

RenseWAI



RenseWAI DP Purist PRO

The RenseWAI DP PURIST PRO Type 1 Ultrapure Lab Water System produces Ultrapure water directly from either (RO + EDI) or Reverse Osmosis (RO) or Distilled or De-Ionized water, as feed source.

Features

- On-line TOC monitor based on complete oxidation methods (for TOC models)
- Feed water conductivity monitor for an optimal consumables life span
- Various final filters (optional) can ensure ultrapure water without particles, bacteria or pyrogen
- A high capability dual wavelength UV lamp for efficient control of TOC level
- Ultra purification cartridge is filled with LeFiITM and OrganeFiITM media to remove trace ions and organics
- The volumetric function can automatically set and deliver the water volume (From 0.1 L to 99.9 L) you need

Main Applications

Ultrapure Water

- HPLC mobile phase preparation
- Preparation of reagent blank solution
- As sample diluents for GC, HPLC, AA, ICP-MS and other analytical techniques
- Preparation of buffer and culture media for mammalian cell culture
- Preparation of molecular biology reagents, etc.
- Preparation / dilution of HPLC mobile phases, blanks, sample and buffers in GC, HPLC, AA, ICP-MS and other advanced analytical techniques
- Preparation of media for mammalian cell culture, IVF, reagents for molecular biology applications



Specification

Feed Water Requirements

- Feed Water – Either (RO + EDI) or RO water or Distilled water or De-Ionized water
- Feed water conductivity < 5 $\mu\text{S}/\text{cm}$ or lesser preferable
- Feed water pressure – (0 – 1) bar or (0 – 15) psi
- Operating temperature (5 – 35) $^{\circ}\text{C}$

Flow rate

- Type 1 or Ultrapure Water dispensing flow rate – upto 2 L/min @25 $^{\circ}\text{C}$

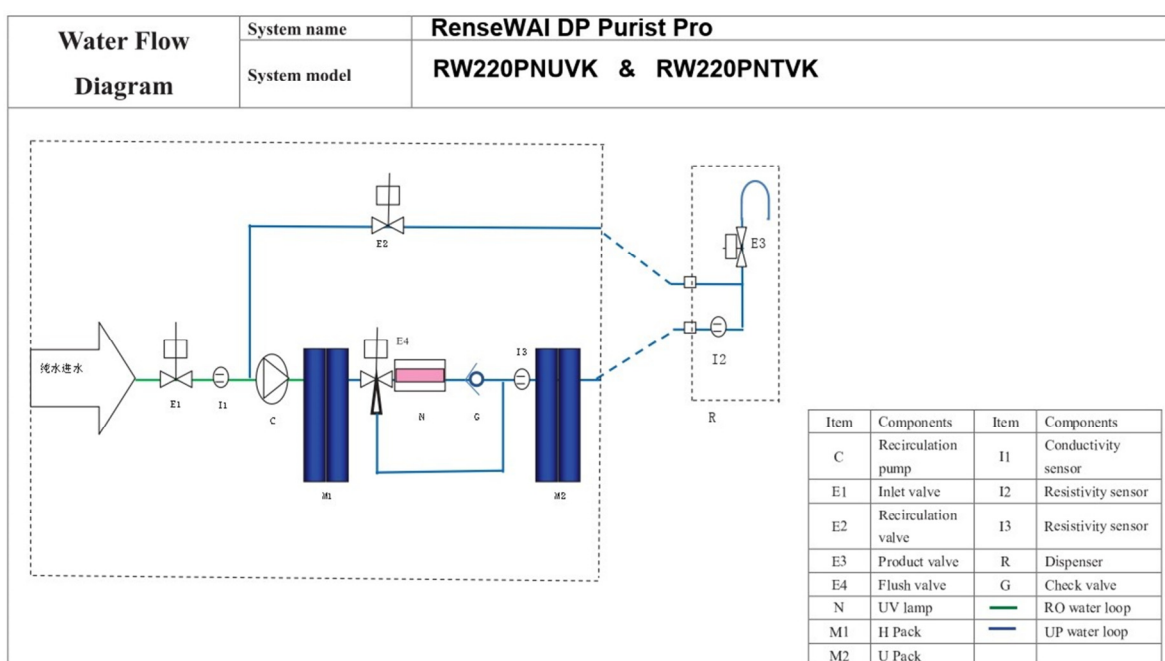
Product Water Quality

- Type 1 Ultrapure water resistivity (@25 $^{\circ}\text{C}$) – 18.2 $\text{M}\Omega\cdot\text{cm}$
- Type 1 Ultrapure water TOC < 5 ppb (If feed water TOC < 30 ppb, preferably with (RO + EDI) technology)
- Particles in Ultrapure water of > 0.2 μm - No particles (with a 0.2 μm final filter or Bio filter unit)
- Microorganisms in Ultrapure water - < 0.01 cfu/ml (with a 0.2 μm final filter or Bio filter)
- Pyrogens (Endotoxins) in ultrapure water < 0.001 EU/ml (with a Bio filter)
- RNase in ultrapure water < 0.5 pg/ml (with a Bio filter)
- DNase in ultrapure water < 10 pg/ml (with a Bio filter)

