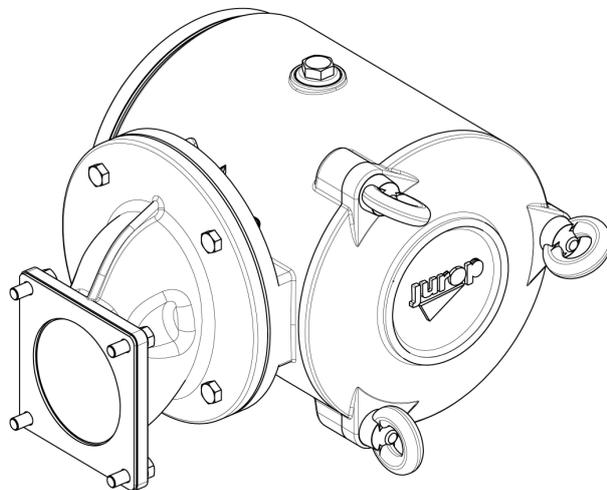
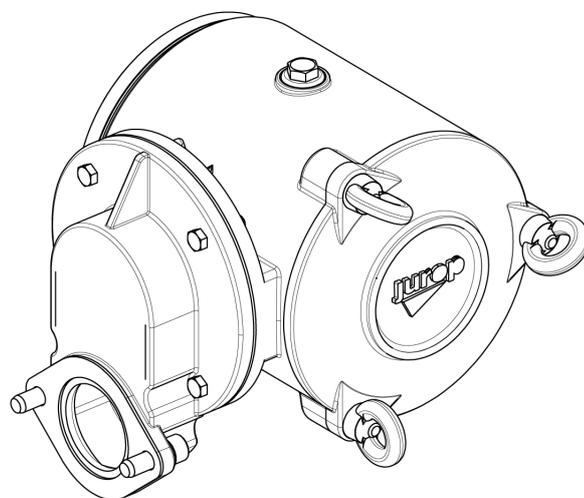


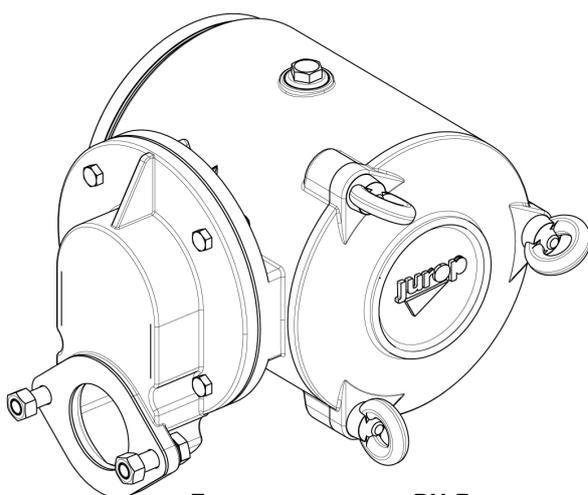
ORIGINAL INSTRUCTIONS



FILTER SUCTION UNIT LC420-RV520



FILTER SUCTION UNIT LC300-RV360



FILTER SUCTION UNIT PN-R

TECHNICAL DATA SHEET

CODE 18521 2L4 B0
CODE 18521 CNG B0
CODE 18521 CNG B0



COMPANY WITH QUALITY MANAGEMENT
SYSTEM CERTIFIED BY DNV
= ISO 9001:2008 =

1. General warnings

This technical data sheet gives all the technical information concerning the suction units equipped with filter that can be installed on various Jurop pumps.

Complying with the instructions contained in this technical data sheet is crucial for the recognition of warranty against defective parts. Upon receiving the goods, ensure that they are intact and have not been accidentally damaged during transport. In the event parts of the accessory must be replaced, **use only genuine spare parts**.

2. Technical data

The suction units described in this technical data sheet consist of an air filter onto which are installed a rear flange to connect to the intake piping and a side manifold (connected to the outlet from the filter), duly flanged for installation on various types of Jurop pumps.

The suction units described in this technical data sheet are designed to be installed in correspondence of the intake line (in the proximity of the suction device) of air decompressors.

These suction units are designed to be connected directly to the vacuum pump through the flanged manifold. The suction units prevent foreign bodies (with dimensions greater than the degree of filtration of the filtering cartridge) from entering inside the pumping system.

