



**MODELS Y21418B Small** diam. 87,4 mm; length 384 mm  
**Y21417B Medium** diam. 87,4 mm; length 384 mm  
**Y21416B Large** diam. 87,4 mm; length 529 mm

### 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 with 200 mg/l Ca CO<sub>3</sub> water:

**Small** 100 l\*  
**Medium** 150 l\*  
**Large** 230 l\*

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

### MATERIALS

Cartridge: polypropylene; Filtration: demineralising gel bed resin, mixed-bed for cationic and anionic exchange.

### GENERAL CHARACTERISTICS

Quick-connected disposable cartridge for the total demineralization of water, with anionic and cationic exchange resin. Filter for removing the total salinity. It is strictly forbidden to drink the water treated with Profine® Yellow cartridge.

### USE

Professional and industrial water treatment systems, technological use such as dental devices.

### 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.

### INACTIVITY

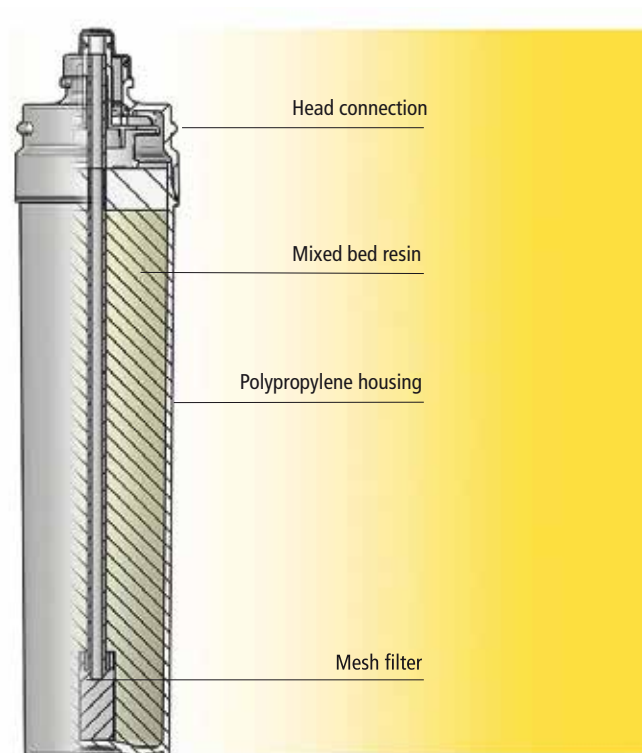
SHORT periods of inactivity: flushing of the cartridge is necessary; in case of prolonged disuse, it is possible to disinfect the system.

### INSTALLATION

Upright

### 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

| YELLOW                              | SMALL | MEDIUM | LARGE |
|-------------------------------------|-------|--------|-------|
| Flow rate (l/min)                   | 1     | 1,5    | 2     |
| Total exchange cap. (eq)            | 0,4   | 0,6    | 0,9   |
| Cap. 100 mg/l CaCO <sub>3</sub> (l) | 205   | 307    | 460   |
| Cap. 150 mg/l CaCO <sub>3</sub> (l) | 136   | 205    | 307   |
| Cap. 200 mg/l CaCO <sub>3</sub> (l) | 102   | 153    | 230   |
| Cap. 250 mg/l CaCO <sub>3</sub> (l) | 82    | 123    | 184   |
| Cap. 300 mg/l CaCO <sub>3</sub> (l) | 68    | 102    | 153   |
| Cap. 350 mg/l CaCO <sub>3</sub> (l) | 58    | 88     | 132   |