Parker Village Marine
Water Desalination Systems
For over 30 years, Parker Village Marine (VMT) has developed innovative water desalination and purification plants for some of the most challenging environments – the middle of the ocean, 800 feet below the sea, offshore oilrigs, deserts, and disaster areas.

NASA and FEMA relied on Parker Village Marine to develop a self-contained reverse osmosis plant for its disaster relief program. The Navy asked Parker Village Marine for water so pure, it could be used with the nuclear reactors on its submarines. Catalina Island sought our help to ensure a steady water supply in drought conditions. When Hurricane Katrina hit New Orleans, the Army counted on us to keep a hospital open. The research required for high-profile government projects has enabled Parker Village Marine engineers to develop innovative ways to produce the most reliable RO systems in the world.

Always ready to respond.
Parker Village Marine’s entire team is prepared to meet the needs of its customers and distributors at any time. Parker Village Marine’s flexibility quickly takes ideas from concept to reality and enables the development of field-proven systems to meet the requirements of any application, in any environment, around the world.

A legacy of performance.
Parker Village Marine received the prestigious Aegis Excellence Award as the only RO supplier to excel in quality and delivery, surpassing U.S. Navy expectations. After the first Parker Village Marine reverse osmosis system was designed and installed on the U.S. Navy Submarine USS Dolphin in 1983, the systems had to undergo rigorous testing before additional installations could be approved. Passing every test, Parker Village Marine’s plants worked flawlessly, 24/7 for 90 days straight.

Fresh water for every vessel.
Our customers enjoy all of the luxuries of home – drinking water, ice, showers, dishwashers, and laundry – onboard. A complete range of reliable, power-efficient watermakers for sailboats, motorboats and yachts, as well as custom equipment, is available for quick delivery and allows our customers to cruise with confidence.

Without the noise.
Parker Village Marine’s experience in designing RO systems for Navy submarines has helped us create the quietest leisure and commercial watermakers on the market. A five-plunger pump, a pressure regulation system and other carefully chosen components are engineered in as standard in many of the systems to reduce noise and vibration.

The ultimate barrier to impurities.
Salts, minerals and organics are no match for Aqua Pro® spiral wound membranes, which remove impurities from seawater, brackish water, fresh water and tap water. Nano and ultra filtration membranes are also available. Proven processes are used in the design, development, testing and manufacturing of Aqua Pro spiral wound membranes. This dedicated attention to detail includes using the highest grade of polyamide thin-film composite materials for standard and custom membranes to ensure their ultimate performance and integrity. Parker Village Marine also manufactures cartridge and string filters to fit standard and custom filter housings.

Quality at the source.
The superior quality components that go into Parker Village Marine systems ensure that each one is built to the highest standards for safety, maintainability and reliability. The highest grades of raw materials are precisely machined and thoroughly tested to exacting customer requirements and industry specifications. By controlling the source and processes from the raw material to the final product, lead times are reduced to achieve on-time delivery, every time.

Providing the most innovative and reliable RO purification systems for seawater, brackish water and tap water, from energy-saving 145 GPD watermakers to high-performance 250,000 GPD system is what has established Parker Village Marine as a leader in industry.

Meeting the fresh water requirements of military ships to working marine vessels to luxury yachts to seaside properties has always been the mission of Parker Village Marine. A global leader in the innovative application of reverse osmosis technology.

Aegis Excellence Award
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**WARNING – USER RESPONSIBILITY**

Failure or improper selection or improper use of the products described herein or related items can cause death, personal injury and property damage.

- This document and other information from Parker-Hannifin Corporation, its subsidiaries and authorized distributors provide product or system options for further investigation by users having technical expertise.
- The user, through its own analysis and testing, is solely responsible for making the final selection of the system and components and assuring that all performance, endurance, maintenance, safety and warning requirements of the application are met. The user must analyze all aspects of the application, follow applicable industry standards, and follow the information concerning the product in the current product catalog and in any other materials provided from Parker or its subsidiaries or authorized distributors.
- To the extent that Parker or its subsidiaries or authorized distributors provide component or system options based upon data or specifications provided by the user, the user is responsible for determining that such data and specifications are suitable and sufficient for all applications and reasonably foreseeable uses of the components or systems.
To maintain peak performance always use genuine Parker Village Marine replacement parts. We reserve the right to change our specifications or standards without notice.
Fiberglass pressure vessels

Corrosion resistant, machined nylon end caps and manifolds

Industrial grade, pleated pre-filtration

Custom made seawater membranes

Aqua Pro, Triplex Titanium pump for low vibration and low noise with unsurpassed corrosion resistance.

