

## B 29



**B29** is a low-cost, practical and disposable ionic system. The blend of resin contained in it allows to remove lime, heavy metals and impurities from the water, because they are an obstacle to the complete healthiness of the beverages in vending and HO.RE.CA. sector.

**B29** has been designed and built to be connected to a water supply network under pressure. All water softener's parts are made of plastic, as the internal and external joints (optionals). Available fixing wall bracket upon request.

It's composed by a single column in fiberglass containing a particular resin, ideal to soften the total hardness. It works through the ionic exchange which consists in the substitution of calcium and magnesium ions that are normally in drinking water in their soluble and insoluble form, with sodium ions.

In particular, to an increase in the total hardness will correspond a superior quantity of sodium ions in the water.

### Technical Specifications and Reference Parameters

#### IN/OUT CONNECTIONS

Ø 10mm hose (links upon request)

#### OPERATING MODE

VERTICAL

#### SOFTENING

TOTAL HARDNESS

#### OPERATING PRESSURE

MIN 2 BAR – MAX 8 BAR

#### DURATION

24 MONTHS FROM THE INSTALLATION DATE

#### MADE IN

ITALY

#### WASTE DISPOSAL

NON HAZARDOUS SPECIAL WASTE\*

#### WASTE CODE

C.E.R. 19.09.05

#### COMPLIANCE

EC 1935/2004 - EC 10/2011 - 98/83 EC

PARAMETER	MEASURE MENT UNIT	WATER FROM THE NETWORK	VALUE B29
<b>pH</b>	-	<b>7,88</b>	<b>7,90</b>
<b>Conductivity</b>	<b>µS/cm</b>	<b>425</b>	<b>431</b>
<b>Total Hardness</b>	<b>°F</b>	<b>28</b>	<b>0</b>
<b>Oxidizability</b>	<b>mg O2/l</b>	<b>0,6</b>	<b>1,3</b>
<b>Chlorides</b>	<b>mg/I</b>	<b>17,9</b>	<b>17,8</b>
<b>Nitres</b>	<b>mg/I</b>	<b>8,7</b>	<b>5,9</b>
<b>Calcium</b>	<b>mg/I</b>	<b>64,0</b>	<b>N.R.</b>
<b>Magnesium</b>	<b>mg/I</b>	<b>14,2</b>	<b>0,014</b>
<b>Sodium</b>	<b>mg/I</b>	<b>11,5</b>	<b>94,3</b>
<b>Arsenic</b>	<b>mg/I</b>	<b>0,0007</b>	<b>0,0005</b>
<b>Total Chrome</b>	<b>mg/I</b>	<b>0,0028</b>	<b>0,0014</b>
<b>Lead</b>	<b>mg/I</b>	<b>0,0037</b>	<b>0,0017</b>
<b>Copper</b>	<b>mg/I</b>	<b>0,095</b>	<b>0,00129</b>
<b>Zinc</b>	<b>mg/I</b>	<b>0,333</b>	<b>N. R.</b>
<b>Total Trihalomethanes</b>	<b>mg/I</b>	<b>N. R.</b>	<b>N. R.</b>
<b>1,2 - Dichloroethane</b>	<b>mg/I</b>	<b>N. R.</b>	<b>N. R.</b>

### Hardness Table

**Diameter** 150 mm  
**Height** 439 mm  
**Weight** 3 Kg

MERCK VALUES	SODIUM MG.	FRENCH DEGREES	GERMAN DEGREES	LITRES	SUPPLIES
27	27	9° Fr	5 KH	8.400	84.000
54	54	18° Fr	10 KH	4.200	42.000
81	81	27° Fr	15 KH	2.800	28.000
108	108	36° Fr	20 KH	2.100	21.000
135	135	45° Fr	25 KH	1.680	16.800

**\*DISPOSAL:** Every BILT cartridge specifies on its label the waste European Code, which indicates the typology of the waste – in this particular case a Non Hazardous Special Waste – and which typology of waste disposal professional plant have to process it (obviously the only ones who have a specific authorization in processing that particular code). In no case the product can be disposed of in the ordinary way.

**Code: B 29**