

PureWaterCoolers

by **VERTEX**

Point-of-Use Water Dispensers **Models for Every Need**

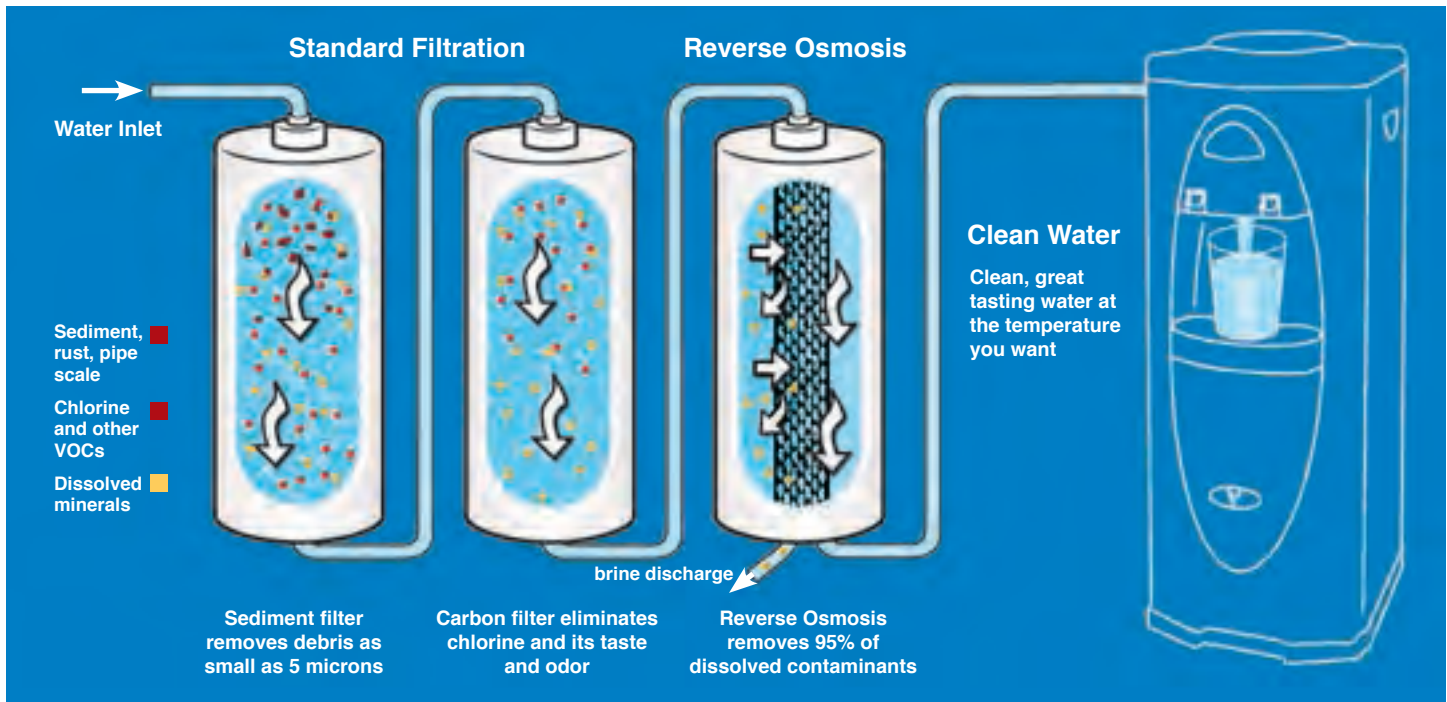


VERTEX[®]

Water Products

Water Filtration & OCS Supplies

PureWaterCooler™ Essentials



City water treatment removes dirt and debris while adding chlorine to prevent the spread of diseases, producing unpleasant taste and odor in municipal water. However, it does not remove the dissolved minerals and contaminants from the water. With the increasing pollution of our surface and ground water with natural or man-made contaminants such as nitrates, perchlorates, and pesticides, it is more important than ever to have a way to remove them at the point of use. **VERTEX** offers two ways to make clean, great tasting water at the point-of-use.

Choosing the right filter system to get clean, great tasting water is easy with the available PureWaterCooler filtration options.

The **Standard Filtration** System first uses a sediment filter to remove particles such as sand and rust as small as 5-microns. The second-stage activated-carbon filter eliminates chlorine and its taste and odor.

The **Reverse Osmosis** filtration system shown in the illustration removes an average of 95% of dissolved contaminants from the water. Our 3-stage Reverse Osmosis (RO) system uses the same two stages of standard filtration and adds the RO membrane to remove dissolved minerals and contaminants at the molecular level including those that cause scale deposits. See chart for typical removal rates.

Most parts of the U.S. have water hardness of 5 grains/gal or higher which should be removed to protect the heating element from scale and insure its maximum service life. It is also possible to reduce scaling in the system where RO is not an option or desired by adding a phosphate cartridge (see page 37).

HOW DOES THE VERTEX POINT-OF-USE COOLER WORK?

Incoming water is filtered using Standard or RO filtration (described previously) and then sent to be cooled or heated in reservoirs controlled by a float-valve shut-off.

Cold water is made using a mechanical refrigeration-compressor located inside the cabinet. The compressor pumps cooled refrigerant through coils wrapped around the stainless-steel cold water tank, cooling the water and causing an “ice-ring” to form inside the tank. This “ice-ring” technology enables the cooling tank to provide more cold water over a longer period of time.

Hot water is produced by an electrical heating element inside a separate tank. The temperature of the water is controlled by a sensor attached to the outside of the tank which is set at 180°F. A special second sensor shuts off the power on all models if the water temperature climbs above 220°F.

Options/Accessories

An **Ultraviolet Light Stage** can be added to kill bacteria in untreated well-water systems or where the water quality is uncertain. The UV-light must be replaced yearly to maintain its effectiveness. See page 62 for details.

The **Ozone Sanitizer** option kills bacteria growth by diffusing ozone into the water in the holding tank automatically once every 24 hours. Ozone is a highly energetic oxidizer like chlorine, and is effective in small quantities. The ozone generator system is a factory-installed option described on page 62.

Water Pressure: Incoming water pressure should be no less than 40 psig and no greater than 90 psig for the RO system (The system specification is a max of 100 psig). A system with standard filtration can operate with pressure as low as 20 psig. A simple low cost water-pressure meter is available to test the water pressure and insure proper operation. See page 42.

Water Quality: Hard water can damage the heating element and shorten its useful life. If hardness is above 5 grains/gal, the cooler should be equipped with a RO filter system to remove the minerals. Below 5 grains/gal, the standard filter system may be used. Information on water hardness can be obtained from the local water department or by using the Vertex Hardness Testing Strips seen on page 42.

System Support: We offer an extensive repair manual with photographs which describes the repair/replacement of components. We carry a full line of parts and replacement filters. See page 65 for filters, consult factory for parts.

Water Damage Prevention: The owner's manual describes safe installation and operation procedures for the coolers. The best way to prevent accidental water damage is to add a leak detector/shut-off system to the dispenser's water supply or a water control valve for point-of-entry applications. See leak detector option described on page 63.

