

NEER

Water is an essential component for every one. With NEER it is now easier to get safe drinking water that is filtered and disinfected. NEER skid based / containerized membrane systems are capable of removing suspended solids, colloidal solids, pathogenic micro-organisms as well as other impurities such as mineral salts, sugars, proteins, dyes and constituents.

KEY FEATURES

- ✓ Consistent drinking water meeting WHO (World Health Organization) guidelines
- ✓ Advanced high quality membrane
- ✓ UV disinfectant to reduce micro-organism
- ✓ Pure Aqua to meet your water needs
- ✓ Low power consumption
- ✓ Engineered with our unique **RGB™** ideology
- ✓ Simple Instrumentation Safety devices with detection and monitoring
- ✓ Low Operating and Maintenance costs

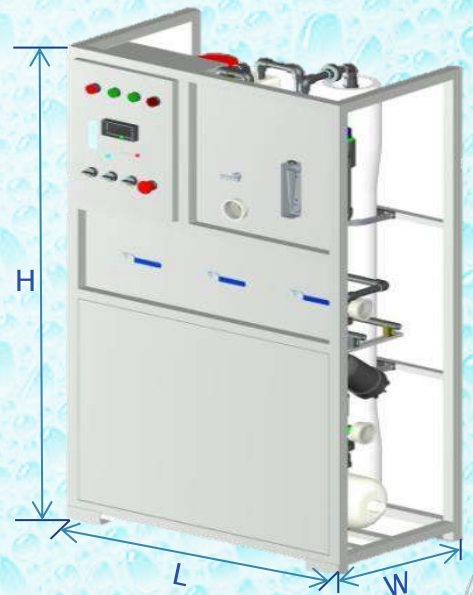
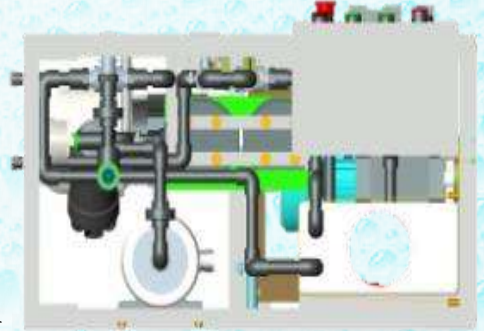


1-KNOT
empowering solutions

NEER

TECHNICAL SPECIFICATIONS (1m³/day system)

- ✓ Water Yield: 50LPH (317GPD)
- ✓ Output Water Quality: TDS <500mg/l (City Tap Water Standard)
- ✓ Power Supply: 230VAC, 50Hz, 1Ph
- ✓ Power Consumption: Max 1.5kW
- ✓ Salt Rejection Rate: $\geq 99.5\%$
- ✓ Product Recovery: 10%
- ✓ Operating Temperature: 0~45°C
- ✓ Humidity: 20 ~ 90%RH
- ✓ Skid Weight: Net 150kg
- ✓ Dimension mm : 900 x 440 x 1500 (LxWxH)
- ✓ Process Connection: Inlet DN25,
Outlet DN15



Above mentioned specifications are typical and are subject to change based on specific project requirements

NEER

AVAILABLE CAPACITIES

Capacity	Type
1 m ³ /day	Skid
2 m ³ /day	Skid
5m ³ /day	Skid / Container
10m ³ /day	Container
20m ³ /day	Container

For other capacities please contact us



VALUE ADDED OPTIONS

- ✓ Filters for hardness and iron removal
- ✓ Automated with Touch screen terminal
- ✓ Solar Powered Unit
- ✓ Industrial Cloud Services for remote monitoring

Specifications mentioned are subject to change to without notice based on particular project requirements.

CONTACT DETAILS

SINGAPORE - HQ

1-KNOT PTE LTD

35 Selegie Road, #09-22,
Singapore – 188307

Tel: +65-67260671 / 90607042

E-mail: arun.c@1-knot.com

Web: www.1-knot.com

1-KNOT
empowering solutions