Advanced Technologies for a Healthy, Comfortable Home

Water

Air

Ventilation

Environment

Easy - Smart - Energy Efficient
**HydroCare** has developed high purification systems for the whole house using the most advanced materials and design. They incorporate multiple processes to give you confidence that the major water quality issues in your home are taken care of in one system.

**City Water** • Certain chemicals found in city water such as Chlorine and VOCs (Volatile Organic Compounds), have been linked to cancer. According to the *American Journal of Public Health* “up to 2/3 of the harmful effects of chlorine is due to inhalation and skin absorption while showering”. Under the sink filters or bottled water do not provide whole house protection.

**Quadmaxx** • WQA Gold Seal Certified for the whole house • Extremely compact • Patented Parallel Flow Design • 4X Purification Dimensions: 18”W x 13”H x 6”D

**CityPlus** • Sediment and Iron removal • Nano technology for superior purification • High capacity Dimensions: 13”W x 27”H x 9”D

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**CityMaxx** • Sediment and Iron removal • Nano technology for superior purification • High capacity **Plus** Limescale Prevention & Elimination Dimensions: 24”W x 27”H x 9”D

**City Supreme** • High reduction of Chlorine and *Chloramine* • High reduction of Lead, Mercury, Arsenic, and Cyanide • High reduction of Chemicals and Toxins • No servicing - only drop in recharge packet every 3 months **Optional fluoride removal** Dimensions: Media Tank: 10”W x 60”H x 10”D Regeneration Tank: 18”W x 36”H x 16”D

* Municipalities may switch from Chlorine to *Chloramine*. This unit handles either without modification.
Well Water - Pollutants common to well water are metals, minerals and gases that cause the water to taste badly, are of a troubling aesthetic nature and are difficult to live with. The water can be brownish, smell putrid, leave stains, and corrode appliances and fixtures.
A superior solution does not need to be complex.

**Canister Systems** - 3 Stage Filtration - Easy Install and Filter Change - No Backwash

- **Iron 300X**
  - Up to 3ppm Iron
  - Up to 1ppm Hydrogen Sulfide
  - Up to 1ppm Manganese
  - Removes moderate sediment
  - Dimensions: 24"W x 27"H x 9"D

- **WellMaxx**
  - Up to 3ppm Iron
  - Up to 3ppm Hydrogen Sulfide
  - Up to 3ppm Manganese
  - Removes heavy sediment
  - Dimensions: 24"W x 27"H x 9"D

**Well Water Systems**
- Removes high levels of iron, manganese and hydrogen sulfide
- No more brown water, rust stains and rotten smell
- Protects appliances, fixtures and plumbing from iron corrosion
- Fresh, clean trouble free water throughout the house
- No salt, no chemicals

**Tank Systems** - Unique oxidation process for removal of extremely elevated levels of iron, hydrogen sulfide, manganese and other pollutants - Works within broad pH range

- **O₂ Hydro Single Tank**
  - Up to 20ppm Iron
  - Up to 10ppm Hydrogen Sulfide
  - Up to 6ppm Manganese
  - Dimensions: 10"W x 62"H x 16"D

- **O₂ Hydro Dual Tank**
  - Up to 20ppm Iron
  - Up to 10ppm Hydrogen Sulfide
  - Up to 7ppm Manganese
  - Removes Radon, Methane, Carbon Dioxide and other gases
  - Air pump and post filter included
  - Dimensions: 48"W x 62"H x 16"D
**Hard Water** - Calcium and Magnesium develop into limescale that attaches to surfaces in plumbing systems, appliances, and fixtures reducing efficiency. Spots and stains are just an indication of the more serious problems out of view.

*Limescale clogs pipes restricting water flow*

*Limescale encrusts heating elements resulting in wasted energy and increased repairs*

**BATTELLE STUDY**

**On Hard Water Problems**

- 24% loss of efficiency in water heaters
- Showers lost 75% flow rate
- Early replacement of appliances

Unlike water softeners which add salt to the water and remove healthy minerals, **HydroCare** solutions condition the water by generating an ionic attraction between Calcium and Magnesium causing them to form crystals. These crystals stay suspended, do not attach to surfaces, and wash away with the water flow.

**SYSTEMS PREVENT AND REMOVE EXISTING SCALE**

**NO MAGNETIC COILS/WRAPPS • NO SALTS, NO CHEMICALS**

**Electronic Smart Descaler**

- Continuous dynamic radio wave frequency with unparalleled capacity
- Signal transmitted regardless of water flow and in all directions
- Built in computer monitors signal strength
- Strong signal throughout entire house in all levels of hardness
- No Maintenance
- Only Pennies a day to operate
- Easy install – No plumbing

Specifications: 10 watts. Clamps on pipe types up to 1 ½” (larger clamps available)
Dimensions: 3.25”W x 4.5”H x 1”D

**Limescale Filter System**

- Nucleation Assisted Crystallization (NAC) process
- Nano Technology
- Media is ANSI/NSF 61 Certified
- Limescale filter life 3-5 years
- Pre-filter for sediment removal
- Easy Install
- Coating layer to prevent corrosion
- Treats high levels of hardness

Dimensions: 14”W x 24”H x 8”D

**SAVE ENERGY**
**SAVE APPLIANCE LIFE**
**SAVE WATER**

Healthy minerals remain in the water!
Air

Everyday activities can lead to poor indoor air quality
90% of our time is spent indoors. We can’t necessarily smell or detect gases, biological agents and chemicals that are emitted from cleansers and materials; all of which can lead to serious illnesses.