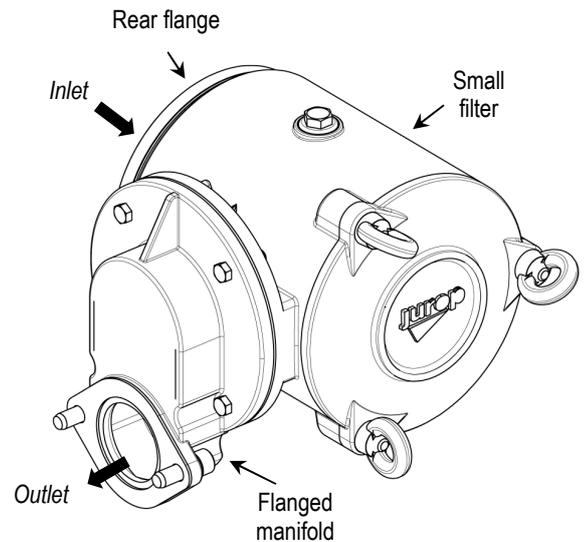
The following figure shows a schematic diagram of one of the available suction units.

The suction units are available in three versions:

- **Filter suction unit LC420-RV520** (code 18521 2L4 B0) made of aluminium;
- **Filter suction unit LC300-RV360** (code 18521 CNG B0) made of aluminium;
- **Filter suction unit PN-R** (code 18521 9N7 B0) made of aluminium;

All versions are equipped with an aluminium filter housing (having a stainless steel cartridge), a side flanged aluminium manifold and a rear steel flange.

The following table shows operating parameters, such as air flow rate and weight (the same for all three versions).



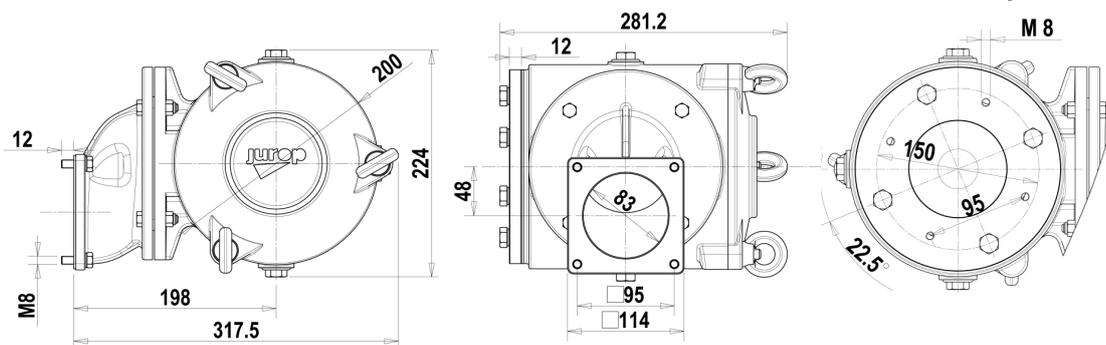
Operating parameters

Parameter	Filter suction unit
MAXIMUM AIR FLOW RATE	1,300 m ³ /h
WEIGHT	10 Kg

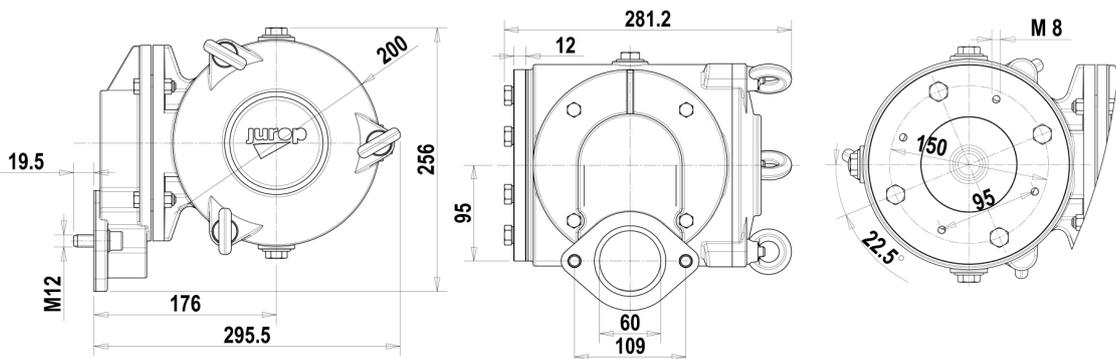
The following table indicates the Jurop pumps suitable for being coupled to the various types of suction filters.

