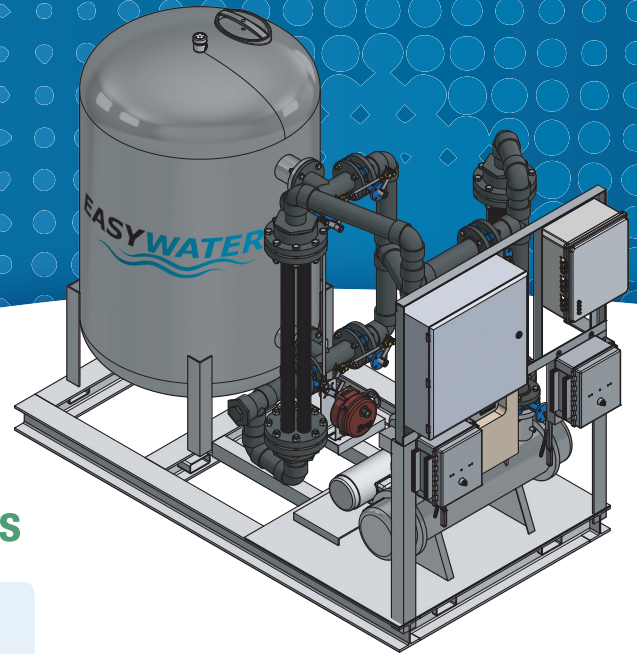# EASYWATER®

POOL SHIELD™
POOL & SPA TREATMENT SYSTEM

An innovative way to significantly reduce the use of chemicals while providing better results

The 4 Major Problems in Pools, Spas & Bodies of Water:

1. Risk of Legionella, Cryptosporidium and Pseudomonas
2. Scale/Biofilm/Slime forming on pool walls and in pool equipment
3. Harsh chemicals irritating skin and eyes
4. Disinfection By-Products (DBPs) are created as chemicals kill bacteria

TYPICAL APPLICATIONS:

- Hotel Pools/Spas
- Health Club Pools/Spas
- Aerospace Test Pools
- Water Parks
- Fountains
- Zoo Aquariums

How PoolShield Solves the 4 Major Problems in Pools, Spas & Bodies of Water:

SEDIMENTSHIELD SUB-MICRON FILTRATION

▶ Utilizes EasyWater's proprietary blend of filtration media that backwashes clean and does not harbor bacteria

▶ Removes over 99% of bacteria in the water, dramatically reducing the amount of chlorine and other harsh pool chemicals

▶ Minimizing chlorine greatly enhances the swimming experience (eye/skin irritation)

▶ For indoor pools, significant reduction in chlorine minimizes damage/corrosion to building materials like steel, aluminum and wood

▶ Sub-micron filtration results in cleaner, clearer water and extremely low bacteria counts

▶ SedimentShield media has an expected life of 15+ years unlike sand which requires replacement every 3 years

▶ Significantly reduces turbidity or cloudiness in the water, which increases the effectiveness of the UV system

ULTRAVIOLET (UV) SYSTEM

▶ Kills bacteria, including Cryptosporidium, on contact

▶ Reduces chlorine and other chemicals, which saves money and simplifies the water treatment process

▶ UV provides highly effective sanitization and is protected from deposits and performance loss by the SedimentShield filtration and No-Salt Conditioner

NO-SALT CONDITIONERS

▶ Eliminates scale and biofilm on the pool surfaces, and in the pool heater, piping and other equipment

▶ Removes scale and biofilm in the UV, which helps maintain its rated effectiveness

▶ Minimizes system scale and biofilm where the Legionella and Pseudomonas hide and multiply, reducing the risk of disease

▶ Breaks down the cell wall of bacteria

▶ Causes flocculation of particles in the water, increasing filtration effectiveness

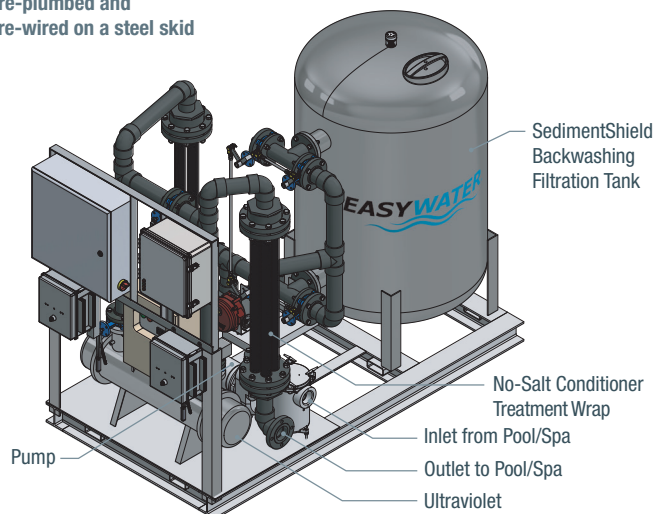▶ Removes insulating limescale from pool/spa heater, which saves energy and lengthens the life of the heater

