

# WL-FILMAT-HOT RAH

Self-cleaning filter resistant up to 80 °C



## DESCRIPTION:

Filter **WL-FILMAT-HOT RAH** has been designed with innovative solutions to ensure the efficiency of the cartridges self-cleaning system thanks to the backwashing which guarantees the effective removal of particles from the cartridge. When cleaning of the cartridge is needed, backwashing can be carried out by simply opening the ball valve on the filter bottom. This will result in a pressure drop which will push the cartridge downwards towards the container bottom and reverse the water flow from inside to outside the cartridge. Thanks to this upstream flow the impurities trapped on the cartridge external surface are removed and conveyed to the drain.

WL-FILMAT-HOT RAH is provided with a drain funnel, a device protecting drinking water inside hydraulic systems against contamination aimed at preventing contamination by backflow, in compliance with European standard UNI EN 1717 of November 2002, which makes it suitable for use in heating systems in addition to domestic hot water systems. This device prevents backflow by venting all the elements downstream of the exhaust valve into the atmosphere.

## Condition of exercise:

Maximum pressure of exercise 8 bar (116 psi)  
 Maximum temperature of exercise 80 °C (176 °F)



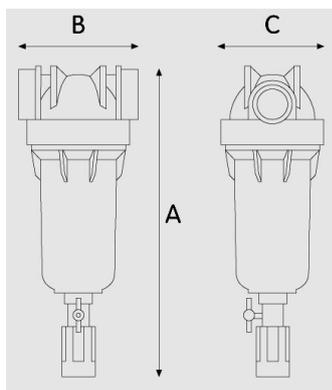
## EXHAUST FUNNEL

Reflux pollution prevention device  
 UNI EN 1717-11/2002

## TECHNICAL DATA:

Testa	reinforced nylon
Glass	reinforced nylon
O-ring	EPDM
Vent valve	stainless steel body, EPDM o-ring
Ball valve	brass CW 614 N nickel-plated externally
exhaust nipple	reinforced polypropylene
O-ring	EPDM
Exhaust funnel	reinforced polypropylene

Containers with plastic thread type BSP



Model	Nominal filtration (µm)	Attacks in/out	Flow l/h	Dimensions (mm)		
				A	B	C
WLFILHRAH901/2	90	1/2"	3500	390	120	107
WLFILHRAH903/4	90	3/4"	5000	390	120	107
WLFILHRAH9001	90	1"	6000	390	120	107





NPT-IN IN / OUT  
connections with NPT  
plastic female threads e  
"and 1"

**PACKAGE AND ARTICLE CODE:**

Self-cleaning steel net filter 90 µm, attacks 1/2", code WLFILHRAH901/2, 6 pieces in a box.

Self-cleaning steel net filter 90 µm, attacks 3/4", code WLFILHRAH903/4, 6 pieces in a box.

Self-cleaning steel net filter 90 µm, attacks 1", code WLFILHRAH9001, 6 pieces in a box.

Wire mesh cartridges 90 µm, code WLCARTHRAH0790, 5 pieces in a box.



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FACOT CHEMICALS Srl -Via Crema 44, 26010 Capralba CR, Italy -Tel. +39 0373450642 - [info@facot.it](mailto:info@facot.it) - [www.facotchemicals.com](http://www.facotchemicals.com)



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