Compliance: All water-bearing materials in the Vertex water coolers comply with the Safe Water Drinking Act amendment of 1996, and are in compliance with NSF standard 61, section 9.

Typical Reverse Osmosis Contaminant Removal Rates

Aluminum	86%
Arsenic	94%
Barium	96%
Bicarbonate	90%
Borate	30%
Bromide	87%
Cadmium	96%
Calcium	94%
Chloride	87%
Chromate	86%
Chromium	96%
Copper	98%
Cyanide	86%
Detergent	97%
Ferrocyanide	98%
Fluoride	87%
Herbicides	97%
Insecticides	97%
Lead	97%
Magnesium	96%
Manganese	95%
Mercury	96%
Nickel	98%
Nitrate	80%
PCBs	97%
Perchlorate	96%
Phosphate	96%
Potassium	87%
Radium	80%
Selenium	94%
Silicate	85%
Silver	93%
Sodium	87%
Spores	99.9%
Strontium	96%
Sulfate	97%
Thiosulfate	96%
Zinc	98%

Factory Tests at 65psi and 77°F.

Actual rates may vary.

Safe Dispensing Solutions

KEEP USERS SAFE FROM THE SPREAD OF PATHOGENS IN THE WORKPLACE WITH THESE TOUCHLESS AND FOOT-SWITCH OPERATED COOLERS.



Touchless Dispensing

The new Vertex Touchless dispense system uses a proximity sensor that operates the cooler and provides touchless and totally hygienic operation to prevent the spread of pathogens in the workplace. Simply place glass in the fill area and hold hand in front of the sensor to unlock. When the sensor beeps, the cooler is ready to dispense water. Switch hand position to the hot-water or cold-water position, dispense the water and go!



Touchless Sensor Module includes Time Dispense Lockout for Safety

The touch control functions on the cooler remain fully operational. Compatible Vertex coolers can be converted to Touchless operation in the field with the new Hands-Free kit.

Hands Free Dispensing

Foot-switch for Hands-Free cold water dispensing – see page 49.



Touchless PureChill Models



PureChill 900HF

Countertop
with Proximity
Sensor and
safety lock

13" W x 18" D x 16.5" H
10" tall fill area

Features

- Includes PureChill cooling technology (see page 52)
- Safe, Touchless dispensing
- No need for expensive UV and Ozone in tank sanitizers
- Built-In dual leak detectors
- Integrated filter monitor
- 10" tall fill opening for larger bottles & cups

Keep users safe in break rooms, small offices and wet bars with easy Touchless operation. The manual touch control functions remain fully operational. Fits on countertops in homes and offices and can serve up to 30 people. The closed, pressurized dispense system admits no environmental contaminants and delivers a faster flow of water directly to your cup. The 10" tall opening allows easy refill of large water bottles and mugs.

ORDERING INFORMATION

2-Temp Hot & Cold - Standard Filtration Cooler Add-Ons and Accessories	PWC-900HF/F see page 62
Filter Replacement Kits	see page 65

PWC-900HF SPECIFICATIONS: Shipping Weight: 50 lb. Cooling Rate: 2.8 gal/hr 37-50 °F; Hot tank volume .5 gal; Heating Rate: 1.3 gal/hr 180 °F; Voltage: 115 VAC; Power: 600w max. Connection hardware included



PureChill 9500HF

Cooling
On-Demand
with Touchless
feature

*Integrated
cupholder,
taller cabinet
and larger
dispense area*

13" W x 18" D x 51.5" H
10" tall fill area

This full-standing PureChill cooler offers Touchless Dispense of hot and cold water for offices up to 50 people. The stylish design fits into modern homes and offices. The extra cabinet space below can house a 100 GPD RO system or be used for storage. The 10" tall opening allows easy refill of large water bottles and mugs. Comes in attractive silver and gray.

ORDERING INFORMATION

2-Temp Hot & Cold - 100 GPD RO	PWC-9500HF/R*
2-Temp Hot & Cold - Standard Filtration Cooler Add-Ons and Accessories	PWC-9500HF/F see page 62
Filter Replacement Kits	see page 65

PWC-9500HF SPECIFICATIONS: Shipping Weight: 81 lb. Cooling Rate: 2.8 gal/hr 37-50 °F; Hot tank volume .5 gal; Heating Rate: 1.3 gal/hr 180 °F; Voltage: 115 VAC; Power: 600w max. Connection hardware included

*Includes 2.5 gallon bladder tank for pressurized water storage

Touchless Executive Models

PWC 450HF

Countertop
with Safe
Touchless
Dispensing



13" W x 18" D x 16.5" H
10" tall fill area

Features

- Safe Touchless dispensing
- Pressurized dispense system
- Higher flow dispensing countertop & floorstanding
- 10" tall fill opening for larger bottles & cups
- Illuminated dispense area
- Touch control functions remain fully operational
- Touchless Sensor Module includes Time Dispense Lockout for Safety

Make safety a priority with Touchless dispensing in homes and offices. A wave of the hand dispenses delivers a continuous supply of clean, great tasting water for up to 30 people. The manual touch control functions remain fully operational.

ORDERING INFORMATION

2-Temp Hot & Cold - Standard Filtration	PWC-450HF/F
Cooler Add-Ons and Accessories	see page 62
Filter Replacement Kits	see page 65

PWC-450 SPECIFICATIONS: Shipping Weight: 45 lb. Cold tank volume 1 gal; Hot tank volume .5 gal; Cooling Rate: 1.5 gal/hr 37-50 °F; Heating Rate: 1.5 gal/hr 180 °F; Voltage: 115 VAC; Power: 600w max. Connection hardware included

PWC 4500HF

Floor Standing
2 Temp Cooler
with Sleek Design

*Integrated
cupholder,
taller cabinet
and larger
dispense area*



13" W x 18" D x 51.5" H
10" tall fill area

Touchless hot and cold water dispenser for offices up to 30 people. The stylish design fits into modern homes and offices. The extra cabinet space below can house a 100 GPD RO system or be used for storage. The 10" tall opening allows easy refill of large water bottles and mugs.

ORDERING INFORMATION

2-Temp Hot & Cold - 100 GPD RO	PWC-4500HF/R*
2-Temp Hot & Cold - Standard Filtration	PWC-4500HF/F
Cooler Add-Ons and Accessories	see page 62
Filter Replacement Kits	see page 65

PWC-4500 SPECIFICATIONS: Shipping Weight: 76 lb. Cold tank volume 1 gal; Hot tank volume .5 gal; Cooling Rate: 1.5 gal/hr 37-50 °F; Heating Rate: 1.5 gal/hr 180 °F; Voltage: 115 VAC; Power: 600w max. Connection hardware included

*Includes 2.5 gallon bladder tank for pressurized water storage

Touchless Conversion Kit



Change compatible coolers to touchless operation in the field with the CL4-9368 conversion kit. Includes sensor tower, replacement circuit board, connection cable, mounting tape and instructions. Adds 4.5" to height.

