Drinking Water Filtration for Parker Facilities
Parker Internal Use Only
Point-of-Use Water for Parker Facilities

For over 30 years, Racor – Village Marine Tec. has developed innovative water desalination and purification system solutions for some of the most challenging environments – the middle of the ocean, 800 feet below the sea, offshore oil rigs, deserts and disaster areas. We are now offering that same innovation to our fellow Parker facilities with a variety of filtration solutions designed to produce fresh drinking water for both the office and in the plant.

Caring about the health of our employees has made providing clean drinking water at every facility worldwide a goal among Parker management. Racor Village Marine has prepared a selection of Parker water purification products that can suit the water standards we want for every facility. Call on Racor Village Marine, they are your source for Parker water purification solutions and are here to help.

Don Washkewicz, Chairman, CEO and President

How to Order

Order from a Parker Sales Company

To find a Parker Sales Company near you visit www.parker.com

Credit or P-Cards are accepted

Ask for the Inside Sales Team at
Phone number: 310 516 9911
Fax number: 310 538 3048
Email: vmtorders@parker.com

First, depending on your facility we recommend the following guide line.
Note: The quantity of units is not only specific to the number of employees but also the square footage of your facility. This will help assure both an adequate volume of water and convenient access for your employees.

<table>
<thead>
<tr>
<th>Location</th>
<th>Employees</th>
<th>Point-of-Use Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Office</td>
<td>5 - 25</td>
<td>1 - 3</td>
</tr>
<tr>
<td>Office</td>
<td>25 - 50</td>
<td>3 - 6</td>
</tr>
<tr>
<td>In-Plant</td>
<td>50 - 100</td>
<td>6 - 12</td>
</tr>
<tr>
<td>In-Plant</td>
<td>100 - 250</td>
<td>12 - 24</td>
</tr>
<tr>
<td>In-Plant</td>
<td>250 - 500</td>
<td>24 - 48</td>
</tr>
<tr>
<td>In-Plant</td>
<td>500 - 1000</td>
<td>48+</td>
</tr>
</tbody>
</table>

Parker Hannifin Corporation
Racor Division - Village Marine Tec.
2630 E. El Presidio Street
Carson, CA 90810
1. Sediment Filter
2. Carbon Filter
3a. 4 Stage Under-the-Counter System
3b. Office Water Cooler with Reverse Osmosis
3c. In-Plant Water Cooler with Reverse Osmosis

- Larger Silt and Sediments
- Chloramine and other tastes and odors
- Salts, Arsenic, Lead, Mercury and other total dissolved solids
Prefilter

- Removes silts and sediments like dirt, sand and other larger contamination in the water
- Filters made of a high quality Polypropylene
- Pressure relief/bleed button on inlet side of cap
- Thick walls for increased strength
- Leak-proof sealing with top-seated Buna-N O-ring

Benefits

The first stage of the filtration process removes suspended particles, silts and sediments from the source water. By removing the larger contamination from the water source it helps protect the reverse osmosis membranes and carbon filters from being clogged ensuring a longer filter life. The contamination can come from the city water source or corroded pipes. A larger filter gives you a higher flow rate and a longer filter life.

Features

<table>
<thead>
<tr>
<th>Small Housing</th>
<th>Medium Housing</th>
<th>Large Housing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Part Number</td>
<td>Description</td>
<td>Part Number</td>
</tr>
<tr>
<td>33-0117</td>
<td>5 Micron Filter</td>
<td>33-0057</td>
</tr>
<tr>
<td>33-0118</td>
<td>20 Micron Filter</td>
<td>33-0058</td>
</tr>
<tr>
<td>33-0052</td>
<td>5 Micron Filter</td>
<td>33-0057</td>
</tr>
<tr>
<td>33-0053</td>
<td>20 Micron Filter</td>
<td>33-0058</td>
</tr>
</tbody>
</table>

Optional Wall-Mounting Bracket

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>90-1474</td>
<td>White</td>
</tr>
<tr>
<td>33-0283</td>
<td>Grey</td>
</tr>
<tr>
<td>90-2852</td>
<td>Dual Bracket, White</td>
</tr>
</tbody>
</table>

