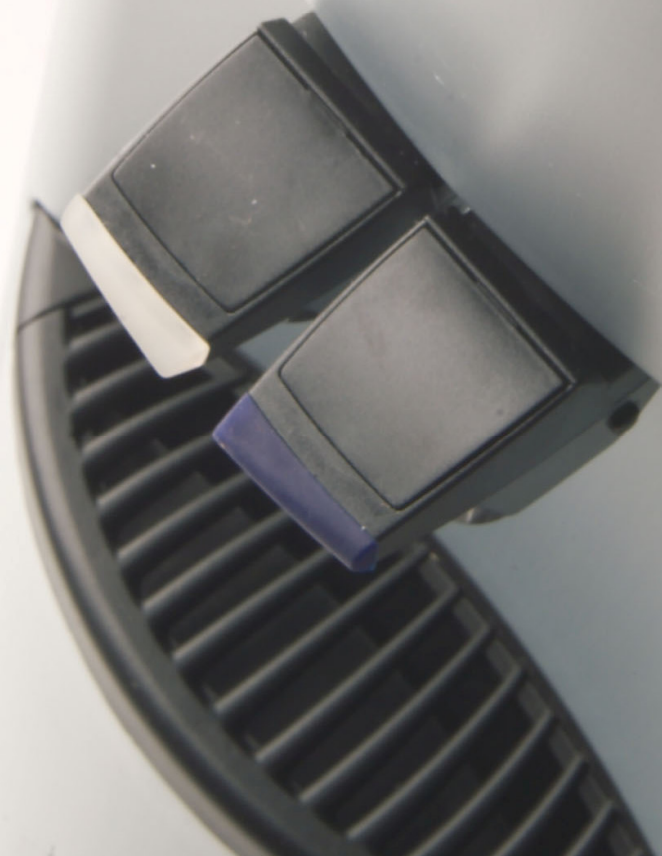




Quantum  
Point of Use (POU)  
Water Coolers

QUANTUM  
POINT OF USE  
WATER COOLERS



## Quantum Point of Use Water Coolers The Engineering of Premium Quality Water



**A Quantum System** is quite simply the paramount in water filtration design and function. You appreciate the quality that comes with commercial grade equipment, so when it comes to your water why settle for anything less?

**Quantum Systems** are made for those who appreciate quality as much as good health. Our commercial grade filters are both durable and attractive and sealed inside is an exclusive Precoat technology delivering the kind of NSF-certified performance professionals expect.

**Quantum Systems** are NSF certified for cyst, lead, asbestos, particulate, chlorine off taste and odour reduction, while retaining essential minerals found naturally in water.

So your water is as healthy as it tastes, It's water filtration you can trust ... The kind that will never go out of style.

### Technological Elegance

**Quantum Point of Use** water cooler conversion kits provide you with unlimited clean, great tasting water right at your finger tips!

- No more lifting heavy water bottles
- Never run out of water again
- All at 1/10<sup>th</sup> the cost of bottled water

**Quantum Point of Use Water Coolers** merge state of the art filtration with sleek, modern designed water coolers that will shine in any location. A Quantum system is quite simply the best in watercare design and function.

Choose from Six Models in a Range of Colours & Finishes



### Exquisite Convenience

Quantum conversion kits are so flexible, you can add additional water treatment components in order to meet site specific needs. Our conversion kits can be upgraded in minutes with an in-line Ultraviolet Sterilizer, for protection from bacteria and viruses, with an in-line prefilter, for high silt water, or with a GAC filter for chemical reduction; just a few examples of the versatility of our design, all hidden underneath our cover.

**Quantum Systems are built “filter-ready”  
All the components are factory installed for you.**

### Exceptional Simplicity

- Quantum Systems are easy to install and service using John Guest quick connect/disconnect fittings
- Service accessibility and filter maintenance is done in minutes, standing up. Everything is at eye level!
- Upgrade the “Quantum Tree” with additional filtration components using nothing more than a screwdriver
- Dependability – our double float system ensures unlimited water at your finger tips
- Five year warranty on the sealed refrigeration, water filtration system, dual float system, and filter tree. One year on all remaining parts.
- Sleek modern design available with ice cold, cool and hot water options

