

Distributed by

# aquaclaro

Making water clear



Steenweg op Blaasveld 72 - B-2801 Heffen (Mechelen)  
www.aquaclaro.be info@aquaclaro.be T+32(0)3 860 77 77

TYPE  
**BLUE**

<b>Small</b>	diam. 87,4 mm; length 269 mm
<b>Medium</b>	diam. 87,4 mm; length 384 mm
<b>Large</b>	diam. 87,4 mm; length 529 mm



#### MATERIALS

Cartridge: polypropylene; Filtration: activated carbon technology: extruded "CARBON BLOCK".

#### GENERAL CHARACTERISTICS

Quick-connect disposable cartridge with "CARBON BLOCK" technology filtration; filtration of 5 microns. Activated carbon filter for dechlorination and clarification of drinking water, according to EU Directive 98/83/EC. The filtration reduces chlorine content, organic compounds, odours/off-tastes from water. If used in equipment for drinking water treatment, the equipment must comply with the standards of law for this category of treatment systems.

#### USE

Filtration for household systems for treatment of drinking water notwithstanding the current regulations regarding Arsenic parameter.

#### TECHNICAL SPECIFICATIONS

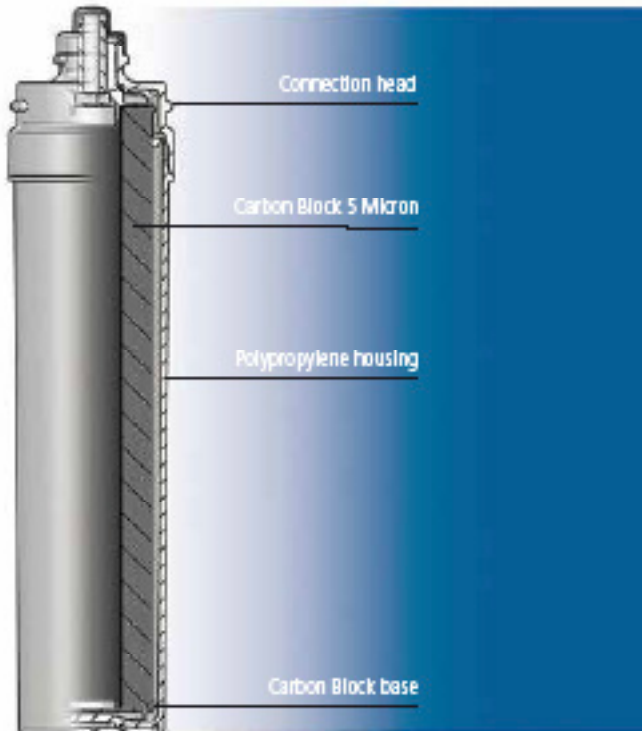
<b>Functional Flow Rate</b>	<b>Small</b> 3 l/m*
	<b>Medium</b> 5 l/m*
	<b>Large</b> 7 l/m*

**Min - Max working pressure:**  
**Min - Max Temperature:**



<b>Capacity</b>	<b>Small</b> 15.000 l*
	<b>Medium</b> 24.000 l*
	<b>Large</b> 45.000 l*

\* Depending on the quality of the incoming water, performances can vary



**INSTALLATION AND USE**

Upright or horizontal as preferred.

**REPLACEMENT**

We recommend the replacement of the cartridge at the end of its capacity, or in the case of the flowrate is too slow. It's better that you replace the cartridge within 365 days of its installation. Before removing the cartridge, close the upstream water inlet and eliminate the pressure in the circuit by opening the downstream tap.

**INACTIVITY**

SHORT periods of inactivity: flushing of the cartridge is necessary; in case of prolonged disuse, it is possible to disinfect the system.

**HEAD**

Standard

**DISPOSE OF THE SPENT CARTRIDGE**

Exhausted cartridges qualify as municipal solid waste and must be disposed of as prescribed by the relevant local authorities and in compliance with current legislation.

**PACKAGING**

**Cardboard box 6 pieces**

<b>Small</b>	L x W x H: 28 x 20 x 28 cm
<b>Medium</b>	L x W x H: 28 x 20 x 39,5 cm
<b>Large</b>	L x W x H: 28 x 20 x 54 cm



<b>Small</b>	diam. 87,4 mm; length 269 mm
<b>Medium</b>	diam. 87,4 mm; length 384 mm
<b>Large</b>	diam. 87,4 mm; length 529 mm

**MATERIALS**

Cartridge: polypropylene; Filtration: technology with extruded "CARBON BLOCK" activated carbon with silver ions

**GENERAL CHARACTERISTICS**

Quick-connect disposable cartridge, with filtration by "CARBON BLOCK" with silver ions technology; 0,5 micros filtration. Activated carbon filter for dechlorination and clarifying of drinking water; The filtration reduces chlorine content, organic compounds, odors / off-tastes from water. Thanks to the presence silver ions, the antibacterial action downstream of the treatment system is guaranteed. SILVER has been certified by TIFQ LAB, and complies with the high quality standards required by Italian law with regarding to the treatment systems of drinking water. Lab tests were conducted by simulating domestic use, also referring to long periods of inactivity of the system. For this information, you can consult the report of the reference laboratory, which presents the quality date that make SILVER cartridge become certified.