Specifications

<table>
<thead>
<tr>
<th>Small Housing</th>
<th>Medium Housing</th>
<th>Large Housing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions: 5” X 12” / 130mm X 310mm</td>
<td>Inlet size: 3/4” NPT</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Medium Housing</td>
<td>Dimensions: 7” X 14” / 180mm X 360mm</td>
<td>Inlet size: 1” NPT</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Large Housing</td>
<td>Dimensions: 7” X 25” / 180mm X 640mm</td>
<td>Inlet size: 1.5” NPT</td>
</tr>
</tbody>
</table>

Part Number Description

- Clear Housing: part # 33-1034
- White Housing: part # 33-0011
- Blue Housing: part # 33-0095
- 5 Micron Filter: part # 33-0057
- 20 Micron Filter: part # 33-0052
Carbon Filter

The next stage of filtration is the carbon filter. Its purpose is to remove chlorine or chloramine as well as any tastes or odors from the water. This will provide you with fresh tasting and softer water at every faucet within your facility. A larger housing offers a higher flow rate and longer lasting filter.

Benefits

- Can be installed after the carbon filter
- Extends the life of dishwashers, water heaters, pipes and RO units
- No salts or dangerous chemicals
- Cost efficient; no electricity and no extra water is needed for backwashing
- Soft water without the slimy feeling
- Low maintenance

Specifications

**Small Housing**
- Dimensions: 5" X 12" / 130mm X 310mm
- Flow rate: 1 GPM / 3.8 LPM
- Inlet size: 3/4" NPT

**Medium Housing**
- Dimensions: 7" X 14" / 180mm X 360mm
- Flow rate: 3 GPM / 11.4 LPM
- Inlet size: 1" NPT

**Large Housing**
- Dimensions: 7" X 25" / 180mm X 640mm
- Flow rate: 7 GPM / 26.5 LPM
- Inlet size: 1.5" NPT

Optional Wall-Mounting Bracket

- Part # 90-1474 White
- Part # 33-0283 Grey
- Part # 90-2852 Dual Bracket, White

Water Softener

The Parker water softener is an optional filter to address hard water issues without the need of salt, electricity or backwashing. This is a great way to prolong the life of pipes and any appliances that use water by preventing build up and scaling. This also helps protect reverse osmosis systems by removing calcium and magnesium, both of which can clog RO membranes. The optional Hydro-Magnet will change the ionic charge of the incoming hard water allowing the system to more efficiently remove hardness from the source.

**Water Softener:**
- Part # 90-6070

**Prefilter:**
- Part # 33-0052

**Prefilter Housing:**
- Part # 33-0011

**Hydro-Magnet:**
- Part # 90-6070HM

---

Clear Housing: part # 33-1034
Carbon Filter: part # 33-0311

White Housing: part # 33-0011
Carbon Filter: part # 33-0315

Blue Housing: part # 33-0095
Carbon Filter: part # 33-0083

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>33-1123</td>
<td>5&quot; Carbon Filter</td>
</tr>
<tr>
<td>33-0315</td>
<td>10&quot; Carbon Filter</td>
</tr>
<tr>
<td>33-0083</td>
<td>20&quot; Carbon Filter</td>
</tr>
</tbody>
</table>

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<tr>
<td>33-0283 Grey</td>
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<tr>
<td>90-2852 Dual Bracket, White</td>
</tr>
</tbody>
</table>
Under-The-Counter Reverse Osmosis Systems

The Under-the-Counter filtration system is a unit that is typically installed beneath a sink where it filters the water into a storage tank at 75 gallons per day. When the faucet is opened it feeds the pre-filtered ambient water out from the tank giving you instant access to fresh and clean drinking water.

4 Stage Reverse Osmosis Water System

Stage 1 - Sediment:
5 micron sediment filter to remove dirt rust and any other suspended particles in the source water.

Stage 2 - Carbon:
Carbon block filter cartridge to remove chlorine, tastes and odors. This also assists in protecting your RO membrane.

Stage 3 - Reverse Osmosis:
Thin film reverse osmosis membrane to remove 99% of dissolved solids.

Stage 5 - Polishing Filter:
When the faucet is opened water leaves the storage tank and runs through a final polishing filter to remove any tastes and odors it may have acquired in the storage tank.

