

TECHNICAL NOTE

INSTRUCTIONS FOR USE NICAL line



This note is aimed at the correct use of the NICAL reference

NICAL is an **ion exchange** softener with **different formats** discriminated by the **amount of water being treated**.

Below are information tables referring to parameters – foodiness – compliance regulations

			NICAL 450/900 BLU		NICAL 125/250	
VALORI MERCK MERCK VALUES	GRADI FRANCESI FRENCH DEGREES	GRADI TEDESCHI GERMAN DEGREES	450	900	125	250
● ● ● ● ●	9° Fr	5 DH	150	300	45	90
● ● ● ● ●	18° Fr	10 DH	75	150	22,5	45
● ● ● ● ●	27° Fr	15 DH	50	100	16	30
● ● ● ● ●	36° Fr	20 DH	37,5	75	11,25	22,5
● ● ● ● ●	45° Fr	25 DH	30	50	9	18

TEMPERATURA DI LAVORO OPERATING TEMPERATURE	+0° / +40° C
ALIMENTARIETÀ / FOOD SAFETY	12 mesi dalla produzione, 12 mesi dall'installazione / 18 months from production, 12 months from installation
RESINA / RESIN	Nical 900/450 Blu: cationica debole / weak cation Nical 125/250/: cationica forte / strong cation
TIPOLOGIA / TYPE	addolcitore per macchine OCS / softener for OCS machines
SMALTIMENTO / DISPOSAL	rifiuto speciale non pericoloso / special but not harmful waste
CODICE SMALTIMENTO WASTE CODE	C.E.R 19.09.05
CONFORMITÀ / CONFORMITY	D.M. MINISTERO DELLA SALUTE 174/2004 - D.P.R. 236/1988 - D.L. 31/2001 - 98/83/CEE - D.M. 25/2012

For a **correct use** of the reference, a **REFRESH step** is required by inserting the product into the machine and letting water flow for about 4/5 coffees, empty, or through the "hot water" button in the machine for about 8" aimed at activating the resin for prompt use.

Passing REFRESH

1. *Open the product from its casing*
2. *Place the product in a tray attached to the suction tube*
3. *Flow water for about 1 l through empty coffee dispensing or hot water button*

During the operation, the temporary phenomenon of colored water could be created, which from a chemical point of view corresponds to the solubilization in water of "sulfonated oligomers" of resin, i.e. polymeric fragments with low molecular weight bearing sulfonic exchange groups originating from the breakage of the main polymer chain that constitutes the ion exchange resin.

A simple flush, REFRESH step, allows you to eliminate the problem before putting the softener into service.

All the materials that make up the NICAL line comply with the Ministerial Decrees in force as shown in the "conformity" section table.