High pressure bypass valves, 316 Stainless Steel

Corrosion resistant fresh water and brine flow meters

Industrial Strength reinforced high pressure hose with Titanium wetted fittings

TRUE 316 Stainless Steel high pressure regulator – Eliminates risk of over pressurization

Corrosion resistant, machined nylon end caps and manifolds

Reverse Osmosis System

SEAWATER

STRAINER

LIFT PUMP

PRE-FILTER

HIGH PRESSURE PUMP

MEMBRANE

REJECT BACK TO SEAWATER

DRINKING WATER
Stowaway Series
400-800 GPD (1,500-3,000 LPD)
For powerboat and ocean yachts applications

The Stowaway Series offers fresh water independence for ocean crossings, extended fishing trips or cruising where dock supplies are unreliable.

The Stowaway Series features a semi modular frame format, which maximizes installation flexibility. The frame is compact and can be above or below water line. The boost pump and prefilters are supplied as loose items. The watermaker can be operated and monitored from the electronic remote control.

Key Features:

- Triplex Titanium pump for low vibration and low noise with unsurpassed corrosion resistance.
- Aqua Pro® Pump 708-3
- Remote Control Panel
  Touchscreen panel allows complete watermaker control at your fingertips. Remote control panel is included as standard equipment.

Village Marine - Stowaway
(See bulletin no. 7861)
Little Wonder Series
145-200 GPD (550-760 LPD)
For sailboat applications

The modular Little Wonder watermakers are designed for cruising sailboats where space is limited and reliability is required.

(See bulletin no. 7829)

Optional Accessories

Optional salinity monitor and diversion valve available
(See bulletin no. 7972)

Optional remote instrument panel available for modular units

Sea Quencher Series
145-200 GPD (550-760 LPD)
For powerboat and sailboat applications

Parker Village Marine Sea Quencher (SQ) Series offers durable, high value desalination systems. Driven by AC or DC power, the Sea Quencher models use low electrical consumption in relation to their water production. The SQ Series is a best value for the investment and are in operation around the world.

SQ 200  Sea Quencher (760 LPD)
(See bulletin no. 7829)
Pure Water Vertical Series
800-2,000 GPD (3,000-7,500 LPD)
For large yachts, commercial marine applications and seaside properties

With the same high quality features of the horizontal Pure Water Series, the vertical frame Pure Water Series offers a more compact footprint for flexible installation options and optimal use of space. All components are on a single skid, in one frame, and include a multi-media pre-filter and flush system.

If the requirement is high volume potable water, delivered on a reliable basis, in a harsh environment, the Village Marine Pure Water Series in either configuration meets the requirements.
**LT Series**
400-1,800 GPD (1,500-6,750 LPD)
For power boats, sailboats and commercial vessels applications

The LT desalinator offers fresh water independence for ocean crossings, extended voyages or cruising where dock water supplies are unreliable.

The units feature a semi modular frame format, for installation flexibility. The frame is compact and can be above or below the water line. The boost pump and prefilters are supplied as loose items.

**Key Features:**

- Models 400 and 600 can be configured with membranes mounted on top or back of frame.
- Optional Remote with water quality indicator, comes with 50 ft. cable.
  P/N 90-0119

LT 800 (3,000 LPD)  (See bulletin no. 7935)
The Pure Water (PW) Series is designed to provide installation flexibility, superior performance, and extended service life in the most rugged conditions. Designed for 24/7, continuous-duty applications, where reliable fresh water supply is critical.

The fully framed unit is standard, however semi-modular and fully modular versions are also available.

Key Feature

At the core of each PW series watermaker are the AquaPro® high rejection seawater membranes to ensure high quality potable water supply.
The LTM Series offers high quality Parker Village Marine engineered components with straightforward manual operation. Driven by AC motors (from genset power), the modular configuration comes in ready to mount modules for flexible installation options. Integral to every LTM unit are a stainless steel pressure regulator and bypass valve.

The PW Series reverse osmosis desalination systems are the preferred choice of fresh water generating equipment for the most discriminating marine operators (such as major oil companies, The United States Navy, The United States Coast Guard and The Cousteau Society).