Keep the air you breathe healthy, clean and odor free.

**WAVE AIR PURIFIER**

THE ONLY HIGH PERFORMANCE HOSPITAL GRADE AIR PURIFIER WITH

**6 Stage Air Treatment**

1. Permanent washable pre-filter captures large particulates
2. H12 class HEPA filter removes 99.5% of airborne particulates
3. Carbon charcoal filter for enhanced odor reduction capabilities
4. TiO2 Catalyst reacts with UV light to further destroy Volatile Organic Compounds
5. Patented UV-C/UV-V “J” Lamp
   - UV-C attacks the DNA of microorganisms to destroy biological contaminants
   - UV-V destroys chemicals, smoke, odors, and aerosols
6. More than 2 million/cc negative ion output causes particle attraction for superior filtration

**Eradicate...**

AIRBORNE PARTICULATES • MOLD SPORES • BACTERIA • ALLERGENS • CHEMICALS
FORMALDEHYDE • COMBUSTION GASES • VIRUSES • LINGERING ODORS • PET ODORS AND DANDER
BASEMENTS AND CRAWL SPACES ARE THE MOST PROBLEMATIC AREAS OF THE HOME

Excess moisture and lack of ventilation leads to a buildup of mustiness, toxins, and pollutants. This trapped, damp, polluted air contaminates your entire house, affects your family’s health and causes structural damage.

Keeping your Home Healthy and Dry is Easy as 1-2-3

1. **EXPEL**
   - moisture and pollutants from the lowest point of the home where they are most concentrated.

2. **REPLENISH**
   - with warmer, drier, fresher air from upstairs.

3. **VENTILATE**
   - the entire house with a continuous airflow for a healthy, comfortable environment.

Moisture control unit reduces:

**MUSTY ODORS & MILDEW**
By-product of mold growth

**BIOLOGICAL GROWTH**
Moisture nourishes proliferation of mold, dust mites, bug infestation

**AIR POLLUTANTS**
Radon, combustion gases, Carbon Monoxide, VOCs

**STRUCTURAL DAMAGE**
Wood rot of floors and beams, and window condensation

**HEALTH ISSUES**
Moist, stagnant, polluted air can lead to asthma, respiratory ailments, and other health conditions

Breathe Better. Live Healthier.
Superior Technology for Year Round Moisture Control and Improved Air Quality

- SENSIBLE VENTILATION AUTOMATICALLY ADJUSTS TO CONDITIONS
- INCREASES HVAC EFFICIENCIES BY KEEPING ENTIRE HOUSE DRY

BASEMENT UNIT
Computerized Sensor Controls

- Advanced evaluation of air quality trends and conditions
- Built-in analytical monitoring for optimal ventilation
- Override program features

Dimensions: 62” to 97”H x 11”W x 7”D
Airflow: 40 cfm low - to 230 cfm high
Watts: 38
Capacity: 2,100 sq. ft. basement

CRAWL SPACE UNIT W/ BOOSTER FAN

- System increases circulation and drying.
- Maintains air pressure equilibrium preventing hot, humid air from entering.

Dimensions: 30”H x 11”W x 7”D
Airflow: 40 cfm low - to 180 cfm high
Watts: 78
Capacity: 3,000 sq. ft. crawl space
Note: Outside foundation vents need to be sealed off

SLAB HOME/APARTMENT MODEL

- 3 Modes of Operation
- Normal
- Air Conditioning On
- Unoccupied

Dimensions: 23”H x 9.5”W x 5.6”D
Airflow: 30 cfm low - to 125 cfm high
Watts: 31
Capacity: 2,000 sq. ft. space

WAVE Unit
- EXPELS GASES, RADON, POLLUTANTS
- $3/MONTH ENERGY
- NO MAINTENANCE
- LARGE CAPACITY
- QUIET & EFFICIENT
- 10 YEAR WARRANTY

VS

Dehumidifier
- NO AIR EXCHANGE
- $60-90/MONTH ENERGY
- BUCKETS OF WATER & FILTERS
- LIMITED AREAS
- NOISY AND HOT
- TYPICALLY 90 DAYS
Environment

The indoor environment in our home is constantly exposed to elements beyond our control and to negative conditions created by everyday activities. WAVE Home Solutions is dedicated to solving these problems by developing the most advanced and innovative technologies that will provide the highest performance, are energy efficient and easily integrated in the home.

With WAVE Home Solutions you can feel confident knowing your home is healthy, comfortable and sustainable.

Visit our website to view additional products and see what our satisfied customers are saying.

Units have been used in HUD housing, military bases, managed properties and public housing!

WAVE HOME SOLUTIONS
Advanced Technologies for a Healthy, Comfortable Home
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