MANUFACTURING OPTIONS & SIZING

SKID-MOUNTED

Pre-plumbed and
pre-wired on a steel skid

SedimentShield
Backwashing
Filtration Tank

No-Salt Conditioner
Treatment Wrap

Inlet from Pool/Spa

Outlet to Pool/Spa

Pump

Ultraviolet

Model #	Pool Water Volume	Steel Tank Dim	Treatment GPM
PS-12-S	4,000	12" x 60"	12
PS-25-S	9,000	18" x 60"	25
PS-50-S	18,000	24" x 60"	50
PS-75-S	27,000	30" x 65"	75
PS-100-S	36,000	36" x 65"	100
PS-150-S	54,000	42" x 65"	150
PS-185-S	66,000	48" x 72"	185
PS-235-S	84,000	54" x 72"	235
PS-300-S	108,000	60" x 72"	300
PS-360-S	129,000	66" x 72"	360
PS-425-S	153,000	72" x 72"	425
PS-500-S	180,000	78" x 72"	500
PS-580-S	208,000	84" x 72"	580

Options such as stainless tanks, piping and skids along with dual pumps and various control options are available upon request. Contact EasyWater or local rep for more information.

INDIVIDUAL COMPONENTS

Individual components
are plumbed and wired
on site

No-Salt Conditioners

Outlet to Pool/Spa

No-Salt Conditioner
Treatment Wrap

Ultraviolet

SedimentShield
Backwashing
Filtration Tank

Pump

Inlet from Pool/Spa
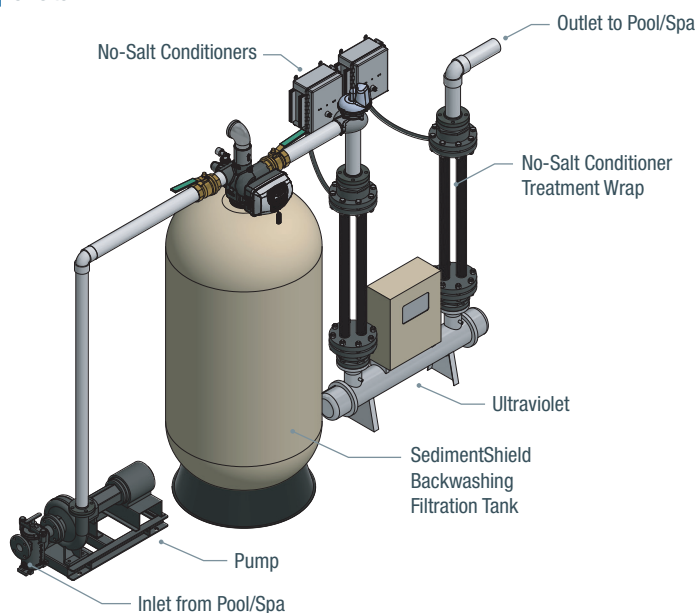
Model #	Pool Water Volume	Filtration Tanks	Treatment GPM
PS-12	4,000	12" x 54" FRP	12
PS-20	7,000	16" x 65" FRP	20
PS-35	12,000	21" x 62" FRP	35
PS-50	18,000	24" x 72" FRP	50
PS-75	27,000	30" x 72" FRP	75
PS-75	27,000	30" x 65" Steel	75
PS-100	36,000	36" x 72" FRP	100
PS-100	36,000	36" x 65" Steel	100
PS-150	54,000	42" x 72" FRP	150
PS-150	54,000	42" x 65" Steel	150
PS-185	66,000	48" x 72" Steel	185
PS-200	72,000	2 - 36" x 72" FRP	200
PS-235	84,000	54" x 72" Steel	235
PS-300	108,000	60" x 72" Steel	300
PS-300	108,000	2 - 42" x 72" FRP	300
PS-350	126,000	66" x 72" Steel	350
PS-425	153,000	72" x 72" Steel	425
PS-450	162,000	3 - 42" x 72" FRP	450
PS-500	180,000	78" x 72" Steel	500
PS-580	208,000	84" x 72" Steel	580
PS-600	216,000	4 - 42" x 72" FRP	600

Options such as stainless tanks along with dual pumps and various control options are available upon request. Contact EasyWater or local rep for more information.