### Features

- ✓ Extra large 2 litre “cold” and 1 litre “cool” water tank capacity
- ✓ 33% more capacity than traditional coolers
- ✓ High flow faucets provide fast servings
- ✓ All parts are dishwasher safe
- ✓ Removable reservoir makes sanitizing quick and easy
- ✓ Quick quarter turn spigot removal
- ✓ Available in “Hot & Cold” and “Cool & Cold”
- ✓ Easy cartridge change, simply lift off the cover, twist out the cartridge and snap in a new one, just like changing a light bulb
- ✓ One universal cup dispenser, which loads from the top or the bottom
- ✓ Wide range of models to choose from; for either POU or bottled water use
- ✓ Made in Canada WaterCare Solution



Made in Canada



## Quantum 1000 Water Filtration

### The Engineering of Premium Quality Water

A Quantum system is quite simply the best in water filtration design and function. You appreciate the quality that comes with commercial grade equipment, so when it comes to your water, why settle for anything less? Quantum systems are made for those who appreciate commercial quality as much as good health. Our signature metal exterior is both durable and attractive and sealed inside is an exclusive Precoat technology delivering the kind of NSF-certified performance professionals expect.

### Commercial Grade Quality

When using this product, you join the company of world leaders like McDonald's, 7-Eleven, A&W, Second Cup Coffee, and Cineplex Odeon, to name a few. Our metal canister delivers commercial grade durability and quality and protects the filter system from splitting or bursting. It's lined with a food-grade polymer that prevents the water from coming in contact with the metal. Quantum filters rid your water of chlorine, rust, asbestos fibres, and other contaminants while retaining essential minerals found naturally in water. So your water is as healthy as it tastes. It's water filtration you can trust – the kind that will never go out of style.

### NSF Certification

The Quantum 1000 Drinking Water System provides absolute 1/2 micron filtration (1/50,000<sup>th</sup> of an inch) removing 99.9% of Chlorine off tastes and odours, particles of dirt, lead, asbestos, turbidity and harmful cysts such as Cryptosporidium and Giardia Lamblia.

The NSF Seal is your guarantee of Quality. NSF International is the leading independent testing and validation organization which sets standards for drinking water systems. NSF has given the Quantum 1000 its highest rating.

Standard No. 42: Aesthetic Effects/Chemical Unit, Taste, Odour & Chlorine Reduction: Class I

Standard No. 42: Mechanical Filtration Unit, Particulate Reduction, Class I, 99.9% at 1/2 micron

Standard No. 53: Health Effects/Turbidity Reduction/Cyst Reduction/Asbestos Reduction/Lead Reduction

For more information on NSF listings, please visit [www.nsf.org](http://www.nsf.org) or call us at 1-888-Danamark and ask for technical support ext. 235, or email us at [technicalsupport@danamark.com](mailto:technicalsupport@danamark.com)



### Specifications

Temperature:	Cold water supply only, max. 100 deg. F (38 deg. C)
Pressure:	10 to 125 psi (0.7 to 8.6 bar), non shock
Flow rate:	Controlled to 0.5 gpm/ 1.9 L/min. (for lead reduction)
Capacity:	750 US gallons
Dimensions:	5"W x 5"D x 15"H (13 x 13 x 38 cm)



## Quantum Point of Use Water Coolers

Choose from Six Great Models

### Quantum Pacifik

- The tallest of all six models (58 ¼")
- Beefy Faucets
- Available in Silver, Charcoal and White

### Quantum Fahrenheit

- The shortest of all six models (49")
  - Traditional Faucets
- Available in White, Black, Almond & White Granite

### Quantum S2

- Attractive Stainless Steel Finish
- 51 ½" Tall
- Traditional Faucets

### Quantum Baltik

- 52 ½" Tall
- Beefy Faucets
- Available in Grey and Silver

### Quantum Cima

- Elegant Wood Grain Finish
- 52" Tall
- All wood cabinet with galvanized steel Console

### Quantum Celsius

- Attractive "fluted" design
  - 52" Tall
- Available in Brushed Aluminum

1-888-326-2627 ext. 238/265

[customer@danamark.com](mailto:customer@danamark.com)





## Quantum Point of Use Water Coolers

### Markets

- ✓ homes
- ✓ offices
- ✓ rural or hard to get to locations where its difficult to make deliveries of bottled water
- ✓ Office towers located in congested downtown cores
- ✓ cottages, farms, country homes on well water or lakes
- ✓ factories, warehouse, plants (drinking water for employees)
- ✓ service station
- ✓ health clubs, spas