Connection cable long enough to allow for alternate sensor tower location.

Compatible with the **PWC-450** and the Purechill models **PWC-900** and **PWC-9500**.

ORDERING INFORMATION

Touchless Conversion Kit **CL4-9368**

Hands Free Dispensing with Footswitch



Stylish 2-Temp cooler with foot-switch for hands-free cold water dispensing. Need to touch the cooler – simply hold the foot lever down and watch the chilled water fill your glass. (Hot water dispense requires button push). The control panel operates normally for Hot & Cold water. The foot-switch is mounted to a bracket, fastened to the bottom of the cabinet. The door swings free for easy filter replacement or storage. Some assembly required (see page 58 for complete PWC-1800 information).

ORDERING INFORMATION

2-Temp Hot & Cold - 50 GPD Reverse Osmosis
 2-Temp Hot & Cold - Standard Filtration
 Filter Replacement Kits
 Cooler Add-Ons and Accessories

PWC-1800PD/R
PWC-1800PD/F
 see page 57
 see page 62

PWC-1800PD SPECIFICATIONS: Shipping Weight: 58 lb.; Cold tank volume 1 gal; Hot tank volume .5 gal; Cooling Rate: 1.5 gal/hr 37-50 °F; Heating Rate: 1.5 gal/hr 180 °F; Voltage: 115 VAC; Power: 600w max. Connection hardware included



PWC-8000 Features

- Makes up to 20 pounds of Cubed or Crushed Ice a day
- 11 pounds of ice storage in refrigeration compartment
- No drain required
- 2-Temp system: Hot (185° F) or Room temperature water
- LED indicator on the front panel
- Hygienic dispensing touch pad control with recessed dispensing nozzle
- Illuminated dispense buttons & lighted fill area
- Hot water faucet safety lock
- Stainless Steel Hot water reservoir
- Separate On/Off buttons for ice and hot water allow energy saving when not in use
- NSF Certified RO and Filtration Optional
- Point-of-Use or Bottled Water option allows flexibility
- Filtration/bottle compartment is easily accessed through the lower front door for replacement

This floorstanding Ice-Making dispenser offers crushed or crescent ice with Hot and Room temperature water dispensing. It makes up to 20 pounds of ice a day and can store 11 lb. in the consumer style refrigeration compartment. The dual evaporator refrigerated compartment keeps ice frozen and available anytime so no drain is required. The ice-maker automatically stops making ice when the bin is full, and the ice bin, with built-in auger, slides out easily for convenient cleaning. A hot-gas defrost system makes the unit frost-free and maintenance free.

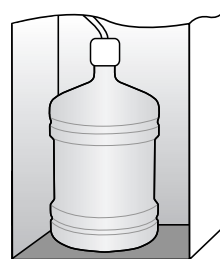
PWC-8000

Premium Ice-Making Cooler

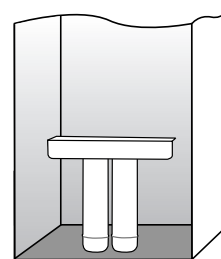
Flexible design allows for use with bottled water or built-in filtration



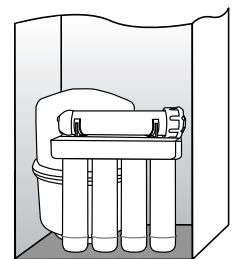
18"W x 20"D x 59"H



Bottled Water



Standard Filtration



RO Filtration

PWC-8000 SPECIFICATIONS:

Dimension: 18"W x 20"D x 59"H
 Weight: 120 lb.
 Hot tank volume .6 gal
 Heating Rate: 1.5 gal/hr 185 °F
 Voltage: 115 VAC

Power Required: 600w max
 Automatic tank full control
 Connection hardware included
 Some assembly required



ORDERING INFORMATION

Bottle-less Ice Dispenser with RO

PWC-8000R

Bottle-less Ice Dispenser with Std filtration
 Ice Dispenser

PWC-8000F

PWC-8000

PWC-850

Countertop Ice-Making Dispenser



18.3"W x 23"D x 31"H

Common Features

- Makes up to 20 pounds of Ice a day
- 11 pounds of ice storage in refrigeration compartment
- Dual Evaporator cooling system and freezer compartment keeps ice frozen and available so no drain is required
- Ice bin slides out for ice retrieval and easy cleaning
- Ice-maker stops when compartment is full
- Frost-Free operation
- 1 year limited warranty

This Ice & Water Dispenser provides room-temperature water and crescent ice in a single compact system. The built-in ice-maker makes up to 20 pounds of ice per day and can store up to 11 lbs. at one time. The dual evaporator refrigerated compartment keeps ice frozen and available anytime so no drain is required. It has easy-to-use touch-sensor dispensing buttons and a recessed faucet that are designed to withstand years of use and eliminate hand contact for better hygiene. The ice bin with built-in auger slides out easily for convenient cleaning.

ORDERING INFORMATION

Ice-Making Water Dispenser

PWC-850

PWC-850 SPECIFICATIONS:

Weight: 100 lb.
Ice-Making Rate: 20 lbs. per day
Ice storage capacity: 11 lbs.
Voltage: 115 VAC

Power Required: 325w max
Comes fully assembled
UL listed Ice Maker



PWC-801

Compact Countertop Ice-Maker



15.5"W x 21.5"D x 17.75"H

The compact countertop Ice Maker is less than 18" tall and fits on any countertop and under most cabinets. It makes up to 20 pounds of ice per day and can store up to 11 lbs. at one time. The refrigerated compartment keeps ice cubes frozen and available anytime so no drain is required. The ice bin slides out to retrieve ice and for easy cleaning. Use the supplied scoop to retrieve your freshly made ice. The ice-maker automatically stops making ice when the bin is full. A hot-gas defrost system makes the unit frost-free and maintenance free.



Retrieve ice with supplied scoop

ORDERING INFORMATION

Counter-Top Ice-Maker

PWC-801

PWC-801 SPECIFICATIONS:

Weight: 50 lb.
Ice-Making Rate: 20 lbs. per day
Ice storage capacity: 11 lbs.
Voltage: 115 VAC

Power Required: 220w max
Comes fully assembled
UL listed Ice Maker



PureChill™

Premium Water Dispensers

2-Temp cooler models bring innovation for safer water with less hassle.

The newest **VERTEX PureWaterCoolers** use **PureChill™** Technology to eliminate the need for an open reservoir for cold water storage. The closed system keeps environmental contaminants out so there is no need for costly in-tank sanitization. Water is chilled on demand when it passes through the cooling chamber to the faucet. An Integrated Filter Monitor ensures freshly filtered water every time and the Auto Safety-Shut-Off Valve provides peace of mind.

The sturdy cabinets have steel subframe and side panels, ABS front and top covers, and a high impact appliance finish that is easy to clean and keep looking like new.

