

# NEER

Water is an essential component for every one. With NEER it is now easier to get uncompromised quality drinking water. Our skid based 1m<sup>3</sup>/day membrane systems are capable of removing salts as well as other impurities such as mineral salts, bacteria, sugars, proteins, dyes and constituents that have a molecular weight greater than 150-250mg/l.

## KEY FEATURES

- ✓ Consistent drinking water meeting WHO (World Health Organization) guidelines
- ✓ Advanced high quality membrane from reputed manufacturers
- ✓ Pure Aqua to meet your water needs
- ✓ Low power consumption
- ✓ Engineered with our unique **RGB**<sup>TM</sup> ideology
- ✓ Simple Instrumentation Safety devices with detection and monitoring
- ✓ Low Operating and Maintenance costs

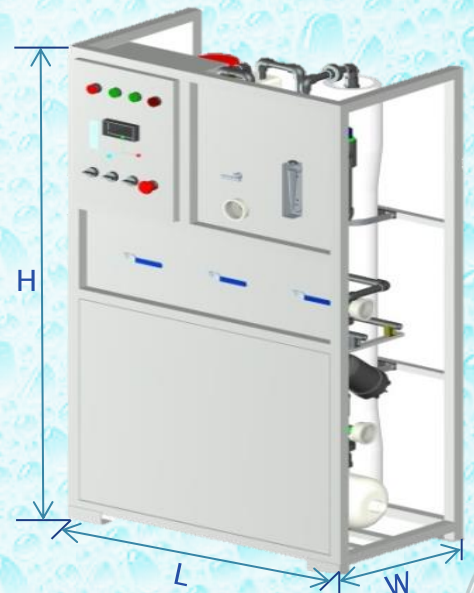
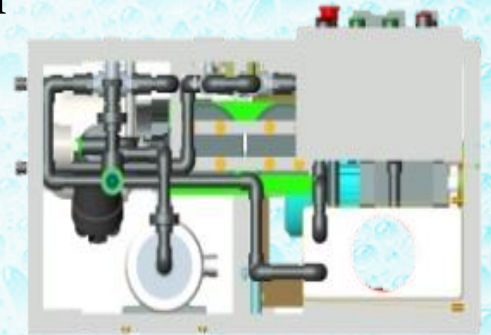


**1-KNOT**  
empowering solutions

# NIEER

## TECHNICAL SPECIFICATIONS

- ✓ 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 H  
(LxWxH)
- ✓ Process Connection: Inlet DN25,  
Outlet DN15



## OPTIONS

- ✓ Solar Powered Unit
- ✓ Industrial Cloud Services for remote monitoring
- ✓ Containerized 10m<sup>3</sup> /20m<sup>3</sup> Systems

**1-KNOT**  
empowering solutions

1-KNOT PTE LTD., | 21, Woodlands Close, #04-30, PRIMZBizhub, Singapore - 737854

Tel: +65-65216854 | E-mail: arun.c@1-knot.com | Web: www.1-knot.com