### Benefits over Bottled Water

- ✓ no more storing of bottles
- ✓ no lifting of heavy bottles
- ✓ no running out of water
- ✓ no waiting for deliveries
- ✓ no monthly bottle deposits
- ✓ no increase in cost if consumption goes up
- ✓ guaranteed quality of water - NSF
- ✓ save your customers money
- ✓ one simple monthly payment

### Quantum Features

- ✓ They look like a bottled water cooler, unlike other POU coolers (which look like cabinets)
- ✓ Attractive European modern design
- ✓ Light weight, easy to transport and move – only 35 lbs.
- ✓ Conversion from bottled water coolers takes minutes and can be done right on location
- ✓ Quick and easy to install – John Guest speedfit fittings – no tools required
- ✓ Easy to service – filters are at the front of cooler, at arms height
- ✓ Built in shut off valves
- ✓ One cooler for both applications – bottles and filters
- ✓ Variety of water filtration systems depending on local water conditions
- ✓ Double float assembly ensures continuous performance, no downtime
- ✓ Coolers come in a variety of colours and finishes
- ✓ 5 year warranty on sealed refrigeration, water filtration system, dual float system and filter tree

Toll free 1-888-326-2627 ext. 238/265 [orderdesk@danamark.com](mailto:orderdesk@danamark.com) [customercare@danamark.com](mailto:customercare@danamark.com)



## Quantum Specifications

The NSF certified Quantum 1000 Drinking Water System provides absolute 1/2 micron filtration (1/50,000<sup>th</sup> of an inch) removing up to 99.9% of all particles like dirt, lead, asbestos fibres, and harmful cyst like Cryptosporidium and Giardia Lamblia, as well as Chlorine and off tastes and odours.

The Quantum 1000 has more surface area than traditional filters of similar size for more consistent performance and longer life. The easy to change disposable filter cartridge means filter maintenance is a snap, without any tools. Filter changes are dry and sanitary; your hands never come in contact with the filter media. With each new filter you get a brand new pressure vessel and a fresh set of o-rings. Now that's pressure integrity!

### Performance Data

**The Quantum 1000 System is NSF certified to reduce or remove the following contaminants:**

Lead and Chlorine	95 – 99%	Bad Tastes and Odours	95 – 99%
Dirt, Rust and Cloudiness	99+%	Cryptosporidium Parvum Cyst	99+%
Giardia Lamblia Cyst	99+%	Entamoeba Histolytica Cysts	99+%
Mold and Algae	95 – 99%	Asbestos Fibres	99+%
Oxidized Iron, Manganese & Sulfides	99+%	All particle down to 1/2 micron	99.9%
Temperature:	Cold water only, max. 100 F (38C)	Pressure:	10 to 125 psi
Capacity:	750 US gallons	Flow rate:	Controlled to 0.5 gpm

Warranty: Quantum drinking water systems are warranted to be free of defects for five (5) years from date of purchase.

### NSF International Standards Certification

Standard No. 42: Aesthetic Effects/Chemical Unit. Taste, Odour & Chlorine Reduction, Class I. Mechanical Filtration Unit/ Particle Reduction: Class I at 99.9%.

Standard No. 53: Health Effects/Mechanical Filtration Unit. Turbidity Reduction, Cyst Reduction, Asbestos Reduction, Lead Reduction.

### Cooler Specifications

	Celsius	Fahrenheit	Cima	S2	Pacifik	Baltik
Diameter	12 1/4"	12 1/4"	12 1/4"	12 5/8"	12 5/16"	12 5/16"
Cooler Height	35 5/8"	33 7/16"	35 5/8"	35 13/16"	42 1/4"	37"
Cover Height	17"	16 7/8"	17"	16 3/4"	18 7/8"	18 7/8"
Total Height	51 7/8"	49"	51 7/8"	51 1/2"	58 1/4"	52.5"
Weight - Cool & Cold	34 lbs.	25 lbs.	33 lbs.	35 lbs.	35.1 lbs.	34.5 lbs.
Weight - Hot & Cold	37 lbs.	28 lbs.	36 lbs.	38 lbs.	38 lbs.	37 lbs.

Voltage: 120 V AC – 60 Hz / 220 V AC – 50 Hz



Power Cord: 1.8 m / 6 ft.

