



MODELS Y21430B Small	diam. 87,4 mm; length 384 mm
Y21429B Medium	diam. 87,4 mm; length 384 mm
Y21428B Large	diam. 87,4 mm; length 529 mm

MATERIALS

Cartridge: polypropylene; Filtration: by two steps: A) macroporous resin loaded with iron hydroxide for adsorption of arsenic (see Lewatit FO36 technical sheet) mixed with granular activated carbon (GAC); B): "CARBON BLOCK" technology mixed with silver ions. The resin meets the NFS 61 and WRAS standards. Composite structure filter for treatment of drinking water notwithstanding the current regulations regarding Arsenic parameter (as ASV as As III).

GENERAL CHARACTERISTICS

Quick-connect disposable cartridge for the treatment of drinking water that exceeded in the limit of arsenic. (> 10 g / l; <50 g / l). Last phase of filtration obtained with carbon block technology mixed with silver ions, with a filtration of 0.5 microns. If the cartridge is used in equipment related to the food sector, the system must meet the requirements laid down by European Community Directive 178/2002.

PARAMETER

	BEFORE	AFTER
pH	7,42	7,35
Arsenic mg/l	3,1	Not observed
Iron mg/l	3,3	3,0

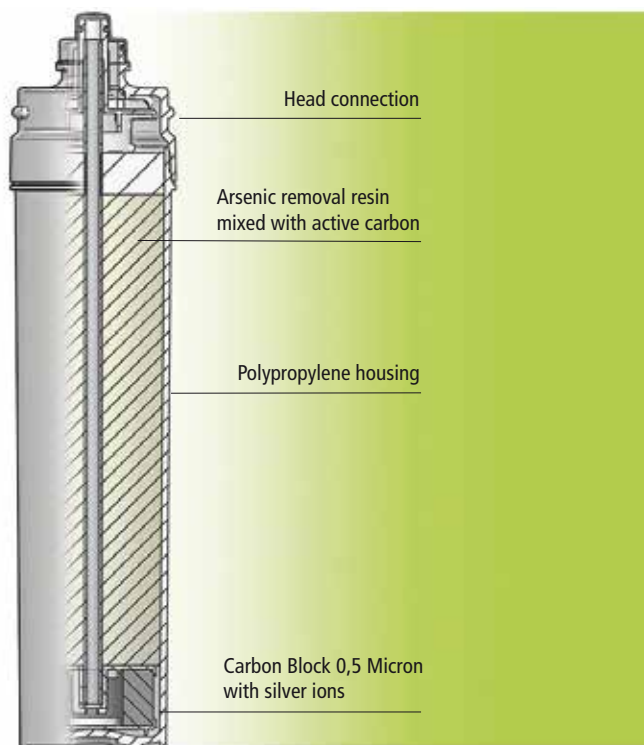
USE

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

TECHNICAL SPECIFICATIONS

Functional flow rate:	Small 1 l/m* Medium 1,5 l/m* Large 2 l/m*
Min – Max working pressure:	2 bar - 6 bar (0,2 - 0,6 Mpa)
Min - Max Temperature:	4 °C - 30°C (40° F - 86° F)
Capacity:	Small 9.000 l* Medium 13.500 l* Large 20.000 l*

**Performances can vary depending on the quality of the incoming water. About reduction of the concentration of Arsenic, this is reduced between 80% and 90% of the initial content.*



INSTALLATION AND USE

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