**USE**

Filtration for household systems for treatment of drinking water.

**INSTALLATION AND USE**

Upright or horizontal, as preferred with the help of support clip. Before removing the cartridge, close the inlet water valve and remove the pressure in the circuit by opening the downstream tap. Turn the empty cartridge by 90° clockwise, then remove the cartridge from the head. Insert the new cartridge, after removing the protective cap, and turn it 90° anticlockwise. Open the inlet valve and supply water for at least 5 minutes to activate the new cartridge. After brief periods of inactivity, supply water before drinking it. In the case of prolonged disuse, disinfect the system.

**REPLACEMENT**

We recommend the replacement of the cartridge at the end of its capacity, or in the case the flowrate is too slow. It's better that you replace the cartridge within 365 days of its installation. Before removing the cartridge, close the upstream water inlet and eliminate the pressure in the circuit by opening the downstream tap. To activate the cartridge correctly, open the inlet valve and supply water for at least five minutes before drinking it.

**INACTIVITY** SHORT periods of inactivity: flushing of the cartridge is necessary; in case of prolonged disuse, it is possible to disinfect the system.

**HEAD** Standard.

**DISPOSE OF THE SPEND CARTRIDGE** Exhausted cartridges qualify as municipal solid waste and must be disposed of as prescribed by the relevant local authorities and in compliance with current legislation.

**PACKAGING** **Cardboard box 6 pieces**  
**Small** L x W x H: 28 x 20 x 28 cm  
**Medium** L x W x H: 28 x 20 x 39,5 cm  
**Large** L x W x H: 28 x 20 x 54 cm

### TECHNICAL SPECIFICATIONS

**Functional flow rate:** **Small** 3 l/m\*  
**Medium** 5 l/m\*  
**Large** 7 l/m\*

**Min - Max working pressure:** 2 bar – 6 bar (0,2 – 0,6 Mpa)  
**Mix - Max Temperature:** 4°C – 30°C (40°F – 86°F)

**Capacity:** **Small** 10.000 l\*  
**Medium** 15.500 l\*  
**Large** 22.000 l\*

\* Performances can vary depending on the quality of the incoming water. Internal tests have shown that SILVER Large cartridge has a capacity equal to 45000 l.

### CHECK OF PARAMETER CHANGE FOR SILVER SMALL AND SILVER MEDIUM

The values represented refer to a trial of 10000 liters (with cartridge SMALL) and 15000 (with cartridge MEDIUM) with domestic drinking water.

PARAMETER	EU DIRECTIVE 98/93	TESTING WATER QUALITY	TREATED WATER QUALITY	NOTE
<b>Alluminium</b>	≤* 0,20 mg/l	≥ 0,006 e ≤ 0,012 mg/l	*S ≥ 0,0004 e ≤ 0,002 mg/l *M ≥ 0,001 e ≤ 0,004 mg/l	
<b>Ammonium (NH<sub>4</sub>)</b>	≤ 0,50 mg/l	0,00 mg/l	0,00 mg/l	
<b>pH</b>	≥ 6,5 e ≤ 9,5	≥ 8,2 e ≤ 8,3	*S ≥ 8,1 e ≤ 8,4 *M ≥ 8,9 e ≤ 8,2	
<b>Iron</b>	≤ 0,20 mg/l	≥ 0,15 e ≤ 0,17 mg/l	*S ≥ 0,0004 e ≤ 0,005 mg/l *M ≥ 0,00018 e ≤ 0,0039 mg/l	
<b>Pseudomonas Aeruginosa</b>	0 UFC/250 ml	0 UFC/250 ml	0 UFC/250 ml	Check after 60 days of no use
<b>Solphate</b>	≤ 250 mg/l	≥ 29,1 e ≤ 30,6 mg/l	*S ≥ 23,9 e ≤ 28,1 mg/l *M ≥ 17,3 e ≤ 21,1 mg/l	
<b>Bacteria growth a 22°C e a 37°C</b>	No abnormal change	No abnormal change	No abnormal change	Check after 60 days of no use
<b>Coliform bacteria a 37°C</b>	0 UFC/250 ml	0 UFC/250 ml	0 UFC/250 ml	Check after 60 days of no use
<b>Active Chlorine</b>	*S ≥ 0,23 mg/l *M ≥ 2 mg/l (indic. NSF 42)	*S ≥ 0,09 e ≤ 0,12 mg/l *M ≥ 0,09 e ≤ 0,28 mg/l	*S ≥ 0,02 e ≤ 0,04 mg/l *M ≥ 0,20 mg/l	85% Reduction



<b>Small</b>	diam. 87,4 mm; length 269 mm
<b>Medium</b>	diam. 87,4 mm; length 384 mm
<b>Large</b>	diam. 87,4 mm; length 529 mm

**MATERIALS**

Cartridge: polypropylene; Filtration: technology with extruded "CARBON BLOCK" activated carbon with silver ions and hollow fiber ultrafiltration 0.1 micron final phase.