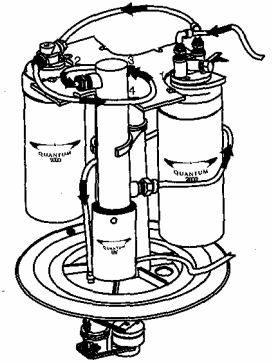
## Cooler Capacity

Ambient Temp. Cel/Fah.	Water 10 deg. C (50 deg. F) LPH / GPH	Cups/hour 85 g. (3 oz.)	Cool & Cold LPH / GPH	Water 10 deg. C (50 deg. F) LPH / GPH	Cups/Hour 85 g. (3 oz.)	Water 74 deg. C (165 deg. F) LPH / GPH	Cups/Hour 170 g. (6 oz.)
21 / 70	6.7 / 1.8	79	18 / 5	3.8 / 1.0	45	7.7 / 2.0	45
27 / 80	4.7 / 1.2	55	18 / 5	1.8 / 0.5	21	8.0 / 2.1	47
32 / 90	2.6 / 0.7	31	18 / 5	1.1 / 0.3	13	8.5 / 2.2	50
38 / 100	1.8 / 0.5	21	18 / 5	0.7 / 0.2	8	9.4 / 2.5	55

## Upgrades – Options - Maintenance

Quantum Coolers are available with the following upgrades and accessories:

- ❖ **The Quantum 2000 Water Filter** – NSF Std. 53 for Volatile Organic Chemicals (VOC's), such as Trihalomethanes (THM's) and PCB's. The Q2000 filter is placed in front of the Q1000 Filter. This combination is referred to as a Quantum 3000 system.
- ❖ **Sediment Prefiltration** – for dirt and rust removal. Installed in front of Quantum 1000 and 2000 filters.
- ❖ **Ultra Violet Sterilization** – inline, disposable UV sterilizer kills bacteria, viruses and coliforms such as e.coli. UV is installed after Prefiltration and Quantum Filters.
- ❖ **Ozonation** – inline disinfection kills bacteria, viruses and coliforms and acts as a built-in sanitizer to your cooler. Eliminates the need for sanitizing service calls.

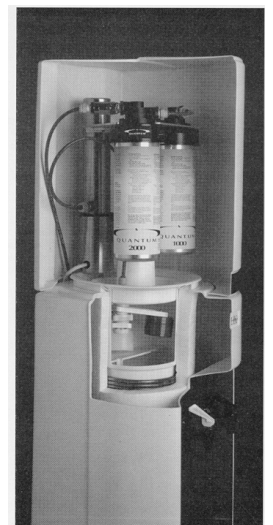


### Colours and water temperatures:

- ❖ Silver/Black, White/Black and Charcoal/Black
- ❖ Cool & Cold (Room Temperature & Cold Water @ 5 degrees Celsius)
- ❖ Hot & Cold (Hot Water @ 185 degrees & Cold Water @ 5 degrees Celsius)

### Private Label Programme:

- ❖ Minimum 500 coolers per model i.e. Pacifik White, Pacifik Charcoal or Pacifik Silver
- ❖ \$5.00 up charge per cooler
- ❖ Approx. \$250.00 one time artwork charge



## Maintenance & Sanitation

1. Change the filter cartridge every 6 months
2. Sanitize the cooler reservoir each time the filter cartridge is changed
3. Sanitize the cooler faucets every 6 months



## Facts about UV Disinfection

- ◆ Ultraviolet disinfection is a means of rendering harmless microorganisms in a dedicated environment. These microorganisms can range from bacteria (like e.coli) and viruses to algae and protozoa. Ultraviolet disinfection is used in water and wastewater treatment, but can also be effective in air sterilization, food and beverage protection.
- ◆ A major advantage of ultraviolet is that it is capable of disinfecting water faster than chlorine without a cumbersome system, and the hazards involved with chemicals. It is a natural way of disinfection.
- ◆ Certain stipulations prevail when using UV. An analysis of the water to be treated is essential. Pre-filtration preferably to a minimum of 5 microns nominal is mandatory.
- ◆ Certain parameters are to be checked. Iron and manganese content should not exceed 1 ppm. Total dissolved solids (TDS) not to exceed 500 ppm. Hardness levels cannot exceed 7 gpg.
- ◆ The UV unit should be the last part in the chain of water treatment. It should also be as close as possible to the point of use.
- ◆ The average lamp life for UV output is 8000 hours, approx. one year.
- ◆ Dosage of UV is determined by intensity of the lamp output in UV wattage times, times the exposure time. Preferably in excess of 30000 MW/sec cm<sup>2</sup>.
- ◆ The most important aspect of the performance of your UV system is maintenance. Have your water tested after installation and then every 2 months thereafter, by your local health board. If your test results are negative, please clean the quartz sleeve in your unit and check your lamp. Lamps normally perform for the full 8000 hours; however, on occasion they may burn out prematurely.

