



O.SCA.R. 90 Series

Technical File

Oscar 90 is an innovative descaling device for domestic and office hot beverage dispensers. The mechanism applies the osmotic process of the saline solutions to remove calcium and magnesium ions from water but also some heavy metals ions as: $Cr^{3+}+Al^{3+}+Cu^{2+}+Pb^{2+}+Fe^{2+}+Zn^{2+}+Ni^{2+}+Cd^{2+}$ causing scales inside boilers and heating elements. The particular composition of **O.SCA.R. 90** maintains the water drinkable for several days. The silvered resin guarantees the total bacteria static of water where has been plunged in. It's so respectful of the strict American standards in matter, to obtain the FDA2 certification. This means that you can leave water into the coffee machine's water bowl with no risks for a bacteria proliferation.

Technical Specifications and Hardness Table

DIMENSIONS	120 mm X 100 mm
FILTRATION'S DEGREE	150 micron
EXIT pH	Neutral
BACTERIOSTATIC	Silvered Resin
SOFTENING	Total Hardness
MADE IN	Italy
CER	19.09.05
REACH	Compliant
DISPOSAL TYPE	NON hazardous special waste*

French Degrees	German Degrees	Treated Litres	75ml Supplies	125ml Drinks
9°Fr	5 KH	450	6.000	3.600
18°Fr	10 KH	225	3.000	1.800
27°Fr	15 KH	150	2.000	1.200
36°Fr	20 KH	112	1.494	896
45°Fr	25 KH	90	1.200	720

NB values referring to bowls with a volume of 2 litres maximum

HOW TO USE

The optimal use of **Oscar 90** requires few and very simple steps:

1. Remove **Oscar 90** from its transparent and protecting wrapper:
2. Once the plastic has removed, wet with water to activate the silvered granules:
3. Lay down **Oscar 90** into the bowl (the water's container for your coffee machine).
Fill with water up to the desired level.

We suggest leaving a generous quantity of water into the bowl to let **Oscar 90** the right time to act and work for a water with perfect features for a great coffee and to preserve your electrical household. **Oscar 90** unique blend will assure you even after some days, a pure and bacteria free water. Obviously, as it is a passive system, it needs some time to neutralize all ions but the particular blend of resins we use, guarantee a water hardness reduction in a very short time. Once introduced, **Oscar 90** should NOT have removed until its life's end or its natural expiring time.

***DISPOSAL:** Every BILT product 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.

Shelf life time: 18 months

Code : Oscar 90