

SPECIFICATIONS

HP FILTER

model 1"

with 2 screens

Manual : 1308 573.183.112

Date : 28/08/13 - 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).

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

Spare parts	# Doc.
HP filter, model 1" with 2 screens	573.336.050

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INSTRUCTION MANUAL

FLUID FILTER WITH 2 SCREENS model 1"

Dear Customer, you have just acquired an accessory from our KREMLIN range and we would like to take this opportunity to thank you.

To obtain the best result, safe and efficient operation of your equipment, we advise 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



WARNING : Any misuse of the equipment or accessories can damage them, result in serious body injury, fire or explosion hazard and reduce the equipment working life. Read, understand and comply with the safety instructions hereafter.

- 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.
- The filter must be connected to earth, by means of the pump or using the connection on the filter (M6 screwing).
- **Before cleaning or removing components of the equipment, it is compulsory :**
 - to stop the pump by shutting off the compressed air supply,
 - to open the drain valve,
 - to point the spray gun into an appropriate waste receptacle and press the trigger to depressurize the system.

2. DESCRIPTION

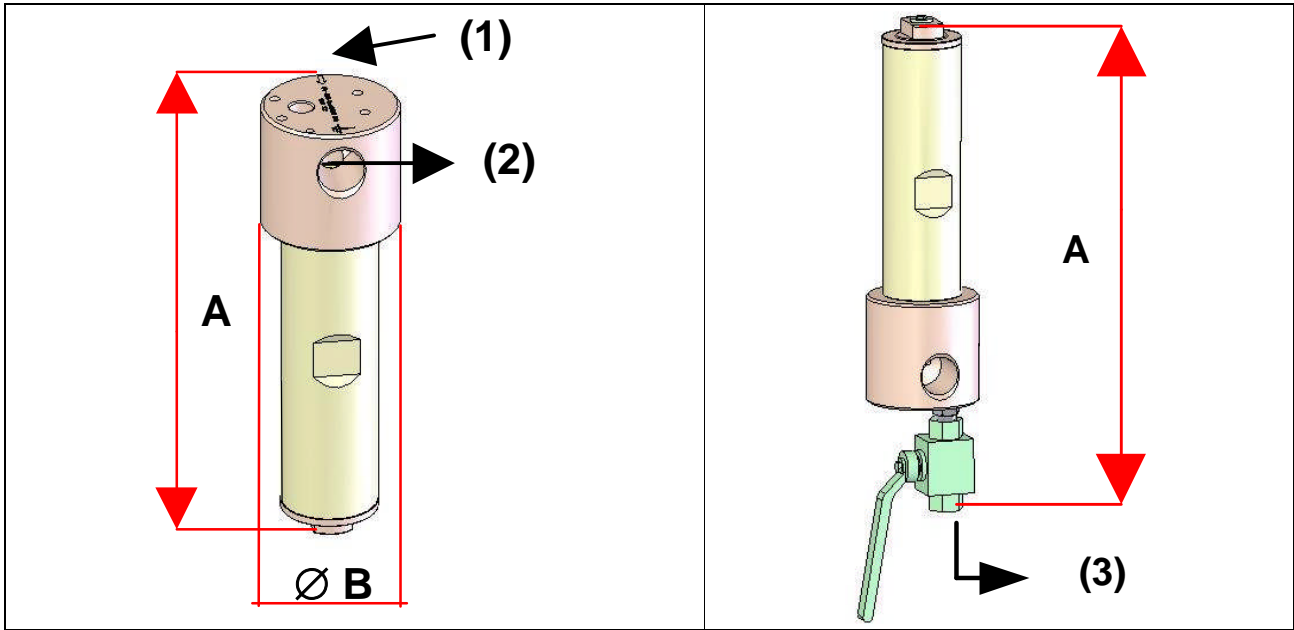
This stainless steel fluid filter, equipped with a base, model 1", is fitted at the outlet of the high pressure fluid pumps (Maximum fluid pressure = 480 bar / 961 psi) for the spraying of fluid or semifluid materials.

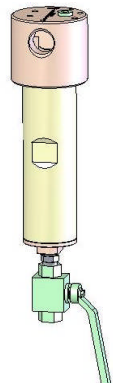
When its bowl is pointing upwards, the filter is used as an accumulator and as a filter.

It is designed for easy rinsing. The filter is provided with a drain valve in the "Equipped filter" version.

The "bare filter" version is provided without a filter element. Two screens are mounted in the " Equipped filter" : screen n° 15 (size : 360 µ / 45 mesh).

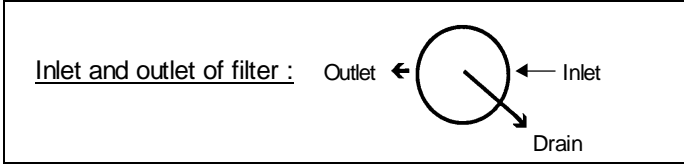
3. TECHNICAL FEATURES



Features	Bare filter	Equipped filter	Optional
Fluid inlet (1)	1" NPS Female	1" NPS Female	You can mount the filter downwards reversing the assembly of the valve and of the plug. 
Fluid outlet (2)	1" NPS Female	1" NPS Female	
Drain outlet (3)	3/8" NPS Female	3/8" BSP Female (valve)	
Weight	6,6 kg / 14.5 lbs	7,2 kg / 15.8 lbs	
Height (A)	300 mm / 11.8"	400 mm / 15.75"	
Base diameter (B)	90 mm / 3.5"	-	
Max. fluid pressure	480 bar / 6961 psi	480 bar / 6961 psi	
Filter element (stainless steel)	without screen	2 screens n° 15 (360 µ / 45 mesh)	
Wetted parts	Stainless steel, PTFE	Stainless steel	

Fixing the filter :

2x2 holes Ø 8 on the base (you can give the filter a 180° turn on the support)



4. DISASSEMBLY OF THE FILTER ELEMENT (REFER TO DOC. 573.336.050)

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

After the installation shut off and the circuit decompression :

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

Remove the screens (2). Clean or replace them.

Change the seals (17 & 18).

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

The screens come to clip on the base and on the guide bush. 3 washers maintain them.