## Facts about Ozone Disinfection

In the office environment, a water cooler is often a communal gathering spot which frequently leads to a higher incidence of bacterial cross contamination. Water coolers must be cleaned and sanitized regularly. The most common sanitizers used in water coolers are chemicals, ultraviolet light (UV) and Ozone.

The advantages of Ozone Disinfection are:

- ✓ Affordability, compact size & versatility
- ✓ Dual function as a reservoir sanitizer
- ✓ 24/7 automatic operation
- ✓ Multiple programming settings per day
- ✓ Unlike UV, does not generate heat
- ✓ No annual UV light replacement
- ✓ Easy to install

People are the principal source for bacterial contamination of water coolers. Bacteria may be transmitted from a person's hand to the faucet or the bottle cap valve during bottle changes. Sipper cups are often also a culprit as they are used to obtain drinking water by touching the sipper mouth to the cooler reservoir with bacteria.

While ultraviolet is an effective sanitizer, it operates on a line of sight principle and has no disinfection residual effectiveness. Thus UV is incapable of sanitizing hidden water lines or spigots. Ozone is an accepted and effective form of sanitization, as it has residual disinfection and in the absence of impurities, oxygen production is its only byproduct. Ozone Sanitizers bring together affordability and excellent technology.

Toll free 1-888-326-2627 ext. 238/265

[orderdesk@danamark.com](mailto:orderdesk@danamark.com) [customer@danamark.com](mailto:customer@danamark.com)



## Our Value Add Programmes for You

Thank you for the opportunity to present our products and services; we look forward to the privilege of being of service to you.

We have many different ideas and many different people throughout our organization. Yet we are one company, one team, with one care...Water. Founded in 1975, Danamark is a 100% Canadian owned, privately held business specializing in quality WaterCare solutions.

WaterCare is a vital health choice and we understand the gravity of these decisions. Water resources are precious and we strive to take the best care possible of our water. We work hard to bring you the best product choices and technology at a fair price.

We recognize our role in the community and we'll play our part for a better future. Our commitment is to build a great company founded on the principles of mutual respect, integrity and trust driven by innovative WaterCare ideas and technologies.

**DanaPoints** – rewards programme designed to recognize and appreciate our valued clients. You earn DanaPoints at a rate of 1 x DanaPoint of every dollar in net purchases, before taxes.

**Training** – quarterly customer training sessions on various aspects of WaterCare issues and WaterCare solutions, part of our commitment to education.

**Issues of WaterCare** – monthly communiqués addressing WaterCare challenges and recommended solutions, part of our education initiative.

**Feature Sheets** – monthly communiqués introducing innovative WaterCare products.

**Danamark Dynamics** – monthly communiqués to introduce our newest initiative, service offering, promotional specials and marketing initiatives.

**Techi-Tips** – monthly communiqués explaining various technical aspects of the products we sell to help you use and understand them better.

**Leasing** – in-house 12-month financing for water cooler products.

**Water Testing & Analysis** – We have an In-house lab and engineering staff.

**DanaBuddy System** – each client is assigned a “Buddy” in customer service who is your “go-to” for customer care requirements. Personal, familiar service from a member of our team who understands what matters to you most. If your company name starts with the letter A thru to L, your Buddy is Jacquie, at ext. 265. From M thru to Z, your Buddy is Mac, at ext. 238.

**The Environment** – protecting the environment is serious business to us. We strive to be as “paperless” a business as we can. Thus, we email invoices and electronically fax order confirmations and purchase orders. Brochures, price lists and catalogues are available in PDF.