Thousands of installations have proven this series to be the most reliable on the market. They are designed to provide performance and longevity under the most rugged conditions.

### Key Feature

At the core of each PW series watermaker is the Aqua Pro 3 or 5 plunger titanium high pressure pump.

### Modular Configuration

VMT-PW 3,000-20,000 GPD (11,000-75,500 LPD)
Horizontal Frame System 

(See bulletin no. 7831)

### Key Feature

Optional salinity monitor and diversion valve system for water quality assurance.

Salinity monitor and diversion valve

(See bulletin no. 7972)
LT Series
3000-7000 GPD (11,000-26,000 LPD)
Practical and reliable fresh water supply

The LT desalinator offers a simple watermaker package with a compact frame and small footprint.

Parker VMT LT systems have a base frame only 40” wide x 33” deep, allowing a high capacity and high quality watermaker installation in a tight space.

Key Feature
Installation Flexibility

LT units can be supplied with an optional media filter system. Also membrane rack can be mounted horizontally or as a module for remote bulkhead mounting.

(See bulletin no. VMT0001)
Bilgewater Membrane Separator
BMS-350, BMS-500, BMS-1000, BMS-2000, and BMS-2500

Parker VMT's oily water separators meet the IMO Resolution MEPC 107(49). Parker VMT units are an advanced three-stage system optimizing the separation and removal of free and emulsified oils.

Heavy duty construction, corrosion resistant materials, permanent oil attractant media, quiet operation, automatic diversion valves and advanced Parker VMT membrane technology result in an easy to use, fully automated, high quality, affordable solution to meet your bilge water treatment needs. (See bulletin no. 7882)

Key Features
- USCG Certified to meet IMO MEPC 107(49) regulations
- MEPC 107(49) certified oil content monitor included
- Advanced three-stage design for maximum oil separation
- Fully automated system
- Parker VMT membrane technology specifically designed for bilge water treatment
- System employs a self-cleaning cycle for prolonged membrane service life
- Certified compliant with European Union Marine Directive 96/98/EC section A.1/2.1 Oil Filtering Equipment

Bilgewater Adsorbent Separator
BAS-500, BAS-1000, BAS-2000, and BAS-2500

Heavy duty construction, corrosion resistant materials, permanent oil attractant media, quiet operation, automatic diversion valves and advanced oil adsorbent media technology result in an easy to use, high quality, affordable solution to meet your bilge water treatment needs. (See bulletin no. VMT0014)

Key Features
- USCG Certified to meet IMO MEPC 107(49) regulations
- MEPC 107(49) certified oil content monitor included
- Advanced three-stage design for maximum oil separation
- Automated oil flush system
- Compact design minimizes installation requirement
- Certified compliant with European Union Marine Directive 96/98/EC section A.1/2.1 Oil Filtering Equipment
Offshore Oil & Gas

Offshore PW-XP Series
Explosion proof desalinators
3,000-20,000 GPD (11,000-75,500 LPD)

The PW-XP reverse osmosis desalination systems are based on the very popular PW series. They are the preferred choice of fresh water generating equipment for the most discriminating marine operators (such as major oil companies, the US Navy, the US Coast Guard and the Cousteau Society).

The PW series represents years of refinement to packaged RO system design, and provides a better value over custom designed systems.

Explosion proof configuration available:
- NEC rating, class I, division I, group D
- IEC 60079-10 Electrical apparatus for explosive gas atmospheres
  Zone 2 hazardous area, gas group IIA, temp class T3

(See bulletin no. 7857)

Key Feature

Explosion proof control box with E-stop and metallic cable glands; connected with armored cables...
Sea Water Series
24,000-40,000 GPD (91,000-150,000 LPD)
For offshore rigs, work camps, seaside properties and cruise ships

The Sea Water Series reverse osmosis desalination systems are designed to provide potable water in demanding environments. Its rugged, efficient design allows high through-put of water with minimum electric power use. The Sea Water Series systems are quiet because the mounting of the motors and Aqua Pro pumps isolates and minimizes vibration transfer to the vessel’s hull or the RO system enclosure.

Parker Village Marine - SW32 model is installed on a single skid with two complete, independent RO systems. The two trains can run together or can be operated on a duty/stand by basis. Top quality components, manufactured by Parker Village Marine, provide maximum corrosion resistance. Straight-forward, easy to understand controls, result in reliable operation. (See bulletin no. 7832)

CC Series
2,000-26,000 GPD
(7,500-100,000 LPD)
For Offshore MODU, FSO, FPSO, and drill ships

The CC Series watermakers provide engineered solutions to meet customer specifications in harsh offshore applications. Each one is configured with all accessories in a single box frame. Various pre-treatment and post-treatment options are available.