Type of pump	Filter suction unit LC420-RV520 code 18521 2L4 B0	Filter suction unit LC300-RV360 code 18521 CNG B0	Filter suction unit PN-R code 18521 CNG B0
DL60 – DL80 – DL100		x	
DL120 – DL140	x		
LC 300		x	
LC 420	x		
RV 360		x	
RV 520	x		
PN45 – PN58 – PN84 – PN106 – PN260			x
PN130 – PN140 - PN155 – PN155R	x		
PNR/E 72 - PNR/E 82			x
PNR/E 102 - PNR/E 122 - PNR 142	x		

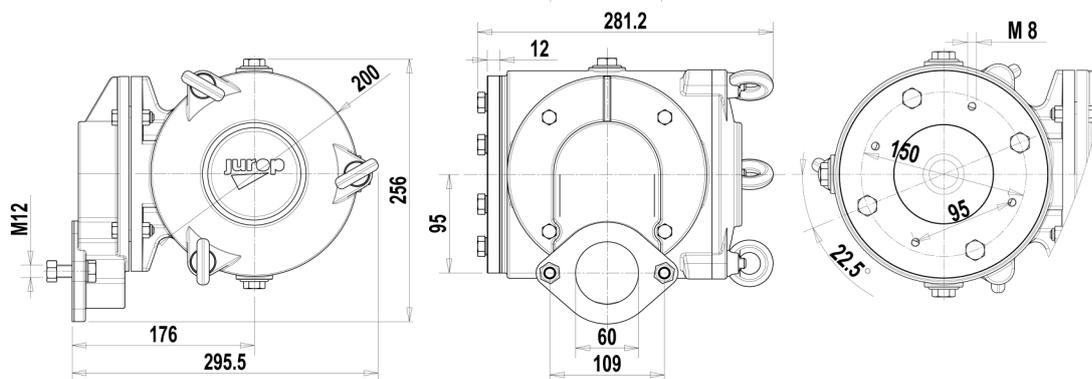
**Filter suction unit
LC420-RV520**
(code 18521 2L4 B0)



**Filter suction unit
LC300-RV360**
(code 18521 CNG B0)



**Filter suction unit
PN-R**
(code 18521 9N7 B0)

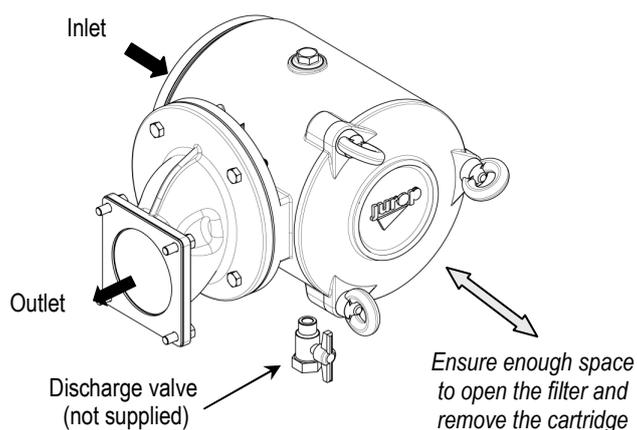


3. Installation

The suction unit must be installed in correspondence of the intake line in the proximity of the decompressor.

The filter cleaning (or replacement) frequency can vary according to its use; this is why we recommend **placing the suction unit in an easily accessible location**, to simplify maintenance. In correspondence of the filter, the lower drain ($\varnothing \frac{1}{2}$ ") must also be easily accessible to allow draining any liquid inside the filter (condensate). Should a drain valve be installed, it must ensure the tightness of the duct.

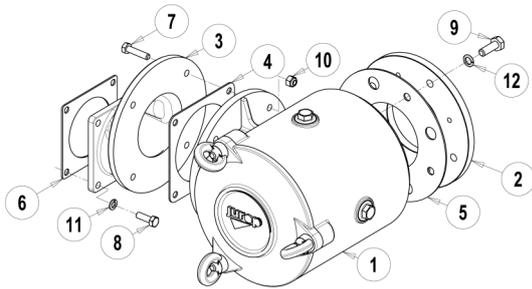
During the winter season, the liquid contained in the filter must be drained during downtime.



