

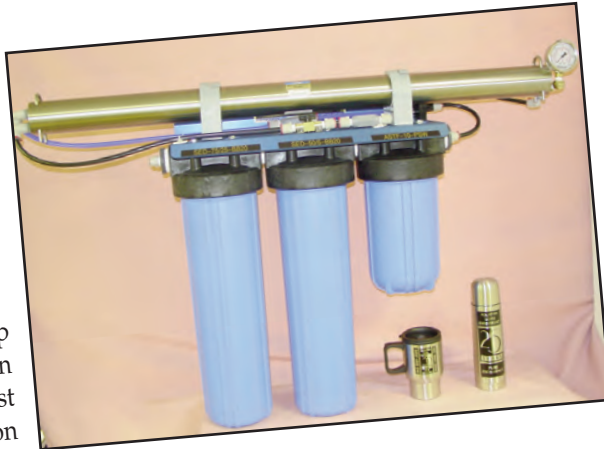


"Purified Water from A Masterpiece of Craftsmanship"

# 600+ASTF 2003

## NON-ELECTRIC COMMERCIAL RO

Aquathin Corporation, a manufacturer of more than 70 patented & trademarked high technology water treatment systems for residential, commercial, industrial and laboratory markets, has developed the economical Aquathin 600+ASTF2003 Reverse Osmosis Water Purification System...a hybrid cross of the Models AquaShield 3000 Series, AquaKing, 600+24K.



The 600+ASTF2003 began as a prototype for deep jungle South African mining companies where clean water is scarce, minimal electricity available, harshest conditions. The 600+ASTF2003 integrates 75-5 micron spun polypropylene filters with choice of granular activated carbon filters, the AquaShield™ with Built In AquaShield™ Protection Filter positioned in high density filter housings, manual flush valve to remove potential plaque on membrane, high flow thin film composite reverse osmosis element, automatic shut off, tap water pressure guage, on all aluminum anodized bracket to resist rust and corrosion, high impact resistane quick lock fittings. 100% chlorine, chloramine, organic removal including chemicals-solvents-pesticides, 96-98% rejection of dissolved solids including heavy metals, radionuclides and 99.999% reduction of disease causing waterborne microorganisms.

The Aquathin 600+ASTF2003 produces up to 600 gallons per day and exceeds all other systems in its class with regard to quality and efficiency as indicated in the warranty. Aquathin also produces slightly smaller and significantly larger capacity models that are completely automated.

Aquathin Corporation entered into a Strategic Partnership with Gravitational Energy Corporation (GEC) of Akron, Ohio to apply Aquathin RO and AquaShield systems through the Aquathin Dealer network, to GEC's innovative almost self perpetuating pump and generator. GEC has developed a "breakthrough" technology that can help millions of people in disaster relief, 3rd world nations, in-field military for drinking and irrigation, areas without readily available electrical supply. GEC is producing a hand-operated pumping machine called the Feltenberger Pendulum Pump. This machine uses the force of gravity to help provide the input power to pump and purify water. Called "Gravity Assisted Power", it is much easier to operate, pumping more water than any other hand-operated pumping process.



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Purifying the Waters of the World...

# aquathin

For the Best Taste in Life!



AQUATHIN IS AN ISO 9001:2000 , ISO 9001:2008 QUALITY MANAGEMENT SYSTEMS REGISTERED / CERTIFIED COMPANY ( IMS-0192 ) ( NQA-12635 )

# THE 600+ASTF 2003 RO SYSTEM FEATURES:

**ONLY AQUATHIN** HAS A FLUSH VALVE ASSEMBLY TO REMOVE PLAQUE AND IMPROVE MEMBRANE EFFICIENCY.

**ONLY AQUATHIN** HAS ALL ALUMINUM ANODIZED MODULAR FRAME TO RESIST RUST AND CORROSION WHILE PROVIDING A LIFE-TIME OF SUPPORT.