Features
- Ambient water
- Easy to change filters
- Easy system installation
- 75 Gallons per day / 3 Gallons per hour filtration
- Reverse osmosis for pure water

Ordering Information

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>90-8702</td>
<td>Under-the-Counter System</td>
</tr>
<tr>
<td>99-0116</td>
<td>Annual Replacement Kit</td>
</tr>
</tbody>
</table>

1. Source Water
2. To Storage Tank
3. To Faucet
Water Coolers
For Office and Plant

The Parker office water cooler is the best solution for busy offices where access to clean drinking water is a necessity. The unit is constructed with durable metal panels, large storage tank and a tall dispenser area for ease of filling sports bottles, mugs, and coffee pitchers. The office water cooler provides hot, cold and ambient fresh drinking water.

It is designed with a large filtration compartment which provides space for filtration, RO treatment, and carbon treatment. In addition, a large 3 gallon internal tank offers storage capacity and ample water on demand. Filtering your tap water means you no longer need to swap out those heavy jugs.

All critical surfaces are coated with an antimicrobial agent while a standard in-line ultraviolet light system destroys waterborne bacteria and viruses. Removable service panels provide fast and easy access to common maintenance areas. Choose between the black office version or the grey in-plant cooler with a specially designed shell to hold up to the tougher factory environment, reducing scratches and making grease and dirt easier to clean up.

Office Water Cooler
- Hot, cold & ambient water
- All electronic dispenser controls
- Durable, metal construction
- 3-stage filtration system
- Ultraviolet light
- Reverse osmosis technology with internal storage tank
- Leak detection with auto shut off
- Antimicrobial coating
- 75 Gallons (280 litres) per day

In-Plant Water Cooler
- Hot, cold & ambient water
- All electronic dispenser controls
- Durable, easy to clean shell
- 3-stage filtration system
- Ultraviolet light
- Reverse osmosis technology with internal storage tank
- Leak detection with auto shut off
- Antimicrobial coating
- 75 Gallons (280 litres) per day

Ordering Information
<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>90-8709U</td>
<td>USA 110V</td>
</tr>
<tr>
<td>90-8709E</td>
<td>Europe 220V</td>
</tr>
<tr>
<td>90-8709J</td>
<td>Japan 100V</td>
</tr>
<tr>
<td>99-0119</td>
<td>Annual Replacement Kit</td>
</tr>
<tr>
<td>33-3014</td>
<td>Extra Carbon Filter for Non-RO Installations</td>
</tr>
</tbody>
</table>

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<tr>
<th>Part Number</th>
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<td>USA 110V</td>
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<tr>
<td>90-8719J</td>
<td>Japan 100V</td>
</tr>
<tr>
<td>99-0119</td>
<td>Annual Replacement Kit</td>
</tr>
<tr>
<td>33-3014</td>
<td>Extra Carbon Filter for Non-RO Installations</td>
</tr>
</tbody>
</table>

Office & In-Plant Specifications
- Cold: 37-46 F / 2-8 C
- Hot: 165-185 F / 74-85 C
- Dimensions: 45" x 16" x 16"
  1140mm x 410mm x 410mm

Note: Not all installation locations will have a drain nearby which is required for reverse osmosis. If your water quality is safe and meets the Parker Criteria found on page 9 of this brochure, you can replace the RO Membrane by ordering an additional carbon filter which is used to remove tastes and odors from your water. This will make the cooler a carbon only system.
Optional Accessories

Eco-Friendly Reusable Water Bottle  (part # 90-8712)
Made from a high quality food grade aluminum; this bottle is perfect at the desk or on the go. This eco-friendly, BPA free water bottle is the perfect size for keeping yourself hydrated while still being easy to carry around with you. With about 90% of all used plastic water bottles ending up in landfills each year, this reusable bottle isn’t just great for you, it’s also great for the environment!

Specifications
- FDA Approved Aluminum
- 600 ml capacity

TDS & Temperature Meter  (part # 99-1994)
Know your Total Dissolved Solids (TDS) and water temperature with this easy to use meter. This will read what quality of water you have coming out from your tap, or to test the performance of your reverse osmosis systems. Designed with a built in magnet for easy storage on a refrigerator or other metal surfaces.