(See bulletin no. 7982)
Parker Village Marine LB-20K is a complete watermaker system to convert seawater, brackish water or contaminated water into drinking water. Comes complete with generator, supply pump and storage tanks to go into operation quickly. Standard 20 foot ISO container can be transported by road, rail or by sea. Ready to deploy wherever temporary or emergency potable water is required.

**Key Features**

- Collapsible storage tanks
- Titanium head 5P70 high pressure pump
Parker Ultra Filter
RUF-25 and RUF-30

Parker Village Marine RUF units provide fresh water filtration that is truly portable and independent. The RUF-25 or RUF-30 will process 25 or 30 gallons per hour from 12 volt vehicle auxiliary power (cigarette lighter). Optional lightweight folding solar power version provides 25 gallon per hour production from sunlight. Water treatment includes 20 micron sediment filtration, carbon filtration, ultrafiltration membranes and ultraviolet radiation.

Note: the RUF systems are not for seawater or brackish water applications.
(See bulletin no. VMT0028)

Key Features

Solar power option panels fold for stowage on top of the backpack frame

RUF-30 Hard shell case provides convenient storage and transport

Setup time is 5 to 10 minutes after deployment
The Leader in MIL-SPEC Reverse Osmosis Desalination Systems

For over 30 years Parker Village Marine 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 world’s 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, Parker 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 Parker - Village Marine Tec. 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)

USCG installations
- POLAR CLASS (WAGB)
- JUNIPER CLASS (WLB)
- KEEPER CLASS (WLM)
- MARINE PROTECTOR CLASS (WPB)
- ISLAND CLASS (WPB)
- RELIANCE CLASS (WMEC)
- FAMOUS CLASS (WMEC)
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
- GMAW/GTAW
- NiCu 400
- Titanium
- Hastelloy C276
- CuNi (70/30 90/10)
- A36 Carbon Steel
- Aluminium
- 300 Series SS

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

Navy Service Centers located in Seattle, San Diego, and Portsmouth.

(See bulletin no. 7845)
Salts, minerals and organics are no match for AquaPro spiral wound membranes. They remove impurities from sea water, brackish water, fresh water and tap water.

Selecting the highest grade of materials and thoroughly testing their performance and integrity, results in unmatched membrane quality and efficiency. Flexibility in design and manufacturing capabilities allows maximum quality control and quick response to unique, custom fabrication.

Pleated filters are designed for reverse osmosis application and offer superior service life to wound or polyspun cartridges. The cartridge size to flow rate ratio is lower than most filters on the market. A wide range of in-stock sizes and micron ranges fit most standard filter housings on the market today.

(See bulletin no. 7905)
Quiet and durable, Aqua Pro Titan Series Pumps are dependable and specifically designed for reverse osmosis applications. Specific pump components are made of titanium which is impervious to sea water corrosion. The positive-displacement pump design uses less energy than most pumps. (See bulletin no. 7885)

Key Features

- Titanium pump heads ensure reliable operation and minimal maintenance.
- Titanium fluid ends and titanium-backed nylon valves are impervious to sea water corrosion.
- Heavy-duty industrial drive end and corrosion/wear-resistant plungers extend service life in high pressure applications.
- The combination plunger pump and pressure regulation design reduces noise and vibration to provide quiet, smooth operation.
Spares and Consumables

Parker Village Marine consumables and spare parts are stocked at Parker marine distributors worldwide. Protect your investment and warranty by using only authorized spares.

(See bulletin no. 7905)

Stowaway Watermaker Master Control Panel

Parker Village Marine brings customers a new level of watermaker control and ease of operation. The Parker Watermaker Control Panel delivers advanced Parker technology at your fingertips.

Available now on the Stowaway series of watermakers from Parker Village Marine.

