

# WS automatic Activ Carbon filters



Clack valves WS100 – WS125 – WS150 et WS200  
Multilayers chronometrics simplex or duplex filters  
with a central valve 1", 1 ¼", 1 ½" and 2"

## INDUSTRIAL FILTRATION

### WS AUTOMATIC ACTIV CARBON FILTERS

- Activ carbon filters high flow with valves WS100, WS125, WS150 or WS200 up to 10.18m<sup>3</sup>/h.
- Electronic CI controller able to adjust all operating parameters.
- Simplex, alternating duplex or parallel duplex on chronometric mode.
- Option : Can work on differential pressure.
- « No Bypass » option on simplex.
- Filters specially designed for wide range applications : Industry, agriculture, building, communities.
- Working cycle : Filtration, Backwash, and rinse.



ASSEMBLED IN  
OUR WORKSHOPS



## FILTERS SHIPPED WITH

- Chronometric electronic valve WS, fittings, internal pipe with strainer.
- Glass fiber Tank.
- 1 filtration volume (gravel / sand / anthracite).
- For alternating duplex* : 3 way alternating valve.
- For parallel duplex* : 2 way isolation valve.
- Pressure differential transmitter in option.
- Micro switch in option.

## APPLICATIONS

- Dechlorination.
- Discoloration.
- Pesticide treatment.
- Filtration for reverse osmosis pre-treatment.
- Reduction of organic matter.

### Performances :

Dechlorination of 50% by 5 cm layer height at a filtration rate of 20 m/h/m<sup>2</sup>.

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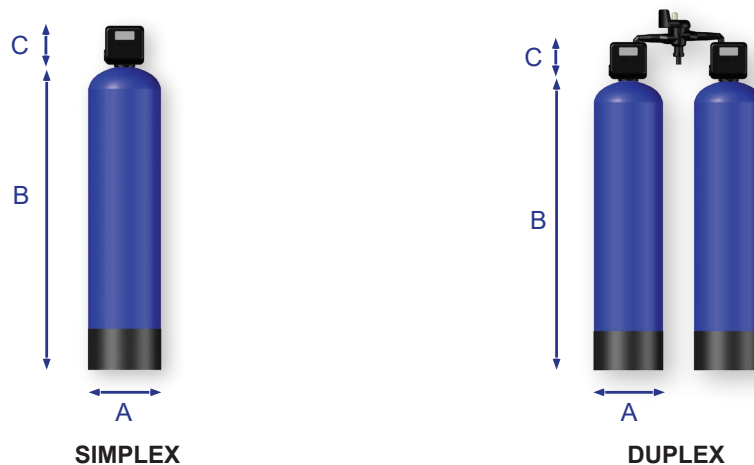
## TECHNICAL CHARACTERISTICS

Filters References		Valve	Tank	Surface	Max flow	Min flow in backwash
Simplex	Duplex : Parallel - XX= DP	In/Out	Type	m <sup>2</sup>	m <sup>3</sup> /h @20m <sup>3</sup> /h/m <sup>2</sup>	m <sup>3</sup> /h @20m <sup>3</sup> /h/m <sup>2</sup>
	Duplex : alternating - XX= DA					
WS100-FCA-S-1054	WS100-FCA-XX-1054	1"	10 x 54	0.05	1.10	1.10
WS100-FCA-S-1354	WS100-FCA-XX-1354	1"	13 x 54	0.09	1.80	1.80
WS100-FCA-S-1465	WS100-FCA-XX-1465	1"	14 x 65	0.11	2.10	2.10
WS100-FCA-S-1665	WS100-FCA-XX-1665	1"	16 x 65	0.13	2.70	2.70
WS100-FCA-S-1865	WS100-FCA-XX-1865	1"	18 x 65	0.19	3.80	3.80
WS125-FCA-S-2162	WS125-FCA-XX-2162	1 ¼"	21 x 62	0.25	4.90	4.90
WS150-FCA-S-2472	WS150-FCA-XX-2472	1 ½"	24 x 72	0.30	6.00	6.00
WS150-FCA-S-3072	WS150-FCA-XX-3072	1 ½"	30 x 72	0.48	9.60	9.60
WS200-FCA-S-3672	WS200-FCA-XX-3672	1 ½"	36 x 72	0.68	13.6	13.6
WS200-FCA-S-4272	WS200-FCA-XX-4272	2"	42 x 72	0.97	19.3	19.3

Operating pressure : 2,0 to 8,5 bar

Connection diameter : depending valves, 1", 1.25", 1.5" or 2"

Operating temperature : 4 to 43°C



**SIMPLEX**

**DUPLEX**

Filters References		Dimensions		
Simplex	Duplex : Parallel - XX= DP	A (mm)	B (mm)	C (mm)
	Duplex : alternating - XX= DA			
WS100-FCA-S-1054	WS100-FCA-XX-1054	259	1381	190
WS100-FCA-S-1354	WS100-FCA-XX-1354	335	1398	190
WS100-FCA-S-1465	WS100-FCA-XX-1465	369	1674	190
WS100-FCA-S-1665	WS100-FCA-XX-1665	413	1705	190
WS100-FCA-S-1865	WS100-FCA-XX-1865	495	1722	190
WS125-FCA-S-2162	WS125-FCA-XX-2162	559	1721	190
WS150-FCA-S-2472	WS150-FCA-XX-2472	618	1918	235
WS150-FCA-S-3072	WS150-FCA-XX-3072	780	2140	235
WS200-FCA-S-3672	WS200-FCA-XX-3672	930	2150	235
WS200-FCA-S-4272	WS200-FCA-XX-4272	1110	2400	235



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