Specifications
- 6” x 1” / 150mm x 25mm
- TDS & Temperature Reading

More than just drinking water...
Industrial and Process Water
Racor – Village Marine (VMT) has put together a series of water filtration systems giving every Parker facility globally the opportunity to enjoy safe and fresh drinking water. This series of watermakers was inspired by the successful history VMT has had with desalination through reverse osmosis. Offering solutions for all varieties of water quality criteria; from nuclear reactors to manufacturing and process water. VMT can help you meet your requirements for water treatment through our catalog or custom solutions. Visit www.villagemarine.com today for more information.

Water Solutions for
- Manufacturing
- Food Processing
- Industrial
- Process
- Ultrapure
- Commercial
- Disaster Relief
- Pleasure Marine
- Commercial Marine
- Land Based & Sea Side Resorts
- Oil and Gas
- Defense
Summary: Specifications for employee drinking water quality… enterprise wide.

1. Description:
Employee health and safety is a priority at Parker Hannifin. An element of our program is to provide clean, healthy drinking water to all employees in our workplace. This standard provides the minimum acceptable water quality that all Parker operations worldwide must meet with the drinking water provided to employees and visitors to their locations.

2. Scope:
Enterprise wide operations under Parker Hannifin control which includes manufacturing, warehouse and sales offices.

3. Definitions:
Drinking Water – Water specifically used for employee or visitor consumption at a Parker Hannifin facility or operation. Does not include water used in non-potable applications including but not limited to bathrooms, rest rooms, canteen/eating area sinks, dishwashers, non-contact cooling, outdoor use, manufacturing, contact cooling, fire system. Drinking water includes specific points of use that are designed for consumption which can include point of use (POU) units, water dispensing jugs, bottled water or standard water dispensing fountains or faucets. Water lines dedicated to fountain style drinks, used to make drinks such as lemon-ade or iced tea, or coffee/hot water dispensing units is considered drinking water. Faucets dedicated primarily to washing and cleaning are not considered Drinking Water.

Parker Water Quality Criteria – The maximum acceptable amount of specific substances permitted in drinking water.

<table>
<thead>
<tr>
<th>Constituant</th>
<th>Limit (mg/l)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum</td>
<td>0.2</td>
</tr>
<tr>
<td>Antimony</td>
<td>0.006</td>
</tr>
<tr>
<td>Arsenic</td>
<td>0.01</td>
</tr>
<tr>
<td>Barium</td>
<td>2</td>
</tr>
<tr>
<td>Beryllium</td>
<td>0.004</td>
</tr>
<tr>
<td>Cadmium</td>
<td>0.005</td>
</tr>
<tr>
<td>Chloride</td>
<td>250</td>
</tr>
<tr>
<td>Chromium (total)</td>
<td>0.1</td>
</tr>
<tr>
<td>Color</td>
<td>15</td>
</tr>
<tr>
<td>Copper</td>
<td>1</td>
</tr>
<tr>
<td>Cyanide (as free cyanide)</td>
<td>0.2</td>
</tr>
<tr>
<td>Flouride</td>
<td>2</td>
</tr>
<tr>
<td>Iron</td>
<td>0.3</td>
</tr>
<tr>
<td>Lead</td>
<td>0.015</td>
</tr>
<tr>
<td>Manganese</td>
<td>0.05</td>
</tr>
<tr>
<td>Mercury (inorganic)</td>
<td>0.002</td>
</tr>
<tr>
<td>Nickel</td>
<td>0.1</td>
</tr>
<tr>
<td>pH</td>
<td>6.5 - 8.5</td>
</tr>
<tr>
<td>Silver</td>
<td>0.1</td>
</tr>
<tr>
<td>Sulfate</td>
<td>250</td>
</tr>
<tr>
<td>Total Dissolved Solids</td>
<td>500</td>
</tr>
<tr>
<td>Total Trihalomethanes (TTHMs)</td>
<td>0.08</td>
</tr>
<tr>
<td>Zinc</td>
<td>5</td>
</tr>
</tbody>
</table>
Point of Use System (POU) –
A Point of Use System is a unit that is designed to process and deliver water for consumption. It can be as simple as a dispensing unit with or without temperature control to a system with treatment modules and control systems.

Approved Point of Use System – An Approved POU System is one in which the following elements of treatment are used in succession prior to consumption;
• Particle Filtration
• Carbon Filtration
• Reverse Osmosis Filtration
• Organic Destruction Application which can be through Activated Oxygen, UV or other equivalent method.