Common Features

- No need for expensive UV and Ozone in tank sanitizers
- Integrated Filter Monitor ensures freshly filtered water
- Auto Safety-Shut-Off Valve provides peace of mind
- Two temperature system
 - Cold: 37-50° F, Adjustable • Hot: 180° F, Autocontrol
- LED indicator for Hot and Cold water on the front panel
- Tall fill opening allows larger cups, mugs or bottles
- Hygienic dispensing touch pad control with no-touch dispensing faucet
- Easy to clean control panel
- Individual on/off control switches for cold and hot water
- Built-in filtration system is easily accessed for replacement
 - Available with Reverse Osmosis filtration system
 - Or Standard Dual-Cartridge filtration system
- 1 year limited warranty - 3 year compressor warranty



PureChill Cooling Technology



ProTekk Auto-Safety Shut-off valve

PureChill 9100

**Cooling
On-Demand
Hot and Cold
Dispenser**

*Fits any office
or break room
needs*



Integrated Filter Monitor



13" W x 15" D x 41.5" H
8" tall fill area

Dispenses hot and cold water for offices up to 40 people. The stylish design fits into modern homes and offices. The tall fill opening allows larger cups, mugs or reusable bottles. The closed, pressurized dispense system admits no environmental contaminants and delivers a faster flow of water directly to your cup.

ORDERING INFORMATION

2-Temp Hot & Cold - 100 GPD Reverse Osmosis	PWC-9100R
2-Temp Hot & Cold - Standard Filtration	PWC-9100F
Cooler Add-Ons and Accessories	see page 62
Filter Replacement Kits	see page 65

PWC-9100 SPECIFICATIONS: Shipping Weight: 60 lb.
Cooling Rate: 2.8 gal/hr 37-50 °F; Hot tank volume .5 gal;
Heating Rate: 1.3 gal/hr 180 °F; Voltage: 115 VAC; Power: 600w max.
Connection hardware included

PureChill 900

**Low Profile
Countertop
fits Under
Standard
Cabinets**



13" W x 18" D x 16.5" H
10" tall fill area



Side panel removes for
easy access to filters

Great for stylish break rooms, small offices and wet bars. At only 16.5" tall, this unit fits on counters under standard cabinets in homes and offices and can serve up to 30 people. The 2-temperature single dispensing faucet comes with a dual-button Hot-Water safety feature and no-touch dispensing faucet. The closed, pressurized dispense system admits no environmental contaminants and delivers a faster flow of water directly to your cup. The 10" tall opening allows easy refill of large water bottles and mugs.

ORDERING INFORMATION

2-Temp Hot & Cold - Standard Filtration
Cooler Add-Ons and Accessories
Filter Replacement Kits

PWC-900F
see page 62
see page 65

PWC-900 SPECIFICATIONS: Shipping Weight: 50 lb.
Cooling Rate: 2.8 gal/hr 37-50 °F; Hot tank volume .5 gal;
Heating Rate: 1.3 gal/hr 180 °F; Voltage: 115 VAC; Power: 600w max.
Connection hardware included

PureChill 9500

**Cooling
On-Demand
with more
features**

*Integrated
cupholder,
taller cabinet
and larger
dispense area*



13" W x 18" D x 51.5" H
10" tall fill area

This PureChill cooler with the most advanced features dispenses hot and cold water for offices up to 50 people. The stylish design fits into modern homes and offices. The extra cabinet space below can house a 100 GPD RO system or be used for storage. The 10" tall opening allows large water bottles and mugs. Comes in attractive silver and black.

ORDERING INFORMATION

2-Temp Hot & Cold - 100 GPD RO membrane
2-Temp Hot & Cold - Standard Filtration
Cooler Add-Ons and Accessories
Filter Replacement Kits

PWC-9500R*
PWC-9500F
see page 62
see page 65

PWC-9500 SPECIFICATIONS: Shipping Weight: 81 lb.
Cooling Rate: 2.8 gal/hr 37-50 °F; Hot tank volume .5 gal;
Heating Rate: 1.3 gal/hr 180 °F; Voltage: 115 VAC; Power: 600w max.
Connection hardware included

*Includes 2.5 gallon bladder tank for pressurized water storage

2 Temperature Water Dispensers

Economic models with filtration make safe, great tasting water from the tap at the temperature your customers want.

Eliminate hassling with 5-gallon bottles.

Common Features

- Cold: 37-50° F, Adjustable • Hot: 180° F, Autocontrol
- LED indicator for hot or cold water on the front panel
- Sealed compressor cooling system with thermostat
- Individual switches for hot & cold water on rear panel
- Child safety lock for hot water faucet
- Type 304 Stainless steel hot and cold tanks
- Convenient, enclosed, no-drip dispensing faucets
- Built-In filtration system is front door accessible
- 1 year limited warranty - 3 year compressor warranty

The **VERTEX PureWaterCoolers** replace existing bottled water dispensers while saving money and the hassle of lifting and storing heavy 5 gallon containers. These 2 temperature water coolers use the existing water source to make a continuous supply of clean, great tasting water at the point of use. Choose with **Reverse Osmosis** filtration for crystal clear water and the removal of minerals that cause scale deposits in coffeemakers and other fixtures. Use the **Standard Filtration** version for areas with softer water (under 5 grains of hardness), for fresh tasting water. There are 2 options for point-of-use sterilization where water quality is uncertain or to reduce maintenance and cleaning (see page 62). The filter assembly is front door accessible for easy access and filter replacement.



Filter assembly is front door accessible

PWC 1000T

Our most Popular Hot and Cold Dispenser

Fits any office or break room needs



13" W x 15" D x 42.5" H
8" tall fill area

Our most popular model dispenses hot and cold water for offices up to 40 people. Use in break rooms and small offices where economy and quality are needed.

ORDERING INFORMATION

2-Temp Hot & Cold - 50 GPD Reverse Osmosis	PWC-1000TR
2-Temp Hot & Cold - Standard Filtration	PWC-1000TF
Executive Gray Cabinet	add / EG
2-Temp model with UV sterilizer (details on page 60)	add / UV
2-Temp model with Ozone sanitizer (details on page 60)	add / OZ
Leak Detector option (details on page 61)	add / LDM
Cooler Add-Ons and Accessories	see page 62
Filter Replacement Kits	see page 65

PWC-1000 SPECIFICATIONS: Shipping Weight: 59 lb. Cold tank volume 1 gal; Hot tank volume .5 gal; Cooling Rate: 1.5 gal/hr 37-50 °F; Heating Rate: 1.5 gal/hr 180 °F; Voltage: 115 VAC; Power: 600w max. Connection hardware included

PWC 500
Countertop Version of the PWC-1000
Great for small offices and break rooms



13" W x 15" D x 19.5" H ►
 8" tall fill area



This Hot and Cold countertop model serves offices up to 40 people. The best choice where space is at a premium. Delivers a continuous supply of hot and cold water when you need it. Add the filter-pack option or provide your own filtered water.

