

Mixed Bed Deionisation Cartridge

Cartridges Designed for Deionising Water at 16 MegOhms

This cartridge is ideal for use in pharmaceutical, medical, laboratory, cosmetics, and circuit board printing applications. It may also be used in applications where water comes in contact with living organisms, such as fish breeding and potable water applications, and where low TOC and TDS (Total Dissolved Solids) levels are required. This cartridge lasts longer and produces the best quality of water when installed after a reverse osmosis or distillation system.

CARTRIDGE SPECIFICATIONS

<u>PRODUCT</u>	<u>APPROXIMATE CAPACITY</u>	<u>FLOW RATE</u>
NRW3240 Max Temp: 37°C	Grains (mg TDS as CaCO ₃) 230 15500 Max TDS: 600MG/L	0.95 LPM pH Range: 0-14

TYPICAL CARTRIDGE PROPERTIES & CHARACTERISTICS

	<u>FUNCTION STRUCTURE</u>	<u>PERCENT CONVERSION</u>	<u>TOTAL CAPACITY</u>
Cation	H+	99.9% Minimum	1.8 eq/L
Anion	OH-	95% Minimum	1.0 eq/L

CATION COMPONENT	Gel Strong Acid Cation
ANION COMPONENT	Gel Type 1 Strong Base Anion
PHYSICAL FORM	Amber Spherical Beads
MEAN SIZE TYPICAL	425-1200µm
CATION/ANION CHEMICAL EQUIVALENT RATIO	1:1

Applications:

- Circuit Board Printing
- Boiler Make-up Water
- Lasers
- Recirculating/Cooling
- Cosmetics
- Pharmaceutical Use
- Medical/Laboratory Use
- Jet Water Sprayers
- Breeding Tanks
- Steam Processors
- Steam & Humidification
- Power Generating Equipment

WARNING: Not recommended for drinking water application, do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system

CAUTION: Do not use cartridge on equipment that has an electric conductivity water level indicator

CAUTION: Filter must be protected against freezing which can cause cracking of the filter and water damage