(See bulletin 7861)
Pressure Vessel Assemblies
Parker Village Marine RO membrane pressure vessels feature non-metallic wetted surfaces for excellent corrosion resistance. Simple end plug design allows quick removal for element servicing. If the size you require is not shown please contact us for custom builds.
(See bulletin no. 7898)

Ultraviolet Light Germicidal System
Parker Village Marine Ultraviolet Light Germicidal Systems effectively kill bacteria and viruses with a 99.9% efficiency. Built to last, the VMS-3 is constructed with a stainless steel housing, high purity quartz flow tube and high output, long life bulb. The VMS-3 is typically installed in the distribution system or near the point of use to ensure safe, pure drinking water. There are no chemicals added to the water and no chemical aftertaste.
(See bulletin no. 7909)

Commercial Media Filtration Systems
Extend micron filter life and reduce maintenance cost by adding a commercial media filter. Designed for commercial operation but practical for private operation. The media filter uses a back-washable, reusable media, which effectively removes particulate matters down to 10 microns. System comes complete with boost pump, control box, pressure gauges and valves for easy installation and operation.
(See bulletin no. 7868)

Filter Housings
Parker Village Marine offers fiberglass and stainless steel (SS316) filter housings specifically designed for seawater use. Simple but secure closure systems allow quick cartridge change. Powder coated shells offer superior corrosion resistance. Fasteners and clamps are stainless steel.
(See bulletin no. 7914)
Parker Village Marine Remineralizer Systems offer pH neutralization of RO water and are specifically engineered to operate with Village Marine PW and SW Series Watermakers. The media restores a buffer capacity to raise pH and reduce fresh water “aggressiveness” against metal pipes and fixtures.

(See bulletin no. 7903)

Parker Village Marine Media Filtration Systems offer multi-media performance and are specifically engineered to operate with Village Marine PW Series Watermakers. The media layers are optimized to remove particulate matter from the feed stream ahead of the micron filtration system.

(See bulletin no. 7862)
Racor Products and Systems

Fuel
7529
Key Products
• Diesel Spin-on
• Pump Cartridge
• Pump Spin-on
• Turbine Series
• Biodiesel Systems
• Alternative Fuel
• Electric Heaters
• Service Indicators
• Bowl Upgrade Kits

Air
7539
Key Products
• ECO Spin-on Systems
• Ember Separators
• Pamic High Capacity
• Single Stage Dynacell
• Heavy-Duty Standard
  Air Filters Small/Medium
  Applications
• Pre-Cleaners
• Replacement Elements
• Service Kits

Crankcase
7790
Key Products
• ECO Spin-on Systems
• Ember Separators
• Pamic High Capacity
• Single Stage Dynacell
• Heavy-Duty Standard
  Air Filters Small/Medium
  Applications
• Pre-Cleaners
• Replacement Elements
• Service Kits

Pump
7683
Key Products
• Smart Pump System
• Integrated Filter/Separator
  Pump
• Fuel Conditioning Modules
• Turbine Series Electric
  Primer Pump Kits
• Manual Primer Pump

Fuel Dispensing
7537
Key Products
• Filter Cartridges
• Filter Vessels
• FBO Filters
• RVFS Series Vessels
• Microfilter Vessels
• Industrial Filter/Water
  Separator Vessels
• Fuel Monitors
• Fuel Conditioning

Fuel Additives
7518
Key Products
• Biodiesel Challenges
• Diesel Performance Plus+
• Diesel Conditioner Plus+
• Diesel Biocide
• Diesel Winter Plus+
• Gasoline Conditioner
  Plus+

Lubrication Filtration
7460
Key Products
• Integrated Oil/Fuel Systems
• Media Research
• Bypass Filtration
• Hydraulic Filtration
• Oil Analysis Kit
• Par Fit Oil Filters
• Engine Oils

Sentinel Protection
7330
Key Products
• Master Control
• CPV Coolant Valve
• SVK Fuel Solenoids
• STV Self Test Valve
• Orifice Selection
• Testing
• Heat Sentinel
• Troubleshooting
At Parker, we’re guided by a relentless drive to help our customers become more productive and achieve higher levels of profitability by engineering the best systems for their requirements. It means looking at customer applications from many angles to find new ways to create value. Whatever the motion and control technology need, Parker has the experience, breadth of product and global reach to consistently deliver. No company knows more about motion and control technology than Parker. For further info call 1 800 C-Parker (1 800 272 7537).
# VMT Sales Contacts