Power

- Input Voltage - 110 - 240 VAC
- Wattage < 150 W

Flow Chart



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Ordering Information

Sl.No.	Description	Catalogue No.
1	RenseWAI DP PURIST Pro with Dispenser SET	RW220PNUVK
2	RenseWAI DP PURIST Pro SET with Dispenser with TOC display SET	RW220PNTVK

Contents of the Set

RenseWAI DP PURIST PRO Set consists of :-

1. Main system
2. Dispenser with in-built resistivity sensor & display
3. H Pack
4. U Pack
5. Final Filter 0.22 micron
6. Dual wavelength 185/254 nm UV lamp (pre-installed)

Photographs (Representative only)

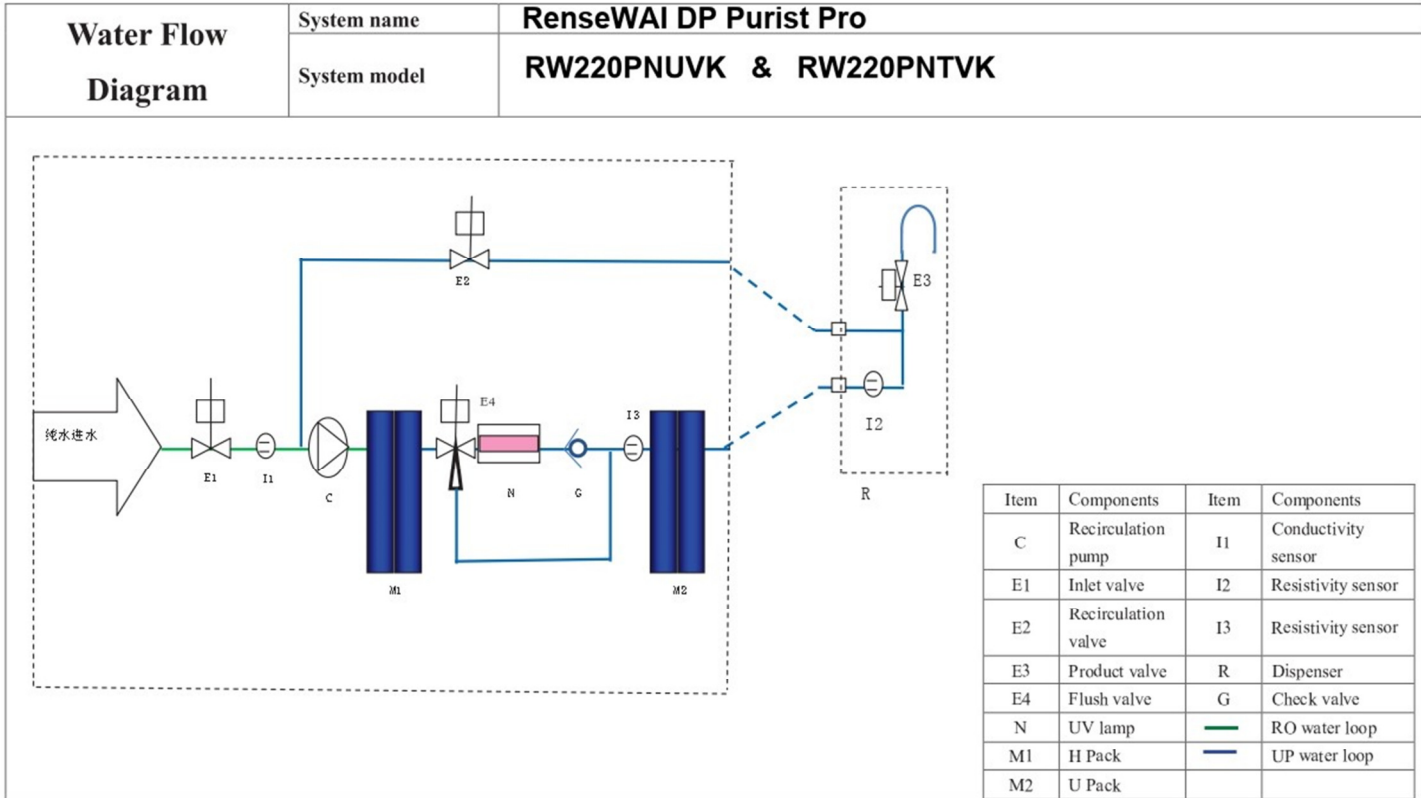


(Disclaimer – Please note photographs are for representation purpose only & can vary from the actual system)



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