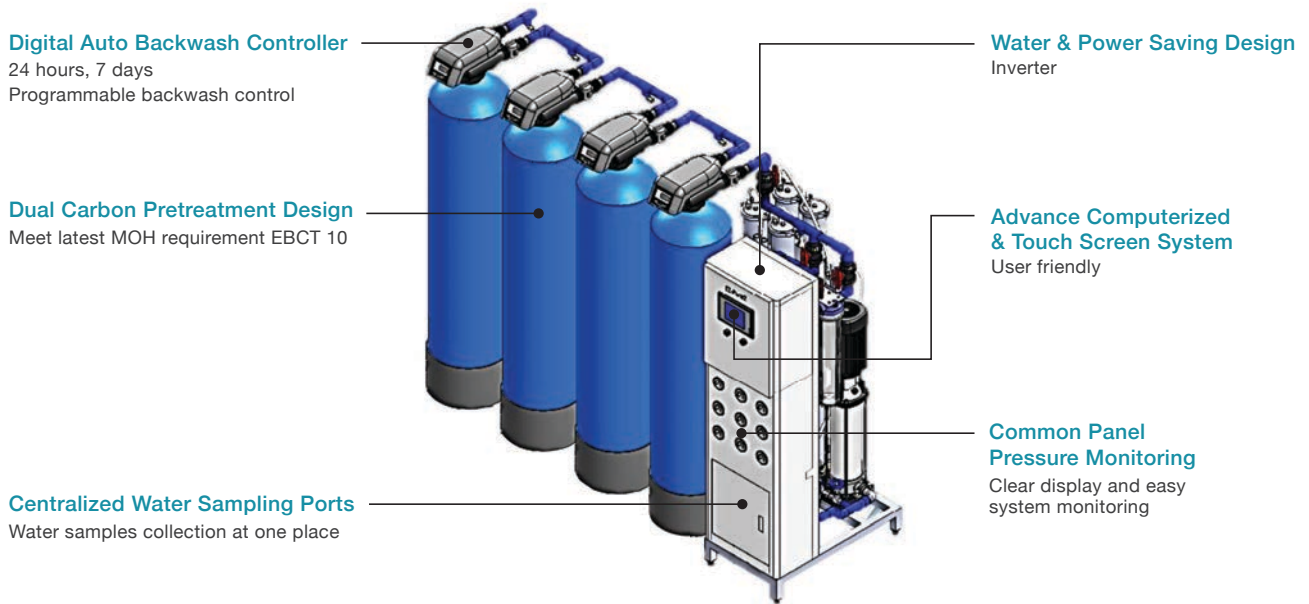


Medical Water Purification System

EZ-PURE2 Deluxe

reverse osmosis water purification system





Pressure Booster Pump

Quantity: 1 duty + 1 standby
 Pump Made: Grundfos
 Power Inlet: 1 phase / 3 phase, 50/60hz, 0.9kW
 Material: Stainless Steel
 Control: Electronic pressure control

Automated Multimedia Filter

Material: Opaque housing, non corrosive fiber glass tank with ABS lining.
 Filtration Size: Up to 5 micron
 Filter Media: Mixed aggregate grave, sand and anthracite- total 5 layers
 Backwash Control: Programmable 7-day timer c/w Filter body valve

Automated Carbon Filter

Tank Material: Opaque housing, non corrosive fiber glass tank with ABS lining.
 Filtration Size: Up to 5 micron
 Filter Media: Granular active carbon.
 - An iodine number between 950 ~ 1050 mg/gm
 Backwash Control: Programmable 7-day timer c/w Filter body valve

Automated Softener

Tank Material: Opaque housing, non corrosive fiber glass tank with ABS lining.
 Filtration Size: Up to 5 micron
 Filter Media: ion exchange resin
 Backwash Control: Programmable 7-day timer c/w Filter tbody valve

Guard Filter

Quantity: 1 duty + 1 standby
 Material: Opaque casing, Polypropylene
 Pore Size: 20" x 1 micron cartridge filter

Reverse Osmosis Module

Permeate Rate: 5- 40 LPM
 Recovery: up to 90% (dynamic recovery depend on the incoming raw water quality)
 Operating Pressure: 120 ~ 180psi
 RO elements: Energy saving polyamide membranes for maximum permeate yield at low pressure.
 Vessel Material: Stainless Steel
 RO Pump Made: Grundfos, (1phase/ 3phase, 50/60hz, 2.2kW)
 *Stainless Steel Vertical Multi Stages
 RO Pump Control: Inverter (Energy Saving Design) – optional
 Skid Mounted: Stainless Steel SS304

Front Panel

7" LCD Touch Screen- one touch selection for Off, Operation, Standby and Schedule mode.
 Emergency Stop Button
 Digital display Product/Permeate Conductivity.

Online System Monitoring (Optional)

Easy online access to RO system using computer, Android and IOS applications.

Distribution Looping

Anti UV PEX tubing
 Flow Velocity: minimum 1.5ft/sec (direct feed)
 RO pipe line: Each HD station RO water outlet fitted with stainless steel SS316 clamped fitting with a SS316 ball valve come with a quick release connector and bracket compatible with PEX Tubing.

Warranty & PMS

Twelve-12 calendar month from the date of commissioning.
 Two times (six months interval) during warranty period.
 – excluding AAMI water analysis & TBC test



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