**GENERAL CHARACTERISTICS**

Quick-connect disposable cartridge, with filtration by "CARBON BLOCK" with silver ions technology and with hollow fiber 0.1 micron ultrafiltration final phase. Activated carbon filter for dechlorination and clarifying drinking water. The filtration reduces chlorine content, organic compounds, odors / off-tastes from the water. Thanks to the presence of silver ions, the antibacterial action downstream of the treatment system is guaranteed. Moreover, the ultrafiltration blocks the passage of most of 99,9999% of bacteria and viruses. GOLD has been certified by TIFQ LAB, and complies with the high quality standards required by Italian law with regarding to the treatment plants of drinking water. Lab tests were conducted by simulating domestic use, also referring to long periods of inactivity of the system. For this information, you can consult the report of the reference laboratory, which presents the data quality that make the GOLD cartridge become certified.

**USE**

Filtration for household systems for treatment of drinking water.

**INSTALLATION AND USE**

Upright or horizontal, as preferred with the help of support clip. Before removing the cartridge, close the inlet water valve and remove the pressure in the circuit by opening the downstream tap. Turn the empty cartridge by 90° clockwise, then remove the cartridge from the head. Insert the new cartridge, after removing the protective cap, and turn it 90° anticlockwise. Open the inlet valve and supply water for at least 5 minutes to activate the new cartridge. After brief periods of inactivity, supply water before drinking it. In the event of prolonged disuse, disinfect the system.

**REPLACEMENT**

We recommend the replacement of the cartridge at the end of its capacity, or in the case the flowrate is too slow. It's better that you replace the cartridge within 365 days of its installation. Before removing the cartridge, close the upstream water inlet and eliminate the pressure in the circuit by opening the downstream tap. To activate the cartridge correctly, open the inlet valve and supply water for at least five minutes before drinking it.

**INACTIVITY** SHORT periods of inactivity: flushing of the cartridge is necessary; in case of prolonged disuse, it is possible to disinfect the system.

**HEAD** Standard.

**DISPOSE OF THE SPEND CARTRIDGE** Exhausted cartridges qualify as municipal solid waste and must be disposed of as prescribed by the relevant local authorities and in compliance with current legislation.

**PACKAGING** **Cardboard box 6 pieces**  
**Small** L x W x H: 28 x 20 x 28 cm

**TECHNICAL SPECIFICATIONS**

**Functional flow rate:** **Small** 3 l/m\*

**Filtration efficiency:** 96%

**Min - Max working pressure:** 2 bar – 6 bar (0,2 – 0,6 Mpa)

**Mix - Max Temperature:** 4°C – 30°C (40°F – 86°F)

**Capacity:** **Small** 10.000 l\*

\* Performances can vary depending on the quality of the incoming water.

**CHECK OF PARAMETER CHANGE**

The values represented refer to a trial with domestic drinking water.

PARAMETER	EU DIRECTIVE 98/93	TESTING WATER QUALITY	TREATED WATER QUALITY	NOTE
<b>Alluminium</b>	≤* 0,20 mg/l	≥ 0,0013 e ≤ 0,013 mg/l	≥ 0,0013 e ≤ 0,047 mg/l	
<b>Ammonium (NH<sub>4</sub>)</b>	≤ 0,50 mg/l	0,00 mg/l	0,00 mg/l	
<b>pH</b>	≥ 6,5 e ≤ 9,5	≥ 8,10 e ≤ 8,25	≥ 8,16 e ≤ 8,57	
<b>Iron</b>	≤ 0,20 mg/l	≥ 0,15 e ≤ 0,166 mg/l	≥ 0,106 e ≤ 0,16 mg/l	
<b>Pseudomonas Aeruginosa</b>	0 UFC/250 ml	0 UFC/250 ml	0 UFC/250 ml	Check after 60 days of no use
<b>Solphate</b>	≤ 250 mg/l	≥ 29,72 e ≤ 32,01 mg/l	≥ 23,09 e ≤ 36,11 mg/l	
<b>Bacteria growth a 22°C e a 37°C</b>	No abnormal change	No abnormal change	No abnormal change	Check after 60 days of no use
<b>Coliform bacteria a 37°C</b>	0 UFC/250 ml	0 UFC/250 ml	0 UFC/250 ml	Check after 60 days of no use
<b>Active Chlorine</b>	0,20 mg/l	2,0 mg/l	≥ 0,12 e ≤ 0,21 mg/l	
<b>Nitrate</b>	50 mg/l	≥ 0,51 e ≤ 0,57 mg/l	0,00 mg/l	
<b>Hardness</b>	15 - 50 °F	≥ 13,9 e ≤ 19,0 °F	≥ 11,5 e ≤ 16,3 °F	