<table>
<thead>
<tr>
<th>Country</th>
<th>City/Region</th>
<th>Contact Information</th>
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</thead>
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<td>Buenos Aires</td>
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<td>Hong Kong</td>
<td>Hong Kong</td>
<td>852 2428 8008 <a href="mailto:albertcheung@parker.com">albertcheung@parker.com</a></td>
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<tr>
<td>India</td>
<td>Mumbai</td>
<td>+91 22 6513 7081-85 <a href="mailto:santosh.shetty@parker.com">santosh.shetty@parker.com</a></td>
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<td>Corsico</td>
<td>+39 02 45 19 21 <a href="mailto:parker.italy@parker.com">parker.italy@parker.com</a></td>
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<td>Japan</td>
<td>Tokyo</td>
<td>+81 3 6408 3901 <a href="mailto:kishio.hosaka@parker.com">kishio.hosaka@parker.com</a></td>
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<tr>
<td>Kazakhstan</td>
<td>Almaty</td>
<td>+7 7272 505 800 <a href="mailto:parker.easteurope@parker.com">parker.easteurope@parker.com</a></td>
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<td>Malaysia</td>
<td>Kuala Lumpur</td>
<td>+603 7849 0845 <a href="mailto:ryan.chew@parker.com">ryan.chew@parker.com</a></td>
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<td>Mexico</td>
<td>Monterrey</td>
<td>+52 1 811 066 0804 <a href="mailto:vcordenas@parker.com">vcordenas@parker.com</a></td>
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<td>New Zealand</td>
<td>Auckland</td>
<td>+64 9 574 1744 <a href="mailto:armin.howard@parker.com">armin.howard@parker.com</a></td>
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<tr>
<td>Norway</td>
<td>Oslo</td>
<td>+47 64 91 10 00 <a href="mailto:parker.norway@parker.com">parker.norway@parker.com</a></td>
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<td>Panama</td>
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<td><a href="mailto:francisco.lopez@parker.com">francisco.lopez@parker.com</a></td>
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<tr>
<td>Phillipines</td>
<td>Manilla</td>
<td>+63 917 84 85945 <a href="mailto:flabayan@parker.com">flabayan@parker.com</a></td>
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<td>Poland</td>
<td>Warsaw</td>
<td>+48 502 378 178 <a href="mailto:parker.poland@parker.com">parker.poland@parker.com</a></td>
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<td>Portugal</td>
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<td>+351 22 999 7360 <a href="mailto:parker.portugal@parker.com">parker.portugal@parker.com</a></td>
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<td>Russia</td>
<td>Moscow</td>
<td>+7 495 645-2156 <a href="mailto:parker.russia@parker.com">parker.russia@parker.com</a></td>
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<tr>
<td>Singapore</td>
<td>Singapore</td>
<td>+65 6887 6300 <a href="mailto:Sheila.lim@parker.com">Sheila.lim@parker.com</a></td>
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<tr>
<td>South Africa</td>
<td>Kempton Park</td>
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<tr>
<td>South Korea</td>
<td>Seoul</td>
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<tr>
<td>Spain</td>
<td>Madrid</td>
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<tr>
<td>Sweden</td>
<td>Spanga</td>
<td>+46 (0)8 59 79 50 00 <a href="mailto:parker.sweden@parker.com">parker.sweden@parker.com</a></td>
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<tr>
<td>Switzerland</td>
<td>Etoy</td>
<td>+41 (0) 21 821 02 30 <a href="mailto:parker.switzerland@parker.com">parker.switzerland@parker.com</a></td>
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<tr>
<td>Taiwan</td>
<td>Taipei</td>
<td>886 2 2298 8987 <a href="mailto:clark.lee@parker.com">clark.lee@parker.com</a></td>
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<tr>
<td>Thailand</td>
<td>Bangkok</td>
<td><a href="mailto:rserna@parker.com">rserna@parker.com</a></td>
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<tr>
<td>The Netherlands</td>
<td>Oldenzaal</td>
<td>+31 (0)541 585 000 <a href="mailto:parker.nl@parker.com">parker.nl@parker.com</a></td>
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<tr>
<td>Turkey</td>
<td>Istanbul</td>
<td>+90 216 4997081 <a href="mailto:parker.turkey@parker.com">parker.turkey@parker.com</a></td>
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# Worldwide Filtration Manufacturing Locations