A Parker Hannifin POU System that meets this criteria is available through the Racor Division
Greg Sarpy
gregory.sarpy@parker.com
310-516-9911
Carson, California.

A system that does not meet criteria needs to be certified through the following procedure.

4. Procedure:
a. All Drinking Water must meet the Water Quality Criteria by end of FY13.
b. All new facilities will meet the Water Quality Criteria by occupation of the building.
c. Meeting the Water Quality Criteria can be verified through
   i. An initial water sample analysis by a lab or
   ii. Use of Approved POU System
   iii. Bottled Water that is deionized or certified to be equivalent
   iv. Water supply certified to meet Water Quality Criteria by vendor/supplier

d. On Going Verification
   i. Water Quality Criteria must be verified each time there is a change in supplied water type or brand or if there is a change in POU system.
   ii. If water sampling was used, a new sample must be checked every five years.
e. Documentation
   i. Facilities will maintain documentation of system or water quality for five years.
**How to Order**

1. **Order from a Parker Sales Company**
   To find a Parker Sales Company near you visit www.parker.com

2. **Credit or P-Cards are accepted**
   Ask for the Inside Sales Team at
   Phone number: 310 516 9911
   Fax number: 310 538 3048
   Email: vmtorders@parker.com

   Parker Hannifin Corporation
   Racor Division - Village Marine Tec.
   2630 E. El Presidio Street
   Carson, CA 90810

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**Frequently Asked Questions**

**Q** What if we already have drinking water filtration systems in our facility?
**A** It is important to make sure your system is filtering to Parker’s drinking water quality standard. If it is not, then please consider Parker supplied systems; they have been designed and manufactured to meet the Parker drinking water quality standard.

**Q** How was the water criteria determined?
**A** Parker has reviewed global water standards and created a Parker standard that meets or exceeds standards worldwide to ensure safe water.

**Q** Can we order using our Parker PCard or a credit card?
**A** Yes, send your order to vmtorders@parker.com or call 310-516-9911 and ask for Inside Sales.

**Q** When can we expect to have these delivered?
**A** Shipping begins December 2012, however you can place your pre-order today.

**Q** What about purchasing parts or getting technical support, who do we contact?
**A** Call 1 800 C-Parker or send a note to: gregory.sarpy@parker.com

**Q** How will we know when it is time to change our filters?
**A** There is not an exact time because all water quality is different giving each system different intervals. However we recommend every three months to keep your water quality clean and to use www.ServiceReminder.com which will make it easy to keep up with the POU maintenance.

**Q** Does Racor – Village Marine Tec. offer only drinking water products?
**A** Parker Racor VMT offers a wide variety of water purification solutions, from drinking water, to lab/testing critical clean water, to watermakers for fresh water, brackish water or sea water. VMT provides reverse osmosis (RO) and other filtration systems that can meet the needs of many water purification applications. Please visit www.villagemarine.com for more information, or call 310-516-9911 and ask for Technical Service.

**Q** What about those cool reusable drinking water bottles, can I buy them from VMT for our Parker employees?
**A** Yes, a Parker branded bottle is offered to help reduce plastic water bottle usage, the part number is #90-8712
Plastic water bottles: a disease to our environment

827,000 to 1.3 million tons of plastic PET (Polyethylene terephthalate) water bottles were produced in the U.S. in 2006, requiring the energy equivalent of 50 million barrels of oil. Over 75 percent of these bottles ended up in landfills. It takes about 1,100 to 2,000 times as much energy to produce and transport the average bottle of water to Los Angeles as it does to produce the same amount of tap water. [Source: CleanAir.org]

At Racor - Village Marine our goal is to change the world’s disposable water bottle habits into a combination of eco-friendly reusable bottles and our energy efficient filtration systems.

