



<b>MODELS</b>	<b>Y21443B Small</b>	diam. 87,4 mm; length 384 mm
	<b>Y21439B Medium</b>	diam. 87,4 mm; length 384 mm
	<b>Y21438B Large</b>	diam. 87,4 mm; length 529 mm

## MATERIALS

Cartridge: polypropylene; Filtration: by two steps: A) strong anion adsorption macroporous nitrate-selective resin mixed with granular active carbon; B): "CARBON BLOCK" technology mixed with silver ions.

## GENERAL CHARACTERISTICS

Quick-connect disposable cartridge for the treatment of drinking water which present a high concentration of nitrates. Last phase of filtration is obtained by carbon block technology mixed with silver ions, filtration of 0.5 microns. This cartridge is to be used when drinking water has a nitrate concentration between 50 and 100 mg / l.

## PARAMETER

	BEFORE	AFTER
<b>pH</b>	8,10	8,10
<b>Solphates mg/l</b>	3,1	29,0
<b>Nitrates mg/l</b>	38	4,8
<b>Iron mg/l</b>	3,2	3,0

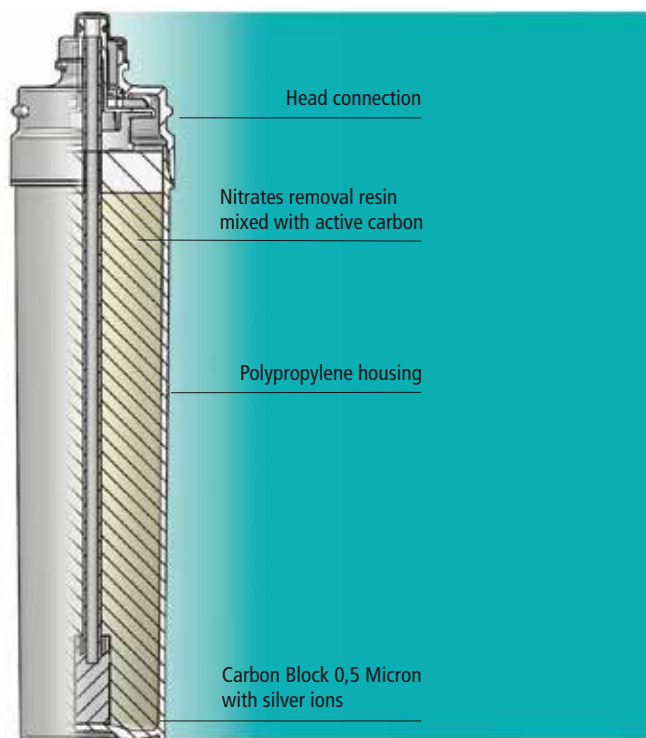
## USE

Treatment of drinking water.

## TECHNICAL SPECIFICATIONS

<b>Functional flow rate:</b>	<b>Small</b> 1 l/m* <b>Medium</b> 1,5 l/m* <b>Large</b> 2,2 l/m*
<b>Min - Max working pressure:</b>	2 bar - 6 bar (0,6 - 0,2 Mpa)
<b>Min - Max Temperature:</b>	4 °C - 30°C (40° F - 86° F)
<b>Capacity:</b>	<b>Small</b> 900 l* <b>Medium</b> 1.400 l* <b>Large</b> 2.100 l*

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



## INSTALLATION

Upright

## REPLACEMENT

We recommend the replacement of the cartridge at the end of its capacity, or in the case the flow rate 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

"R" head with flow regulator. This type of head is necessary because the chemical reactions of ionic exchange that must take place inside the filter cartridge need an appropriate time to act. The head must be dimensioned according to the size of the cartridge.

## 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**

**Small** L x W x H: 28x20x28 cm  
**Medium** L x W x H: 28x20x39,5 cm  
**Large** L x W x H: 28x20x54 cm