



aerospace  
climate control  
electromechanical  
**filtration**  
fluid & gas handling  
hydraulics  
pneumatics  
process control  
sealing & shielding



## Village Marine Tec. Mil-Spec Reverse Osmosis Desalination Systems



ENGINEERING YOUR SUCCESS.

# The Leader in MIL-SPEC Reverse Osmosis Desalination Systems



For over 30 years VMT has been the leading supplier of RO desalination equipment to the US Navy and US Coast Guard. We are proud that our steadfast commitment to the design, engineering and manufacture of the worlds most advanced RO equipment has helped improve the quality of life while underway for the men and women who serve. From potable water for drinking and showers to high-purity permeate for reactor-grade applications, Racor Village Marine Tec. is your choice for fresh water from the sea.



Our in-house design, manufacturing and testing capabilities coupled with our synergistic family of companies are unequalled in the industry and uniquely position Racor VMT to provide the toughest most reliable MIL-SPEC RO equipment.



#### USN surface fleet installations

- ARLEIGH BURKE CLASS (DDG)
- SPRUANCE CLASS (DD)
- TICONDEROGA CLASS (CG)
- TARAWA CLASS (LHA)
- AVENGER CLASS (MCM)
- OSPREY CLASS (MHC)
- FREEDOM CLASS (LCS)
- CYCLONE CLASS (PC)
- SAN ANTONIO CLASS (LPD 24 AF)



#### USN submarine fleet installations

- LOS ANGELES CLASS (SSN)
- OHIO CLASS (SSBN / SSGN)
- SEAWOLF CLASS (SSN)
- VIRGINIA CLASS (SSN)

#### USN carrier fleet installations

- ENTERPRISE CLASS (CVN-65)
- GERALD R. FORD CLASS (CVN-78)



#### USCGC installations

- POLAR CLASS (WAGB)
- JUNIPER CLASS (WLB)
- KEEPER CLASS (WLM)
- MARINE PROTECTOR CLASS (WPB)
- ISLAND CLASS (WPB)
- RELIANCE CLASS (WMEC)
- FAMOUS CLASS (WMEC)

# Design, Manufacturing & Technical Support

## Design engineering standards

- MIL-STD-901 (Shock)
- MIL-STD-167 (Vibration)
- MIL-STD-461 (EMI)

## Quality assurance

- MIL-I-45208A
- T9074-AS-GIB-010/271
- Dye Penetrant
- Magnetic Particle
- Ultrasonic

## Fabrication and weld standards

- NAVESEA  
S9074-AH-GIB-010/22
- NAVESEA  
S9074-AR-GIB-010/278
- NAVESEA  
S9074-AQ-GIB-101/248

## Materials and processes

- SMAW/GMAW/GTAW
- NiCu 400
- Titanium
- Hastelloy C276
- CuNi (70/30 90/10)
- A36 Carbon Steel
- Aluminum
- 300 Series SS

## Technical support

Technical assistance personnel who are factory trained to support the US Navy and USCG fleets.

## Sales and Service Centers

Located in Seattle, Honolulu, San Diego, Portsmouth, and three in Florida.



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**Process Filtration**  
**Process Advanced Filtration**  
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