**ONLY AQUATHIN** HAS SUPERQUAD GRADIENT SEDIMENT PREFILTERS WITH SUPERIOR DIRT HOLDING CAPACITY.



**ONLY AQUATHIN** HAS ULTRA HIGH FLOW THIN FILM COMPOSITE RO TECHNOLOGY TO PROVIDE DAILY SUPPLY OF PURE WATER WHENEVER TAP WATER HAS LOW PRESSURE, HIGH DISSOLVED SOLIDS, OR COLD WATER TEMPERATURE.

**ONLY AQUATHIN** COMBINES A PRESSURE GAUGE WITH AUTOMATIC SHUT-OFF TO ASSURE AMPLE PRESSURE AVAILABLE AND LIMIT WATER CONSUMPTION.

**ONLY AQUATHIN** HAS AQUASHIELD™ PROPRIETARY ANTIMICROBIAL TECHNOLOGY TO ENHANCE FILTER PERFORMANCE.

## SPECIFICATIONS:

All components are manufactured from the finest raw materials available and carry one or more of the following validations to insure system function, safety and integrity: NSF Certified, FDA Approved, UL Listed, CSA, CE, BSI, TUV, ANSI Approved.

### DIMENSIONS & WEIGHT

**Model 600+ASTF 2003 : 46" x 8 3/8" x 28 3/4" / 47 pounds**

Choose pressurized reservoir holding tanks: RO14, RO20, RO34, RO44, RO86, RO119 NSF Approved. The design of components allows for compact installation to preserve value space.

### REVERSE OSMOSIS MODULE AND PRODUCTION PER DAY

**Model 600+ASTF 2003 :** Aquathin HRO 2540 Spiral Wound Thin Film Composite. Rated 600 gpd (2271 ltr/d).

### OPTIONAL DEIONIZATION MODULE

**LDI:** Proprietary Anionic plus Cationic Resin complimenting the Aquathin Reverse Osmosis Element.

### PREFILTERS

You Customize with choice of SuperQuad 75/25 micron, 50/5 micron, Unidirectional Granular Activated Carbon. Flowing into the Exclusive Aquathin AquaShield™ with Built In Proprietary Antimicrobial Protection. \*This antimicrobial technology is NSF and FDA listed, EPA registered, and approved under the European Biocidal Products Directive (BPD). The antimicrobial technology which is built into this filter is based upon the natural antimicrobial properties of silver, uniquely encapsulated first into a ceramic matrix, and then into the polymer of the fiber used in the filter. This process very effectively eliminates any uncontrolled leaching of the additive, while allowing just the silver ions to interact with the micro-organisms as needed. This technology works in multiple ways. It inhibits the reproduction of the organism, it disrupts its metabolism, and it affects respiration through the cell wall.

### WARRANTY

LIFETIME WARRANTY (excluding abuse) .....FRAME  
 5 YEAR WARRANTY ..... PRESSURE VESSEL  
 1 YEAR WARRANTY ..... RO MEMBRANE AND ALL OTHER COMPONENTS.

### APPLICATION

Specifically designed for operation where electricity is not readily available or often interrupted. The AquaShield 600+ASTF 2003 purified water contains less than 5-10% mineral content, chemical and organic free water. Built rugged, tough and durable for harshest environments found in disaster relief, 3rd world nations, rural regions, military in-field missions.

### OPTIONS AVAILABLE

Feltenberger Pendulum Pump: "breakthrough" technology that can help millions of people in disaster relief, 3rd world nations for drinking and irrigation, areas without readily available electrical supply, in-field military. Gravitational Energy Corp. is producing a hand-operated pumping machine called the Feltenberger Pendulum Pump. This machine uses the force of gravity to help provide the input power to pump and purify water. Called "Gravity Assisted Power", it is much easier to operate ([www.gravityassistedpower.com](http://www.gravityassistedpower.com)) pumping more water than any other hand-operated pumping process.

Distributed by:

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# FELTENBERGER PENDULUM PUMP with AQUATHIN 600+ASTF 2003 and AQUASHIELD 3002 (ON SITE)