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<th>Region</th>
<th>Location</th>
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<tr>
<td><strong>North America</strong></td>
<td>Compressed Air Treatment/Filteration &amp; Separation/Balston</td>
<td>Haverhill, MA 978 858 0505 <a href="http://www.parker.com/balston">www.parker.com/balston</a></td>
<td>6035 Parkland Boulevard Cleveland, OH 44124 phone 216 896 3000 <a href="http://www.parker.com">www.parker.com</a></td>
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<td>Finite Airtek Filtration/Airtek/damnick hunter/Zander</td>
<td>Lancaster, NY 716 686 6400 <a href="http://www.parker.com/faf">www.parker.com/faf</a></td>
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<td>Engine Filtration &amp; Water Purification</td>
<td>Racor Modesto, CA 209 521 7860 <a href="http://www.parker.com/racor">www.parker.com/racor</a></td>
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<td>Holly Springs, MS 622 252 2606 <a href="http://www.parker.com/racor">www.parker.com/racor</a></td>
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<td>Beaufort, SC 843 846 3200 <a href="http://www.parker.com/racor">www.parker.com/racor</a></td>
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<td>Racor – Village Marine Carson, CA 310 608 5600 <a href="http://www.parker.com/watermakers">www.parker.com/watermakers</a></td>
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<td>Parker Sea Recovery Carson, CA 310 637 3400 <a href="http://www.parker.com/searecovery">www.parker.com/searecovery</a></td>
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<td>Hydraulics Filtration Hydraulic Filter Metamora, OH 419 644 4311 <a href="http://www.parker.com/hydraulicfilter">www.parker.com/hydraulicfilter</a></td>
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<td>Laval, QC Canada 450 629 9594 <a href="http://www.parkerfarr.com">www.parkerfarr.com</a></td>
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<td>Process Filtration damnick hunter Process Filtration Oxnard, CA 805 604 3400 <a href="http://www.parker.com/processfiltration">www.parker.com/processfiltration</a></td>
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<td>Madison, WI 608 824 0500 <a href="http://www.scilog.com">www.scilog.com</a></td>
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<td>Phoenixville, PA 610 933 1600 <a href="http://www.parker.com/processfiltration">www.parker.com/processfiltration</a></td>
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<td>Aerospace Filtration Velcon Filtration Colorado Springs, CO 719 531 5855 <a href="http://www.velcon.com">www.velcon.com</a></td>
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<td><strong>Europe</strong></td>
<td>Compressed Air Treatment damnick hunter Filtration &amp; Separation</td>
<td>Gateshead, England +44 (0) 191 402 9000 <a href="http://www.parker.com/dhfns">www.parker.com/dhfns</a></td>
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<td>Parker Gas Separations Etten-Leur, Netherlands +31 76 508 5300 <a href="http://www.parker.com/dhfns">www.parker.com/dhfns</a></td>
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<td>Hiross Zander Padova Business Unit Padova, Italy +39 049 9712 111 <a href="http://www.parker.com/hzd">www.parker.com/hzd</a></td>
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<td>Engine Filtration &amp; Water Purification Racor Dewsbury, England +44 (0) 1924 487 000 <a href="http://www.parker.com/rfde">www.parker.com/rfde</a></td>
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<td>Racor Research &amp; Development Stuttgart, Germany +49 (0) 711 7071 290-10 <a href="http://www.parker.com/rfde">www.parker.com/rfde</a></td>
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<td>Hydraulic Filtration Hydraulic Filter Arnhem, Holland +31 26 3760376 <a href="http://www.parker.com/hfde">www.parker.com/hfde</a></td>
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<td>Condition Monitoring Centre Norfolk, England +44 (0) 1903 731 470 <a href="http://www.kittiwake.com">www.kittiwake.com</a></td>
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<td>Process Filtration damnick hunter Process Filtration Birtley, England +44 (0) 191 410 5121 <a href="http://www.parker.com/processfiltration">www.parker.com/processfiltration</a></td>
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<td>Parker Techno Osaka, Japan +81 66 340 1600 <a href="http://www.techno.taiyo-ltd.co.jp">www.techno.taiyo-ltd.co.jp</a></td>
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<td><strong>Latin America</strong></td>
<td>Parker Comercio Ltda. Filtration Division Sao Paulo, Brazil +55 12 4009 3500 <a href="http://www.parker.com/br">www.parker.com/br</a></td>
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<td>Pan American Division Miami, FL 305 470 8800 <a href="http://www.parker.com/panam">www.parker.com/panam</a></td>
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<td>Africa Aeropuerto Kempton Park, South Africa +27 11 9610700 <a href="http://www.parker.com/africa">www.parker.com/africa</a></td>
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