ORDERING INFORMATION

- 2-Temp Hot & Cold - 50 GPD RO Filter Pack **PWC-500/FPR**
- 2-Temp Hot & Cold - Standard Filter Pack (shown) **PWC-500/FP**
- 2-Temp Hot & Cold Dispenser only **PWC-500**
- Executive Gray Cabinet add /**EG**
- Cooler Add-Ons and Accessories see page **62**
- Filter Replacement Kits see page **65**

PWC-500 SPECIFICATIONS: Shipping Weight: 42 lb. Cold tank volume 1 gal; Hot tank volume .5 gal; Cooling Rate: 1.5 gal/hr 37-50 °F; Heating Rate: 1.5 gal/hr 180 °F; Voltage: 115 VAC; Power: 600w max. Connection hardware included

PWC 1010
Low Cost Room and Cold Dispenser
Use anywhere hot water safety or liability is a concern



13" W x 15" D x 38" H ►
 8" tall fill area

This Room and Cold temperature model serves offices up to 40 people and is the right choice for public areas or where liability is an issue. Same cooling operation as the PWC-1000 but without the hot water feature.

ORDERING INFORMATION

- 2-Temp Cook&Cold- 50 GPD Reverse Osmosis **PWC-1010R**
- 2-Temp Cook&Cold - Standard Filtration **PWC-1010F**
- 2-Temp model with UV sterilizer (details on page 60) add /**UV**
- 2-Temp model with Ozone sanitizer (details on page 60) add /**OZ**
- Leak Detector option (details on page 61) add /**LDM**
- Cooler Add-Ons and Accessories see page **62**
- Filter Replacement Kits see page **65**

PWC-1010 SPECIFICATIONS: Shipping Weight: 59 lb. Cold tank volume 1 gal; Room tank volume .5 gal; Cooling Rate: 1.5 gal/hr 37-50 °F; ; Voltage: 115 VAC; Power: 600w max. Connection hardware included

PureWaterCoolers with Exciting Bold Design

These stylish coolers look great in upscale homes and offices and make safe, great tasting water from the tap.

Eliminate hassling with 5-gallon bottles.

Common Features

- Two temperature system
Cold: 37-50° F, Adjustable • Hot: 180° F, Autocontrol
- LED indicators for Hot and Cold power on front panel
- Built-In Reverse Osmosis or standard filtration system
- Individual on/off switches for hot & cold power on rear panel
- Type 304 stainless steel cold reservoir and hot tank
- Convenient, recessed, no-drip dispensing faucets
- High efficiency sealed compressor cooling system
- Available with ultraviolet or ozone sterilizer
- 1 year limited warranty – 3 year compressor warranty

A **VERTEX PureWaterCooler** will compliment any modern office with its sleek design and exceptional operation. These 2-temperature water coolers use the existing water source to make a continuous supply of clean, great tasting water at the point of use. Choose models with **Reverse Osmosis** filtration for crystal clear water and the removal of minerals that cause scale deposits in coffeemakers and other fixtures. Use the **Standard Filtration** version for areas with softer water (under 5 grains of hardness), for fresh tasting water.

PureWaterCoolers have enclosed no-drip faucets. Designed to withstand years of use, the recessed faucet is more hygienic by preventing hand contact as well as any contamination getting into the cooler from spigot nozzle. There are 2 options for point-of-use sterilization where water quality is uncertain or to reduce maintenance and cleaning (see page 62).



Filter assembly is front door accessible for easy access and filter replacement.

PWC 1500

2 Temp Cooler with Bold Look

Exciting new look for your most discriminating customers



Executive gray option



13" W x 15" D x 41.5" H
8" tall fill area

With the reliable features of our standard PWC-1000 model this model serves offices up to 40 people. The stylish design fits into modern offices and comes in two colors: standard executive gray or silver & black option.

ORDERING INFORMATION

2-Temp Model - 50 GPD Reverse Osmosis	PWC-1500R
2-Temp Model - Standard Filtration	PWC-1500F
Silver and Black Cabinet option	add /S
2-Temp model with UV sterilizer (details on page 60)	add /UV
2-Temp model with Ozone sanitizer (details on page 60)	add /OZ
Leak Detector option (details on page 61)	add /LDM
Cooler Add-Ons and Accessories	see page 62
Filter Replacement Kits	see page 65

PWC-1500 SPECIFICATIONS: Shipping Weight: 58 lb. Cold tank volume 1 gal; Hot tank volume .5 gal; Cooling Rate: 1.5 gal/hr 37-50 °F; Heating Rate: 1.5 gal/hr 180 °F; Voltage: 115 VAC; Power: 600w max. Connection hardware included

PWC 400

**Low Profile
Countertop
fits Under
Standard
Cabinets**



Side panel removes for easy access to filters

13" W x 18" D x 16.5" H
10" tall fill area

Special Features

- Reverse Osmosis available in a countertop unit
- Built-In leak detector
- 8" tall fill opening for larger bottles & cups

Great for stylish break rooms, small offices and wet bars. At only 16.5" tall, this unit fits on counters under standard cabinets in homes and offices and can serve up to 30 people. The 2-temperature single dispensing faucet comes with a dual-button Hot-Water safety feature and no-touch dispensing faucet. The 8" tall opening allows easy refill of large water bottles and mugs. Comes in attractive silver and gray.

ORDERING INFORMATION

2-Temp Dispenser - 50 GPD Reverse Osmosis	PWC-400R
2-Temp Dispenser - Standard Filtration	PWC-400F
2-Temp model with UV sterilizer (details on page 60)	add /UV
Cooler Add-Ons and Accessories	see page 62
Filter Replacement Kits	see page 65

PWC-400 SPECIFICATIONS: Shipping Weight: 48 lb. Cold tank volume .75 gal; Hot tank volume 1 qt; Cooling Rate: 1.5 gal/hr 37-50 °F; Heating Rate: 1.5 gal/hr 180 °F; Voltage: 115 VAC; Power: 600w max. Connection hardware included

PWC 7000

**Largest
Capacity
with built-in
cup-holder**

**6.3 Gallon
reservoir with
100 GPD
RO membrane**



Built-in cup-holder

17" W x 17" D x 47" H
8" tall fill area

Our largest cooler with the most storage capacity at 6.3 gallons. Serves offices with up to 70 people. The 8" opening allows larger mugs and bottles easy access for refills. Has extra storage for cups, coffee or other sundries.

ORDERING INFORMATION

2-Temp Model - 100 GPD Reverse Osmosis	PWC-7000R
2-Temp Model - Standard Filtration	PWC-7000F
2-Temp model with UV sterilizer (details on page 60)	add /UV
2-Temp model with Ozone sanitizer (details on page 60)	add /OZ
Leak Detector option (details on page 61)	add /LDM
Cooler Add-Ons and Accessories	see page 62
Filter Replacement Kits	see page 65

PWC-7000 SPECIFICATIONS: Shipping Weight: 80 lb. Main tank volume 4.4 gal; Cold tank volume 1.1 gal; Hot tank volume 1.0 gal; Cooling Rate: 1.5 gal/hr 37-50 °F; Heating Rate: 1.5 gal/hr 180 °F; Voltage: 115 VAC; Power: 600w max. Connection hardware included

PureWaterCoolers with Executive Office Style

2-Temp Coolers with great style and features

PWC 450

Low Profile
Countertop
fits Under
Standard
Cabinets



13"W x 18"D x 16.5"H
10" tall fill area



Side panel removes for
easy access to filters

Special Features

- Higher flow dispensing compact countertop
- 10" tall fill opening for larger bottles & cups
- Illuminated dispense area

2-temp, 16.5" tall, bottle-less cooler fits under standard cabinets. Use the existing water source to make a continuous supply of clean, great tasting water for up to 30 people. The 2-temp single dispensing faucet comes with a dual-button Hot Water safety feature and the pressurized dispense system creates a faster flow of water. The LED lighted, 10" tall opening allows easy refill of large water bottles and mugs.