<b>Our Terms:</b>	Net 25 days (oac), VISA, MasterCard, American Express and Debit Cards
<b>FOB:</b>	Our Brampton warehouse, prepaid on orders over \$1000 (regular ground freight)
<b>Taxes:</b>	Extra where applicable
<b>Restocking:</b>	May be subject to a restocking charge, please call for an RGA#
<b>Minimum order:</b>	\$50
<b>Delivery:</b>	Shipped within 48 hours/ pick up orders ready in 24 hours
<b>Confirmations:</b>	We will fax you a confirmation of your order, prior to shipment, so you can see how we have entered it, prices, quantities, part numbers, etc.

Toll free 1-888-326-2627 ext. 238/265 [orderdesk@danamark.com](mailto:orderdesk@danamark.com) [customercare@danamark.com](mailto:customercare@danamark.com)



## **Danamark WaterCare - Limited Warranty**

### **Quantum POU Coolers – Canada**

Please note that there are two separate warranties for Quantum Point-of-use Coolers; one for the cooler, which is manufactured by Thermo Concepts, and one for the conversion kit and filtration system manufactured by Danamark WaterCare. Danamark WaterCare honours the following Thermo Concepts warranty:

#### **First 30 Days:**

Thermo Concepts (the manufacturer) promises the original purchaser to replace the water cooler if it proves to be inoperative due to a defect in materials or workmanship under normal use, for a period of 30 days from the date of original installation.

#### **First Year:**

The manufacturer promises the original purchaser to repair, or at the manufacturer's option, to replace any part of this water cooler that proves to be inoperative due to a defect in material or workmanship under normal use, for a period of one year from the date of original installation. The manufacturer is responsible for freight costs to the nearest authorized service centre or the manufacturer's factory repair centre, upon approval by the manufacturer.

#### **Second year through fifth year:**

In addition, after expiration of the first year warranty, the manufacturer promises, within the second to fifth year period, to repair, or at its option, to replace any part of the sealed refrigeration system, which proves to be inoperative due to a defect in material or workmanship. The sealed refrigeration system includes the compressor, condenser, evaporator, compartment evaporator and interconnecting refrigerant lines, or the internal cold water system cooling tank, pre-cooler and soldered interconnecting cold water lines.

The manufacturer will provide the labour, through an approved service centre or the factory repair department, at no extra charge, to repair these parts of the sealed refrigeration or cold water system.

In addition to the sealed refrigerant system, should any of the following parts become defective, the manufacturer promises to replace the part at no charge: compressor relay, overload, cold water thermostat, internal wiring and cord set. Labour is not included.

Transportation during this 2 to 5 year period will be as follows:

- ❖ From your location to the manufacturer; freight prepaid by the client
- ❖ From the manufacturer back to the client; freight prepaid by the manufacturer



## **Danamark WaterCare Limited Warranty**

### **Quantum POU Conversion Kit & Filtration System**

This Warranty Programme goes into effect on March 1, 2006 and will cover all products sold on or after that date.

All Warranty under this programme will be void unless proper care & maintenance, as specified in the use & care instructions that come with every product are adhered to. A record of all such cartridge changes, cleaning and sanitizing of coolers, visual inspection and periodic replacement of floats performed by one of our dealers should be maintained and be made available upon request, before a warranty claim can be lodged.

Danamark Industries Inc. warrants this product to be free of defects in workmanship or materials for 5 years (60 months) after purchase.

This warranty extends only to the original consumer and does not cover products which malfunction due to user neglect or unauthorized modification.

To obtain warranty performance, return this product to Danamark WaterCare, transportation or mail prepaid, with proof of purchase and an attached statement giving the date and place of purchase, the nature of the defect and your return address, telephone number and email address.

Upon receipt, Danamark WaterCare will examine your claim. If this warranty applies, Danamark WaterCare, at its option, will either replace or repair this product.

Please send all returns or warranty questions to:

Danamark WaterCare  
90 Walker Drive  
Brampton, Ont. L6T 4H6  
Toll free 1 – 888 – Danamark  
[www.danamark.com](http://www.danamark.com)

This warranty is given in lieu of all other warranties expressed or implied, written or oral. No employee, agent, dealer or other person is authorized to give any warranties on behalf of Danamark WaterCare.

#### **General provisions:**

Under no circumstance will the manufacturer be responsible for incidental damages, thus the warranty is always limited to the value of the original product. Furthermore, the manufacturer's responsibility is limited to the value of the water cooler without the filtration unit.