



B 5232



B 5232 is a low-cost, practical and disposable ionic system.

The innovative blend of resin we use, allow to subtract limestone from water, heavy metals or impurities that can prevent the full healthiness of drinks in vending sector.

B 5232 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 (optional). Available fixing wall bracket upon request.

It's composed by a single column 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 water.

Reference Parameters and Technical Specifications

IN/OUT CONNECTIONS

Ø 10 mm (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	MEASUREMENT UNIT	WATER FROM THE NETWORK	VALUE B5232
pH	-	7,88	7,87
Conductivity	µS/cm	425	444
Total Hardness	°F	28	3
Oxidizability	mg O2/l	0,6	1,2
Chlorides	mg/l	17,9	17,9
Nitres	mg/l	8,7	5,7
Calcium	mg/l	64,0	0,01
Magnesium	mg/l	14,2	0,02
Sodium	mg/l	11,5	109
Arsenic	mg/l	0,0007	0,0001
Total Chrome	mg/l	0,0028	0,0018
Lead	mg/l	0,0037	0,0003
Copper	mg/l	0,095	0,0018
Zinc	mg/l	0,333	N.R.
Total Trihalomethanes	mg/l	N. R.	N. R.
1,2 - Dichloroethane	mg/l	N. R.	N. R.

Hardness Table

Diameter 150 mm
Height 359 mm
Weight 2 kg

MERCK VALUES	SODIUM MG	FRENCH DEGREES	GERMAN DEGREES	LITRES	SUPPLIES
45	45	9° Fr	5 KH	3.000	30.000
90	90	18° Fr	10 KH	1.500	15.000
135	135	27° Fr	15 KH	1.000	28.000
180	180	36° Fr	20 KH	750	7.500
225	225	45° Fr	25 KH	600	6.000

***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: B5232