ORDERING INFORMATION

2-Temp Hot and Cold Model - Standard Filtration	PWC-450F
2-Temp Hot and Cold Dispenser	PWC-450
Leak Detector option (details on page 61)	add / LDM
Cooler Add-Ons and Accessories	see page 62
Filter Replacement Kits	see page 65

PWC-450 SPECIFICATIONS: Shipping Weight: 45 lb. Cold tank volume 1 gal; Hot tank volume .5 gal; Cooling Rate: 1.5 gal/hr 37-50 °F; Heating Rate: 1.5 gal/hr 180 °F; Voltage: 115 VAC; Power: 600w max. Connection hardware included

PWC 1800

Hygienic -
touch pad
control and
push button
dispensing
faucet

*Integrated cup
holder and
illuminated
fill area*



13"W x 15"D x 41.5"H ▶
8" tall fill area

Hot and cold dispenser with executive styling and electronic no touch dispensing serves offices up to 40 people. The Integrated cup holder, illuminated dispense area and tall dispense area make this a great choice for executive offices or break rooms.

ORDERING INFORMATION

2-Temp Model - 50 GPD Reverse Osmosis	PWC-1800R
2-Temp Model - Standard Filtration	PWC-1800F
2-Temp model with UV sterilizer (details on page 60)	add / UV
2-Temp model with Ozone sanitizer (details on page 60)	add / OZ
Leak Detector option (details on page 61)	add / LDM
Cooler Add-Ons and Accessories	see page 62
Filter Replacement Kits	see page 65

PWC-1800 SPECIFICATIONS: Shipping Weight: 58 lb.: Cold tank volume 1 gal; Hot tank volume .5 gal; Cooling Rate: 1.5 gal/hr 37-50 °F; Heating Rate: 1.5 gal/hr 180 °F; Voltage: 115 VAC; Power: 600w max. Connection hardware included

3 Temperature Water Dispensers

3-Temp models with deluxe features deliver a continuous supply of Cold, Hot and Room temperature water whenever you need it.

Common Features

- Cold: 37-50° F, Adjustable • Hot: 180° F, Autocontrol
- Separate hot /cold power switches
- Automatic heating control with over-temperature shut-off
- Convenient, enclosed, no-drip dispensing faucets
- Built-in filtration system is front panel accessible for easy replacement
- Sealed compressor cooling system with adjustable thermostat, 37-50°F
- Automatic float valve with mechanical shut-off
- Type 304 stainless steel hot and cold water tanks
- Child safety lock for hot water faucet
- 1 year limited warranty - 3 year compressor warranty

These **VERTEX PureWaterCoolers** provide a continuous supply of more Cold, Hot and Room temperature water than our standard 2-temp models. The larger storage capacity is just what busy offices need to make a continuous supply of clean, great tasting water at the point of use. Choose models with **Reverse Osmosis** filtration for sparkling clean water and the removal of minerals that cause scale deposits in coffeemakers and other fixtures. Use the **Standard Filtration** version for areas with softer water (under 5 grains of hardness), for fresh tasting water. Choose point-of-use sterilization where water quality is uncertain or to reduce maintenance and cleaning (see page 62). The filter assembly is front panel accessible for easy filter replacement.



Filter assembly is front panel accessible

PWC 3500

High Capacity 3-Temp Dispenser

Large opening for easy refills, 4 gal. of water storage and useful flat top



Standard white



16" W x 16" D x 42" H
10" tall fill area

This deluxe high-capacity model has 4 gallons of water storage for offices and factories of up to 60 people. The taller spigot height and larger opening means less bending for easy refills. The flat top supports coffee brewers or break room supplies.

ORDERING INFORMATION

3-Temp Model - 75 GPD Reverse Osmosis	PWC-3500R
3-Temp Model - Standard Filtration	PWC-3500F
Executive Gray Cabinet	add /EG
3-Temp model with UV sterilizer (details on page 60)	add /UV
3-Temp model with Ozone sanitizer (details on page 60)	add /OZ
Leak Detector option (details on page 61)	add /LDM
Cooler Add-Ons and Accessories	see page 62
Filter Replacement Kits	see page 65

PWC-3500 SPECIFICATIONS: Shipping Weight: 66 lb. Cold tank volume 1 gal; Hot tank volume .8 gal; Room tank volume 2.2 gal; Cooling Rate: 1.5 gal/hr 37-50 °F; Heating Rate: 1.5 gal/hr 180 °F; Voltage: 115 VAC; Power: 600w max. Connection hardware included

EverCool® Simplicity and Quality You Can Trust

Rugged and economical commercial-grade 2-Temp Point-of-Use dispensers.

The new **VERTEX EverCool®** line of **PureWaterCoolers** are 2-temp water dispensers that can provide clean, refreshing water – from a supplier you can trust.

Standard Features

- Two temperatures, two choices
 - Hot and Cold or Room and Cold
- Genuine Tomlinson faucets for higher dispense rate
- Uses high-quality Panasonic or LG compressor
- G.A. Murdoch tubing (USA)
- Food-Grade 304 stainless steel hot and cold tanks
- Separate hot power switch
- Dual mechanical floats insure shut-off when full
- No electronics or solenoid to service
- Easy carry handle
- Can be converted from bottle-less to bottled in the field
- No-dribble Easy-Lever faucets with hot safety lever
- 8.5" fill area allows larger cups, mugs or reusable bottles
- Removable drip-tray is dishwasher safe
- One-piece blow-molded high-density polyethylene cabinet that is scratch, dent and UV resistant for long life
- 1 year limited warranty • 3 year compressor warranty
- Meets Energy Star 2.0 requirements

Add-On Filter Options (mounts to back of cooler)

- **Standard Filtration** - Single, 1/4 turn, quick-twist 5 micron carbon block filter: removes sediment, rust, pipe scale, chlorine taste and odor. 2000 gal. capacity.
- **Premium Filtration** - High capacity, single 1/4 turn quick-twist 0.5 micron carbon block filter with scale inhibitor: Removes sediment, rust, pipe scale, chlorine taste and odor. 8,000 gal capacity.



Standard

Premium

Filter pack adds 4" to depth.

