

Servicing All Industries, **Globally.**



The Everfilt® Solution
A Total System Package.



Differential Pressure Gauge
(Everfilt PN:1090)

94B-SERIES AUTOMATIC BACKWASH CONTROLS

The Everfilt® line of automatic backwash controllers offers the filter system operator the advantages of fully automated filter system backwashing.

The 94B-Series backwash controllers are solid-state electronic controls, capable of operating one master valve and up-to twelve backwash valves. The control will initiate a backwash cycle after reaching a predetermined time or by receiving a signal from the pressure differential switch, indicating a dirty filter condition. **NEMA enclosures, explosion proof casings and solar power features are an available option for the 94B-Series.**



SMS-SERIES
SCREEN FILTER SYSTEM

SMS-SERIES SCREEN FILTERS

Auto Backflush (Reverse Flow), Manual Backflush (Reverse Flow), Manual Clean

Everfilt® has incorporated the unique configuration of high strength stainless steel wedge wire to remove suspended organic and inorganic solids. *Flow rates: 25 GPM to 2250 GPM.*

FEATURES

- Stainless Steel Wedge Wire Screen Cartridge
- Operation Uniformity / No Blind Spots
- Mesh Uniformity / No Screen Deformation
- Stainless Steel Housing
- Wide Range of Mesh Sizes

APPLICATIONS

- Municipal Wastewater
- Industrial Process Water - Initial Screen
- Irrigation
- Surface Water (Canal, River, Lake) Initial Screen

SK-SSM-SERIES SAND MEDIA FILTERS [SKID-MOUNTED SS]

The Everfilt® SK-SSM-Series is our standard stainless steel SSM-Series product line, with the addition of a carbon steel skid (mounting platform for filtration system). The addition of a carbon steel skid, creates a platform that allows for easy maneuverability for permanent and mobile applications. Everfilt's SK-SSM-Series Sand Media Filters include a fabricated backwash manifold, stainless steel sight glass and air/vac relief valve.



SK-SSM-SERIES
SKID-MOUNTED STAINLESS STEEL MEDIA FILTER

FEATURES

- 304SS Construction & 304SS Welded Underdrain
- Automatic Backwash Control with LCD Display

S1-SERIES SAND SEPARATORS [VERTICAL]

Everfilt's S-Series line of vertical, centrifugal sand separators are available in both carbon steel and 304 stainless steel. Most commonly used when removing suspended solids or inorganic materials down to 80 microns and rated up-to 150 PSI. Industry exclusive 'E-Flow' design accelerates incoming fluid for better solids separation and maximum performance.

FEATURES

- Removal of 98% of Solids Down to 200 Mesh / 80 Microns
- UV Resistant Epoxy Exterior Coating (Carbon Steel Models)
- 304SS Construction (Stainless Steel Models)
- Manual/Auto Purge / Accommodates Large Flow Rates
- Removes Majority of Solids Prior to Entering Sand Media
- ASME Code Available
- High-Pressure / Special Finishes / Manifolds Available

APPLICATIONS

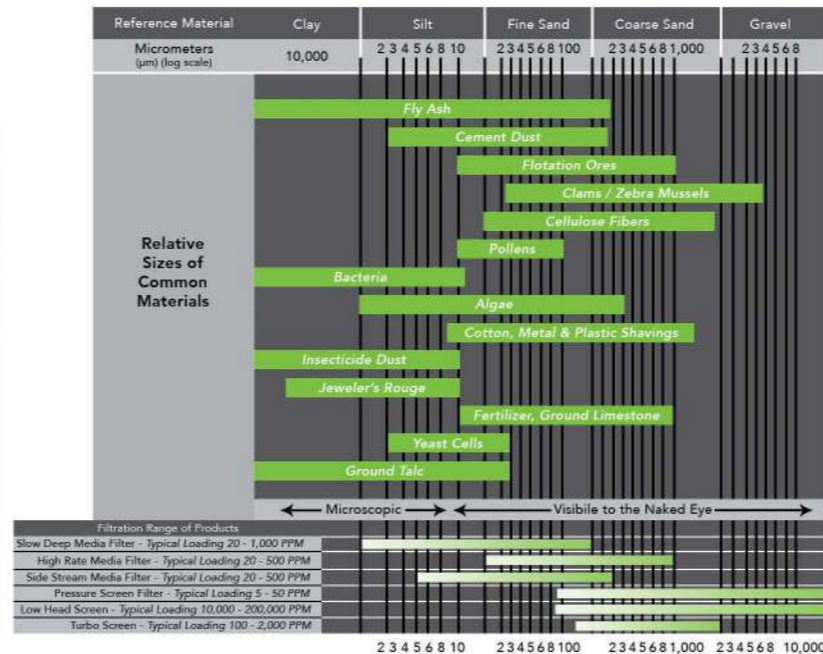
- Water Wells
- Industrial / Cooling Towers
- Pre-Filtration for Sand Media Filter Systems
- Sprinkler / Drip Irrigation



S1-40V-AGR Model Shown
Inlet/Outlet DIA: 1 NPT - 1 FPT
Flow GPM: 18 - 36
Total Length: 30.5"
Head DIA: 6"
Weight: 26.0 lbs.
*Pressure Gauge included

