400	1
5	16220Z8JB0	PIN 1 FILTER D400	4
6	16220Z8KB0	PIN 2 FILTER D400	1
7	1640102800	FILTER COVER D400	1
8	4022200611	O-RING 41700	1
9	4022200612	O-RING 61600	2
10	4026103002	SCREW TE 8,8 M12X30 ZINC.	4
11	4026191103	GALV. FEMALE EYELET M16	4
12	4026191210	GALV.EYELET M16X70	4
13	4026353805	WASHER D.17X45 SP.5	4
14	4026357006	GALV. FLAT WASHER M10	2
15	4026357007	GALV. FLAT WASHER M12	4
16	4026359001	WASHER 40X33,5X1,5 AL.	3
17	4026510008	SEGER RING E 10	2
18	4026510012	SEGER RING E 14	8
19	4026701605	GALV. BLIND COVER 1"	3
Accessories available upon request :			
D	16807026C0	GASKET DN175 PN10	1
E	1680711800	GASKET DN175 PN10 SM.	1