ORDERING INFORMATION

Point-of-Use Hot and Cold Dispenser - black	PWC-5280
Point-of-Use Room and Cold Dispenser - black	PWC-5281
White Cabinet	add /W
Standard Filtration (shipped separately)	FP-5017
Premium Filtration (shipped separately)	FP-5018

Specifications

Weight: 33 lb. .
 Dimension: 12.5" W x 13" D x 37" H
 Cold tank volume 1 gal
 Hot tank volume .32 gal
 Cooling Rate: 1.5 gal/hr 37-50 °F

Heating Rate: 1.3 gal/hr 180 °F
 Voltage: 115 VAC
 Power Required: 600w max

ADA compliant



EverCool® - Deluxe

Elegant and affordable commercial-grade 2-Temp Dispenser



The **VERTEX EverCool® Deluxe** water dispensers have the same features and specifications as the standard version but with a designer black finish and chrome accents for upscale offices. These water dispensers provide clean, refreshing water for up to 30 people.

ORDERING INFORMATION

Point-of-Use Hot & Cold Dispenser **PWC-5280LX**

EverCool® - Bottled ▶

For factory, warehouse & work-site needs.

The **VERTEX EverCool® Bottled** water dispensers have the same features and specifications as the POU version but without the need for a water source. These 2-temp water dispensers provide clean, refreshing water at any location.

ORDERING INFORMATION

Hot & Cold Bottled Water Dispenser - black **BW-5288**
 Room & Cold Bottled Water Dispenser - black **BW-5289**
 White Cabinet add **/W**
 Deluxe Hot & Cold Bottled Water Dispenser
 – black only **BW-5288LX**



Touchless Faucet Conversion Kit

Retrofit EverCool coolers in the field

Touchless replacement faucets for Hot and Cold, and Room and Cold **EverCool** dispensers. It takes less than 15 minutes to replace a faucet in the field, and these will work with any existing Tomlinson type hot, room or cold faucet. They can be changed back to the original mechanical faucet when needed. The power supply and all mounting hardware is supplied.

Place hand an inch in front of sensor on the side of the control, the beep will sound and the light will flash as the water starts to flow. Water stops flowing when hand removed or after 15 seconds, whichever comes first.

ORDERING

Room & Cold Touchless Kit **HFK-5110**
 Hot & Cold Touchless Kit (available soon) **HFK-5111**



Ultraviolet Sterilizer

Final Stage option for any PureWaterCooler.

Ultraviolet light kills 99.9% of harmful bacteria in point-of-use filter systems and is FDA approved for disinfecting filtered water. Adding a UV stage can reduce the need for cleaning and flushing the POU water dispenser. The easily replaceable bulb is housed in a stainless steel tube and has a 9000 hour life (over a year).

The UV lamp stays on continuously. The water flows around the lamp and is irradiated by the ultraviolet light. Water flow is restricted to 2 GPM to allow time for the UV light to be effective. The lamp slides into a quartz tube which is sealed from the water and a blue color shows through the plastic fittings while it is working. A 14-watt transformer powers the UV bulb and is prewired to the cooler.

Where to use: This UV stage may be used as the last stage on POU filter systems for well water in rural areas, or in towns and villages that have uncertain chlorination.

This UV stage is also available to be ordered separately and can be added to an existing POU filter system to enable UltraViolet protection. UV stage comes with UV lamp and 110 volt transformer. Individual replacement lamps also available separately.

Ozone Sanitizer for Vertex Coolers

Eliminates biological growth in cooler system.

- Miniature ozone generator attaches to cooler/dispenser
- Sanitizes by dispersing micro-bubbles of chemical-free ozone into the water of the cooler reservoir
- Ozone quickly disperses and does not alter taste
- Auto-activates for 10-minutes once a day
- Algae, mold and bacteria cannot survive ozone
- Frequency of cleaning is reduced

Available for any floor-standing PureWaterCooler, the Ozone Sanitizer produces micro-bubbles of chemical-free ozone into the cooler reservoir that kill bacteria, viruses, mold, and mildew without altering the water's taste. Ozone is an oxidizing agent that is 1.5 times more powerful than chlorine and effective over a much wider range of microorganisms. Ozone kills viruses and bacteria faster than chlorine and other chemical agents and is free of chemical residues as it decomposes into a simple oxygen. Cleaning frequency and maintenance are also reduced.

ORDERING INFORMATION

Factory installed with Cooler

add /OZ to cooler P/N



ORDERING INFORMATION

UV Stage as described

add /UV to cooler P/N

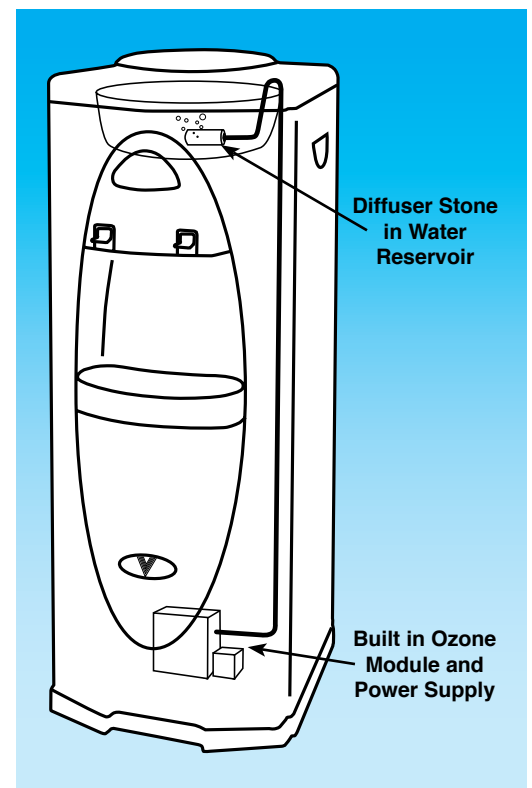
Stand Alone UV Sterilizer

UV-4016

UV replacement lamp only

UV-4023

Note: Most models on pages 48-54 can be fitted with a UV stage



ProTekk Mechanical Leak Detector

Low Cost Peace-of-Mind

- Round-the-Clock leak detection automatically shuts off feed water supply when a leak is detected
- Superior over-center trip mechanism insures positive valve closure
- Easy to reset - No disassembly required
Just drop in new activation cartridge
- Easily connects using Quick-Connect O-ring seal fittings for either 1/4" or 3/8" tubing
- Install anywhere a leak might occur using pre-molded mounting holes or supplied adhesive strip
- No electricity required, locate anywhere

The **VERTEX ProTekk** mechanical **Leak Detector** is a leak detection and automatic water shut-off system designed for any type of residential or light commercial point-of-use water treatment or appliance in homes, condos, apartments and offices. The over-center trip mechanism insures positive valve closure to stop leaks before they can cause damage. This can avoid expensive insurance claims and keep your home or office safe from dangerous health conditions caused by water damage and the resulting mold. It is easy to install anywhere a leak might occur using the pre-molded mounting holes or supplied adhesive strips. The activation cartridge can be easily replaced to bring the detector back to full operation without the need for tools or reassembly. No power source needed. Available with 1/4" or 3/8" push-fit connections. Comes with 2 activation cartridges.