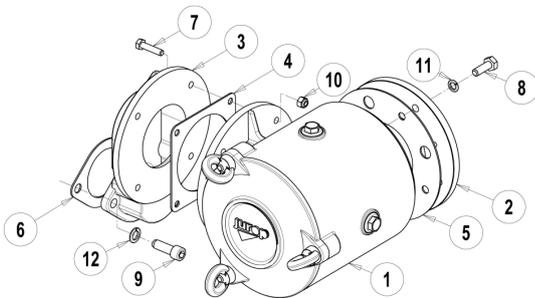
4. Maintenance

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

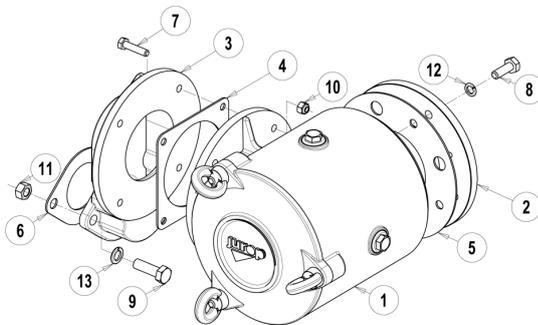
We recommend using non-flammable detergents with passivating and protective properties.

FILTER SUCTION UNIT
Filter suction unit LC420-RV520 - code 18521 2L4 B0


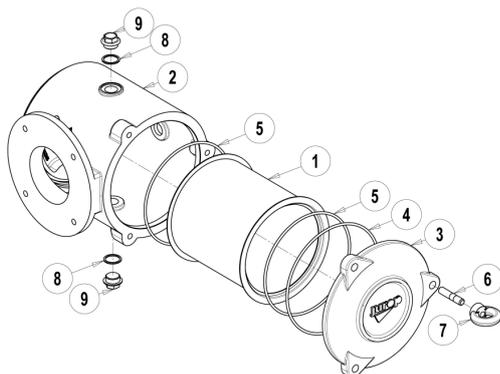
Pos.	Code	Description	Qty
1	1445002900	SMALL AIR AND WATER FILTER HOUSING	1
2	1610051600	SUCT. FILTER FLANGE LC-PN-R-RV	1
3	1627104400	MANIFOLD FOR FILTER LC420-RV520	1
4	1680609100	4-WAY TAP SEAL	1
5	1680609200	IN/OUTLET SEAL	1
6	1680709900	FILTER MANIFOLD SEAL	1
7	4026102801	GALV. HEX SCREW 8.8 M8X35	4
8	4026102807	GALV. HEX SCREW 8.8 M8X25	4
9	4026102908	GALV. HEX SCREW 8.8 M10X30	4
10	4026305504	SELF-LOCKING HEX NUT M8	4
11	4026350706	GALV. FLAT GROWER WASHER M8	4
12	4026350708	GALV. FLAT GROWER WASHER M10	4

Filter suction unit LC300-RV360 - code 18521 CNG B0


Pos.	Code	Description	Qty
1	1445002900	SMALL AIR AND WATER FILTER HOUSING	1
2	1610051600	SUCT. FILTER FLANGE LC-PN-R-RV	1
3	1627104500	FILTER MANIFOLD	1
4	1680609100	4-WAY TAP SEAL	1
5	1680609200	IN/OUTLET SEAL	1
6	1680614500	FILTER MANIFOLD SEAL	2
7	4026102801	GALV. HEX SCREW 8.8 M8X35	4
8	4026102908	GALV. HEX SCREW 8.8 M10X30	4
9	4026121710	GALV. TCEI SCREW 8.8 M12X35	2
10	4026305504	SELF-LOCKING HEX NUT M8	4
11	4026350708	GALV. FLAT GROWER WASHER M10	4
12	4026350709	GALV. FLAT GROWER WASHER M12	2

Filter suction unit PN-R - code 18521 9N7 B0


Pos.	Code	Description	Qty
1	1445002900	SMALL AIR AND WATER FILTER HOUSING	1
2	1610051600	SUCT. FILTER FLANGE LC-PN-R-RV	1
3	1627104500	FILTER MANIFOLD	1
4	1680609100	4-WAY TAP SEAL	1
5	1680609200	IN/OUTLET SEAL	1
6	1680614400	MANIFOLD SEAL	1
7	4026102801	GALV. HEX SCREW 8.8 M8X35	4
8	4026102908	GALV. HEX SCREW 8.8 M10X30	4
9	4026103004	GALV. HEX SCREW 8.8 M12X40	2
10	4026305504	SELF-LOCKING HEX NUT M8	4
11	4026308007	GALV. HEX NUT M12	2
12	4026350708	GALV. FLAT GROWER WASHER M10	2
13	4026350709	GALV. FLAT GROWER WASHER M12	4

Small air-water filter code 14450 029 00


Pos.	Code	Description	Qty
1	1545002900	SMALL FILTER CARTRIDGE	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