Starting with Parker’s 58,000 employees.
## Products and Parts Index Catalog

### Under-The-Counter

**Key Products**
- Under-The-Counter (90-8702)

**Replacement Parts**
- Annual Filtration Kit (99-0116)
- Sediment Filter (33-3013)
- Carbon Filter (33-3014)
- RO Membrane (33-3015)
- Sanitization Cartridge (33-3016)

### Office Water Cooler

**Key Products**
- Office Water Cooler USA (90-8709U)
- Office Water Cooler Europe (90-8709E)
- Office Water Cooler Japan (90-8709J)

**Replacement Parts**
- Annual Filtration Kit (99-0119)
- Sediment Filter (33-3013)
- Carbon Filter (33-3014)
- RO Membrane (33-3015)
- Sanitization Cartridge (33-3016)

### In-Plant Water Cooler

**Key Products**
- In-Plant Water Cooler USA (90-8719U)
- In-Plant Water Cooler Europe (90-8719E)
- In-Plant Water Cooler Japan (90-8719J)

**Replacement Parts**
- Annual Filtration Kit (99-0119)
- Sediment Filter (33-3013)
- Carbon Filter (33-3014)
- RO Membrane (33-3015)
- Sanitization Cartridge (33-3016)

### Water Softener

**Key Products**
- Water Softener (90-6070)

**Replacement Parts**
- Pre-filter (33-0052)
- Pre-filter Housing (33-0011)
- Hydro-Magnet (90-6070HM)

### Large Filter Housing

**5" X 20"**

**Key Products**
- Large Housing (33-0095)

**Replacement Parts**
- 5 Micron filter (33-0057)
- 20 Micron filter (33-0058)
- Carbon filter (33-0083)

### Medium Filter Housing

**5" X 10"**

**Key Products**
- Medium Housing (33-0011)

**Replacement Parts**
- 5 Micron filter (33-0052)
- 20 Micron filter (33-0053)
- Carbon filter (33-0315)

### Small Filter Housing

**2.5" X 10"**

**Key Products**
- Small Housing (33-1034)

**Replacement Parts**
- 5 Micron filter (33-0117)
- 20 Micron filter (33-0118)
- Carbon filter (33-0311)

### Accessories

**Key Products**
- Stainless Steel 500ml bottle (90-8712)
- TDS Meter (Magnetic) (99-1994)
Parker Filtration’s Products & Systems

Aerospace
- Filter Vessels (API/IP)
- Fluid Conditioning Monitors (Fuel & Hydraulic)
- Fuel Filter/Water Separators
- Fuel Inerting Systems (OIB/GGS)
- Fuel Loading Filters (API/IP)
- Fuel, Hydraulic, & Lubrication Filters
- Nitrogen Tire Inflation Systems

Oil & Gas
- ASME High Flow Vessels
- Compressed Air Filters & Dryers
- Compressed Air Water Separators
- Crankcase Emission Filter Systems
- Engine Fuel Filter/Water Separators
- Engine Oil & Coolant Filters
- Fluid Conditioning Monitoring Systems
- Membrane & Sterile Air Filters
- Air Intake Filters
- Fuel Dispensing Filters
- Hydraulic Filters
- Integrity Test Equipment
- Nitrogen Generators
- Mechanical Separators
- Oil/Water Separators

Food & Beverage
- Carbon Dioxide Purifiers
- Compressed Air Dryers
- Fiber & Membrane Filters
- Nitrogen Generators
- Stainless Steel Filter Housings
- Steam & Sterile Air Filters
- Validation Test Equipment
- Water Chillers
- Water Filters

Power Generation & Renewable Energy
- Air Intake Filters
- ASME High Flow Vessels
- Bioenergy Water Chillers
- Crankcase Emission Filter Systems
- Engine Fuel Filter/Water Separators
- Fluid Condition
- Monitoring Systems
- Fuel Dispensing Filters
- Load Tap Filters
- Hydrogen Generators
- Magnetic Prefilters
- Nitrogen Generators
- Portable Hydraulic Systems
- Water Sensors

Industrial & Plant Equipment
- ASME Coded Vessels
- Compressed Air Filters
- Condensate Management
- Contamination Monitoring
- Desiccant Dryers
- Membrane Filters & Dryers
- Refrigerated Dryers
- Hydraulic Filters
- Oil/Water Separators
- Process Filters
- Portable Hydraulic Systems
- Refrigerated Dryers
- Hydration Gas Generators
- Nitrogen TriGas Systems
- Sterile Water Filters
- Syringe Filters

Transportation & Mobile Equipment
- Air Intake Filters
- Alternative Fuel Filters
- ASME High Flow Vessels
- Crankcase Emission Systems
- Fuel Delivery Systems
- Fuel Dispensing Filters
- Fuel Filter/Water Separators
- Multi-stage Filter Systems
- High Pressure Natural Gas Filters
- Nitrogen Tire Inflation Systems
- Suction & Return Line Hydraulic Filters
- Transmission Filters
- Truck & Railway Dryers