ORDERING INFORMATION

ProTekk - mechanical leak detector, 1/4" fittings **LDM-1214**
 ProTekk - mechanical leak detector, 3/8" fittings **LDM-1217**
 4-pack of replacement cartridges **LDS-1216**

Pressure Regulator

Protects equipment against high pressure spikes. Reduces water pressure to 60 psi. Easy to install and simple to use. Install in front of any POU or OCS equipment.

Inline, 1/4" QC 60PSI
with mounting clip

PR-8060



Valve in the ready position. (inset) Activated-water is off



Point-of-Use cooler application

EverCool Water-Tray

- Capture leaking water before damage occurs
- Use Water Tray alone or with Vertex ProTekk mechanical leak detector to shut off feed-water when leak occurs

Use the **EverCool Water Tray** with an **EverCool** water dispenser to catch water leaks and prevent them from damaging floors, walls and counters. Combine with the **ProTekk** Leak Detector/Shut-Off Valve to shut off incoming water on Point-of-Use models in case of a leak.

The **ProTekk Leak Detector/Shut-Off valve** uses an over-center trip mechanism to insure positive valve closure and stop leaks before they can cause damage. Install anywhere a leak might occur using the pre-molded mounting holes or supplied adhesive strips. The activation cartridge can be easily replaced to bring the detector back to full operation without the need for tools or reassembly. No power source needed. Each detector comes with 2 activation cartridges.



Tray and leak detector installed on EverCool PWC-5280/W

ORDERING INFORMATION

Black EverCool Water Tray w/ProTekk Detector	EDTP-1221
White EverCool Water Tray w/ProTekk Detector	EDTP-1221W
Black EverCool Water Tray only	EDT-1220
White EverCool Water Tray only	EDT-1220W
ProTekk - Mechanical Leak Detector only	LDM-1214
4-pack of detector replacement cartridges	LDS-1216

Optional Cooler Stands

Increases height by 6"

These optional cooler stands add 6 inches in height and reduce bending and back strain while refilling. The PWC-1000 and PWC-1010 stands are made of sturdy plastic and specifically designed and molded to fit under cooler without assembly - they snap into place. The PWC-2000 and PWC-3500 stands are black and made with recessed locating holes for secure mounting.

ORDERING INFORMATION

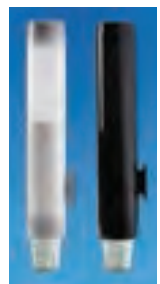
PWC-1000 & PWC-1010 Cooler Stand gray	CS-8033
PWC-1000 Cooler Stand black	CS-8034
PWC-3500 Cooler Stand black	CS-8032

PWC-1010 on cooler stand ▶



Cup Holders

Add convenience with these attractive cup holders that quickly attach to any floor standing cooler. Choose the color to match the cooler. Unit holds 50 count stack of 6 oz. cups.



ORDERING INFORMATION

Cup Holder white	CPH-1207
Cup Holder black	CPH-1212

Service Manuals

PureWaterCooler Service Manuals cover installation, maintenance, repair and troubleshooting with parts list, diagrams and photos.

ORDERING INFORMATION

Models 1000, 1010, 1500, 500	MAN-7008
Models 2000, 3000, 3500	MAN-7006
Model 400	MAN-7009
Model 450	MAN-7011
Model 7000	MAN-7013
Model 1800	MAN-7012

PureWaterCooler Replacement Filters and Filtration Options

Maintain water quality with original replacement parts.



Standard replacement filters



RO membranes



Encapsulated RO



PureChill filters

Standard Filtration for PureWaterCooler models

2-stage filter system using disposable filters with Quick-Connect fittings for simple, sanitary, filter changes.

Stage-1 Sediment Filter: 5 micron, 2.5" x 12" polyspun filter removes suspended particles, rust and pipe scale down to 5 microns. Recommended replacement - 6 months.

Stage-2 Carbon Filter: 2.5" x 12" Activated Carbon filter removes chlorine taste and odor plus other common earthy, fishy, musty tastes and odors. 2500 gal rated capacity. Recommended replacement - 6 months.

Reverse Osmosis Filtration for all models

3-stage system uses Standard Filtration (above) plus additional Reverse Osmosis membrane to remove an average of 95% of dissolved minerals and other contaminants. RO membranes filter at the molecular level equivalent to 0.0001 micron. Typical useful life is 2-4 years depending on water quality and usage.

Stand Alone Filter Pack

2 filtration options for countertop coolers

- Standard filtration includes:
5 micron sediment filter
GAC carbon filter
- RO filtration includes:
2-stage filtration plus
50 GPD RO membrane



RO filter pack

Attach to cooler back with 4 screws
- adds 4.5" to cooler depth

ORDERING INFORMATION

Fits **PWC-500** 3-stage 50 GPD RO filter pack
PWC-500 2-stage standard filter pack

FPR-5324
FP-5304

PureWaterCooler Replacement Filter Kits

PureChill Filter Kit

FK-110

for PWC-900, PWC-9100, PWC-9500

FK-110 kit includes

Sediment Filter 5 micron 12" 1/4 turn Twist-On filter body TF-4113
Carbon Block Filter 12" 1/4 turn Twist-On filter body TF-4115

Cooler Filter Kit for all Standard Filtration Systems **FK-104**

for PWC-400, PWC-450, PWC-1000, PWC-1010, PWC-1500, PWC-1800,
PWC-2000, PWC-3500F, PWC-7000

FK-104 kit includes

Sediment Filter 5 micron 2.5" x 12" inline, NSF listed IFA-4035
GAC Carbon Filter 10 micron 2.5" x 12" inline, NSF listed IFA-4034

3500R Filtration Cooler Filter Kit

FK-108

FK-108 kit includes

Sediment Filter 5 micron 2.5" x 12" inline, NSF listed IFA-4035
GAC Carbon Filter 10 micron 2.5" x 12" inline, NSF listed IFA-4034
GAC Post Filter 2" x 10" inline w/QC fittings, NSF listed IFA-4103

Replacement RO Membranes

50 GPD RO membrane element

MA-4203

for PWC-400R, PWC-1000R, PWC-1010R, PWC-1500R, PWC-1800R,
PWC-2000R

75 GPD encapsulated RO membrane element

MH-4206

for PWC-3500R

100 GPD RO membrane element

MA-4205

for PWC-7000R, PWC-9100R, PWC-9500R

Additional Filtration Options

Disposable 1 Micron Carbon Block

IF-4087

Cyst and Lead Reduction, 2.5" x 12" inline filter, NSF listed

Disposable GAC/Phosphate Filter

Reduces scale build up
2" x 10" inline filter, NSF listed
2.5" x 12" inline filter, NSF listed

IF-4097
IF-4106



The Vertex Advantage

- **Quality**
- **Reliability**
- **Service**
- **Choice**



(800) 627-2146

email: info@VertexWater.com

local: (909) 626-2100

website: www.VertexWater.com

fax: (909) 626-3535

5138 Brooks St.

Montclair, California 91763

© 2018 Vertex Water Products VC-18.1

See our website www.VertexWater.com for information on all of our products