

# Nano Purity 1200 Whole Home DWS

## Whole home purification solution.

### BENEFITS

- Two booster and recirculating pumps provide fast recirculating flow with up to 50% less savings compared to the standard single pump system
- Patented high-frequency, water saving drainage system
- Fully automatic
- Easy settings via APRO Monitor App
- Low energy consumption
- Permeate recovery typically 80%\*
- Optional permeate water RO mineralization stage
- Extended membrane life due to membrane anti clogging system
- Remote operational control
- Space saving design
- Modbus RTU connection interface
- Low-cost operation
- Feed water TDS up to 2000 ppm
- Easy maintenance
- High-capacity pre-filtration cartridges



## Technical specification

Operational pressure	7 – 10 Bar
Permeate Flow	1000 LPH
Membrane Quantity	3
Membrane size	40 inch
Max inlet TDS	2000 ppm
Reduction of salt content	Up to 95%
System recovery	Typically 80%*
Power supply	single-phase 230V, 50Hz
Dimensions, mm (LxWxH)	600 × 800 × 1650
Dimensions of membrane module (W x D x H mm)	169 x 392 x 422mm
Net weight	175 kg
Accumulation tank	internal, 80 liters
Size (inlet, outlet, concentrate)	1" / 3/4" / 1/2" NPTF (PB)
Warranty (excluding consumables)	1 year

## Running costs

SKU	Description	Life Span	Price +VAT
308400	Replacement prefilter cartridge	6 Months	£82.43
504000	Antiscalent Solution	24 Months or 1 Million Litres	£154.00
308402	Replacement Nanofilter Array	12 Months	£130.91
309200	Replacement UV Lamp NP1200	12 Months	£79.00
309200	Replacement UV Lamp Auxiliary Tank	12 Months	£79.00
308404	Replacement Membrane	6 to 60 Months**	£398.93
309202	Replacement UV Quartz Sleeve	As required	£49.00
509000	Replacement O-Ring	As required	£1.50
309200	Replacement Submerged UV Lamp (if fitted on additional storage tank)	12 Months	£79.00

\* Depending on supply water quality

\*\* Depending on supply water quality and usage

### Standard System Equipment:

- High rejection low energy membranes
- Grundfos pumps (Made in EU)
- Stainless steel seamless pressure vessels
- Fully equipped electrical board
- Feed and permeate conductivity flow pressure control and monitoring
- Storage tank
- 5.5" DIA patented high capacity multistage prefilter cartridge

### Optional Features:

- Additional storage tank with supply pump and UV water sterilizer
- GSM/GPRS/Modem