Life Sciences
- Breathing Air Filters & Systems
- Chillers
- Compressed Air Filters
- Filter Integrity Analyzers
- Gas Sterilization Filters
- High Purity Gas Filters
- Hydrogen Gas Generators
- Nitrogen TriGas Systems
- Sterile Water Filters
- Syringe Filters

Water Purification
- Desalination & Purification Systems
- Oil Absorption Filters
- Oil/Water Separators
- Pleated Filter Cartridges
- Stainless Steel Prefiltration Vessels
- Sterile Water Filters

Marine
- Air Intake Filters
- ASME High Flow Vessels
- Crankcase Emission Filter Systems
- Fuel Dispensing Filters
- Engine Fuel Filter/Water Separators
- Engine Oil & Coolant Filters
- Gasoline Filters
- Hydraulic Filters
- Hydrocarbon Fluid Filters
- Oil/Water Separators
- Submarine CO2 Reduction Units
- Water Desalination & Purification Systems
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).
## Worldwide Filtration Manufacturing Locations

### North America

**Compressed Air Treatment**

Filtration & Separation/Balston
Haverhill, MA
978 858 0505
www.parker.com/balston

**Finite Airtek Filtration**

Airtek/donnick hunter/Zander
Lancaster, NY
716 696 6400
www.parker.com/faf

**Finite Airtek Filtration/Finite**

Oxford, MI
248 628 6400
www.parker.com/finitefilter

**Engine Filtration & Water Purification**

Racor
Modesto, CA
209 521 7880
www.parker.com/racor

**Racor**

Holly Springs, MS
662 252 2656
www.parker.com/racor

**Racor – Village Marine Tec.**

Carson, CA
310 516 9911
desalination.parker.com

**Hydraulic Filtration**

Hydraulic Filter
Metamora, OH
419 644 4311
www.parker.com/hydraulicfilter

Laval, QC Canada
450 629 9594
www.parkerfarr.com

**Process Filtration**

donnick hunter Process Filtration
Oxnard, CA
805 604 3400
www.parker.com/processfiltration

### Europe

**Compressed Air Treatment**

donnick hunter Filtration & Separation
Gateshead, England
+44 (0) 191 402 9000
www.parker.com/dhfns

**Parker Gas Separations**

Etten-Leur, Netherlands
+31 76 508 5300
www.parker.com/dhfns

**Hiross Zander**

Padova Business Unit
Padova, Italy
+39 049 9712 111
www.parker.com/hzd

**Hiross Zander**

Essen Business Unit
Essen, Germany
+49 2054 9340
www.parker.com/hzd

**Engine Filtration & Water Purification**

Racor
Dewsbury, England
+44 (0) 1924 487 000
www.parker.com/rfd

**Racor Research & Development**

Stuttgart, Germany
+49 (0)711 7071 290-10
www.parker.com/rfd

**Hydraulic Filtration**

Hydraulic Filter
Arnhem, Holland
+31 26 3760376
www.parker.com/hfde

**Urjala Operation**

Urajala, Finland
+358 20 753 2500
www.parker.com/hfde

**Condition Monitoring Center**

Norfolk, England
+44 1842 763 299
www.parker.com/hfde

### Asia Pacific

**Australia**

Castle Hill, Australia
+61 2 9634 7777
www.parker.com/australia

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+86 21 5031 2525
www.parker.com/china

**India**

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+91 22 651 370 815
www.parker.com/india

**Japan**

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+81 45 870 1522
www.parker.com/japan

**Korea**

Hwaseon-City
+82 31 359 0852
www.parker.com/korea

**Singapore**

Jurong Town, Singapore
+65 6887 6300
www.parker.com/singapore

**Thailand**

Bangkok, Thailand
+66 2 186 7000
www.parker.com/thailand

### Latin America

**Parker Comercio Ltda.**

Filtration Division
Sao Paulo, Brazil
+55 11 4009 3500
www.parker.com/br

**Pan American Division**

Miami, FL
305 470 8800
www.parker.com/panam

### Africa

**Aeroport Kempton Park, South Africa**
+27 11 9610700
www.parker.com/africa

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