

## **SPECIFICATIONS**

### **HP FILTER**

**version 3/8**

*Manual : 1110 573.179.112*

*Date : 19/10/11 – Supersede : 21/09/10*

*Modif. : Update*

## **TRANSLATION OF THE ORIGINAL MANUAL**

**IMPORTANT : Before assembly and start-up, please read and clearly understand all the documents relating to this equipment (professional use only).**

*THE PICTURES AND DRAWINGS ARE NON CONTRACTUAL. WE RESERVE THE RIGHT TO MAKE CHANGES WITHOUT PRIOR NOTICE.*

### **KREMLIN REXSON**

150, avenue de Stalingrad  
93 245 - STAINS CEDEX – France

Téléphone : 33 (0)1 49 40 25 25      Fax : 33 (0)1 48 26 07 16

**[www.kremlin-rexson.com](http://www.kremlin-rexson.com)**



## INSTRUCTION MANUAL

# FLUID FILTER for AIRMIX® pumps and AIRLESS pumps, version 3/8

Dear Customer,

You are the owner of an accessory from our KREMLIN range and we would like to take this opportunity to thank you.

To make sure your investment will provide full satisfaction, special care has been taken by KREMLIN during all designing and manufacturing processes.

To obtain the best result, safe and efficient operation of your equipment, we advice you to read and make yourself familiar with this instruction and service manual. Indeed, the non-compliance with instructions and precautions stated in this manual could reduce the equipment working-life, result in operating trouble and create unsafe conditions.

## 1. GENERAL SAFETY INSTRUCTIONS

- ➔ The personnel involved in operating and servicing this equipment must be aware of all the safety requirements stated in this manual. The workshop supervisor must be certain that the personnel has perfectly understood the safety instructions and complies with them.
- ➔ Use the equipment only in a properly ventilated area to maximize health care. Any misuse of the spray equipment or accessories can damage them and result in body injury and fire hazard.
- ➔ This equipment is installed on installations operating under pressures particularly high. Some precautions must be taken in order to prevent accidents and unsafe working conditions.
- ➔ The maximum fluid pressure at the pump outlet must correspond to the pressure withstood by the filter assembly.
- ➔ All fittings must be tight and in good condition.
- ➔ **Before cleaning or removing components of the equipment, it is compulsory :**
  - to stop the pump by shutting off the compressed air supply,
  - to open drain valve,
  - to point the spray gun into an appropriate waste receptacle and press the trigger to depressurize the system.

## 2. DESCRIPTION

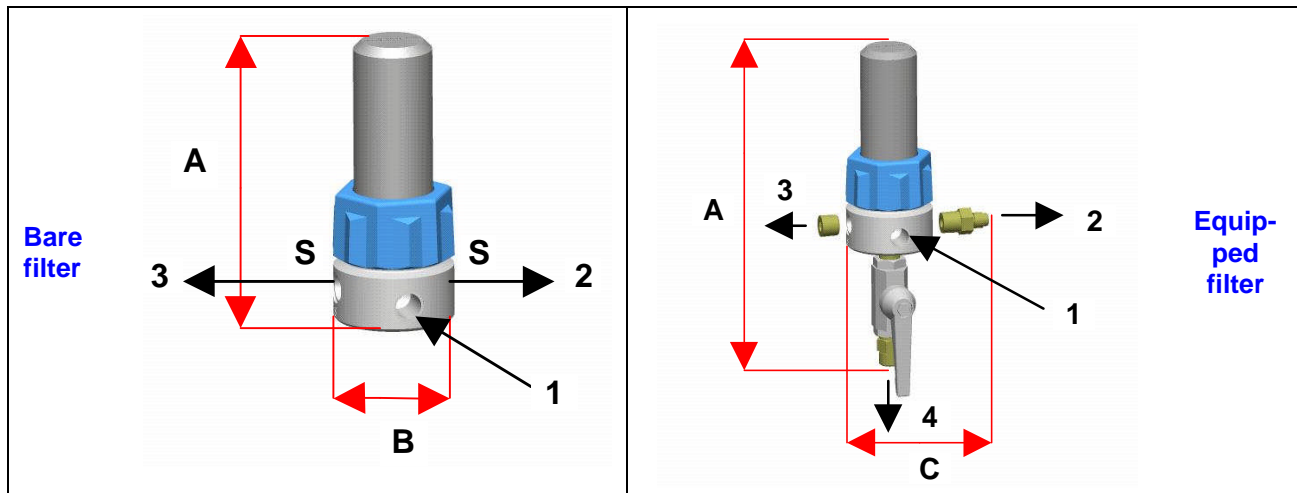
This stainless steel fluid filter, equipped with a base, model 3/8", is fitted at the outlet of the medium pressure fluid pumps (Maximum fluid pressure = 250 bar / 3626 psi).

When its bowl is pointing upwards, the filter is used as an accumulator and as a filter. It is designed for easy rinsing.

The filter is provided with 2 fluid outlets and with a drain outlet (equipped with a drain valve in the "Equipped Filter" version).

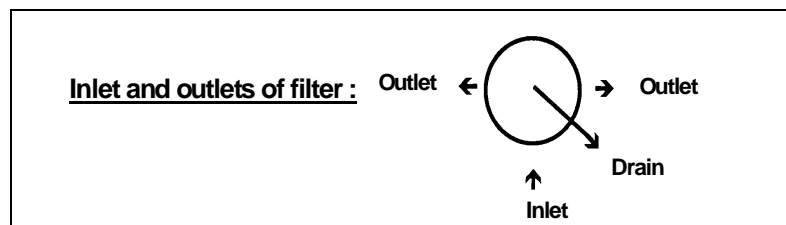
The "bare filter" version is provided without a filter element. A screen is mounted in the "Equipped filter" version : a screen n° 6 (size : 168 µ / 85 mesh) in the AIRMIX® pump version, a screen n° 12 (size : 280 µ / 55 mesh) in the AIRLESS pump version.

### 3. TECHNICAL FEATURES



Features	Bare filter	Equipped filter for AIRMIX® pumps	Equipped filter for AIRLESS pumps	Adaptations
Fluid inlet (1)	3/8 NPT female	3/8 NPT female		At the drain outlet, install the drain drain valve (equipped filter) or a plug on the bare filter.
Fluid outlet - S (2)	3/8 NPT female	# 5 JIC (1/2 JIC male) (fitting)		
Fluid outlet - S (3)	3/8 NPT female	Plug 3/8 NPT		
Drain outlet (4)	1/4 NPT female	18 x 125 male (valve + fitting)		
Weight	2,420 kg / 5.3 lb	-		
Height (A)	170 mm / 6.7"	270 mm / 10.6"		
Base diameter (B)	70 mm / 2.75"	-		
Width (C)	-	100 mm / 4"		
Max. fluid pressure	360 bar / 5221 psi	250 bar / 3625 psi		
Filter element (stainless steel)	Without screen	Screen n° 6	Screen n° 12	Other screen (refer to options)
Wetted parts	Stainless steel PTFE	Stainless steel		

**Fixing the filter :**  
2 holes Ø 8 on the base



### 4. DISASSEMBLY OF THE FILTER ELEMENT

You must clean **regularly** the filter element to prevent from the material clogging.

**After the installation shut off and the circuit decompression :**

Unscrew the nut (13) by means of the wrench supplied by KREMLIN.

Disassemble the bowl (12) from the base (11).

Remove the screen (7). Clean or replace it.

Change the seal (16) if it is necessary.

Clean the parts with white spirit and reinstall them in the reverse order.