APPLICATION PRODUCT GUIDE & FILTRATION RANGE

Everfilt Product	MEDIA FILTER	PRESSURE SCREEN	LOW HEAD SCREEN
INDUSTRIAL PROCESS WATER	●	●	●
COOLING TOWER FILTER SYSTEMS	●	●	●
INDUSTRIAL POLLUTION CLEAN UP	●	●	●
WASTE WATER - INDUSTRIAL & MUN	●	●	●
IRRIGATION, GOLF COURSE, AGRO	●	●	●
WATER RECLAMATION & RECYCLE	●	●	●
POTABLE WATER	●	●	●
SOLIDS SEPARATION / RECOVERY	●	●	●
POOLS & PONDS	●	●	●
FOOD PROCESSING & WASHING	●	●	●
COMMERCIAL LAUNDRY WATER RECYCLE	●	●	●
WATER PARKS	●	●	●
BUS, TRUCK & CAR WASH	●	●	●
PUMP, VALVE & NOZZLE PROTECTION	●	●	●
WHITENING	●	●	●



WATER FILTRATION SYSTEMS AND EQUIPMENT

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INDUSTRIAL

FILTRATION SYSTEMS

GENERAL

APPLICATIONS

- Wastewater Treatment — Industrial & Municipal
- Cooling Tower / Cooling Water Filtration
- Industrial Process Water
- Potable Water
- Solids Separation or Recovery
- Stormwater Run-Off
- Golf Course, Landscape & Agriculture Irrigation
- Water Reclamation & Recycle
- Industrial Pollution Clean-Up
- Groundwater Remediation
- Decorative Pools & Ponds
- Food Processing & Washing
- Water Parks
- Commercial Laundry Water Recycle
- Bus, Truck & Car Wash Water Recycle

BENEFITS

- Reduce or Eliminate Sewer Discharge Fees
- Decrease Costs of Process Water / Liquids
- Reduce Cooling Tower Chemical Treatment & Costs
- Reduce Replacement Costs for Pumps, Valves, Bearings, Nozzles & Emitters
- Decrease Manufacturing Waste Factors
- Decrease Process Downtime
- Reduce Waste Disposal Downtime

TECHNOLOGY CENTER

Everfilt's engineers have been designing and building innovative water filtration equipment for industrial, municipal and agriculture, since 1978. Everfilt's systems effectively treat water as well as low viscosity liquids (such as coolants, solvents, cutting & honing oils). Our design philosophy emphasizes streamlined engineering and a modular concept, using proven technology to obtain an optimum solution. Durability and operating reliability are our primary goals.

Providing Water Filtration Analysis: Extensive field experience and testing, coupled with an in-house test facility, gives Everfilt engineers the ability to determine solutions to a wide range of liquid filtration problems. Samples of water and low viscosity liquids are evaluated to determine the most cost-effective solution to each customer's requirements.

Problem Solving: Everfilt's broad line of modular filter system components makes practical solutions to unique requirements a reality. Each system is tailored specifically to meet your needs!



Automatic packaged systems are engineered to your requirements. Everfilt's patented and proprietary technologies handle flow rates from: 1 GPM to 10,000 GPM and solids loading up to: 25 percent. Solids removal to 0.2 microns can be achieved along with the removal of

INDUSTRIAL MEDIA FILTRATION SYSTEMS

A full line of media and multi-media filters for the removal of suspended solids and turbidity, plus many dissolved solvents, soaps, chemicals and other substances found in industrial wastewater or liquids and in groundwater supplies. Capacities from 1 GPM to 10,000 GPM. Solids removal to 2 microns (0.2 microns when packaged with cartridge filters). Skid mounting, chemical injection and disinfection available in packaged systems.

FEATURES

- Automatic, Self-Cleaning
- All Steel Construction (no plastic)
- Epoxy-Coated Carbon Steel or Stainless Steel
- No Moving Parts & 3-Way Hydraulic (or neumatic) BW Valves
- Solid-State Electronic Controls & Customized Designs

APPLICATIONS

- Industrial Process Water
- Industrial Wastewater & Water Recycling
- Potable Water & Irrigation Water
- Groundwater Remediation

CTS-SERIES (COOLING TOWER FILTER SYSTEMS)

The Everfilt CTS-Series, packaged filter system is a practical and efficient means to reduce cooling tower contamination. Airborne dirt, grit, sand and microorganisms, plus water and sunlight combine to make an environment ideal for the growth of unwanted algae and slime.

An Everfilt CTS-Series filter will significantly reduce chemical treatment costs and downtime due to system fouling and save money in operating efficiency and cleanup labor.

FEATURES

- Vertical Tank w/ Symmetrical Water Distribution & Deep Sand Bed for Maximum Filtration Efficiency
- High-Strength Stainless Steel Underdrain (no plastic) & much more...



AVAILABLE MEDIA: Activated Carbon (GAC), Anthracite, Greensand Plus™, DMI-65®, Garnet, Silica Sands, Gravels and more.



STB-SERIES™ (TURBO SCREEN CONTINUOUS SELF-CLEANING FILTERS)

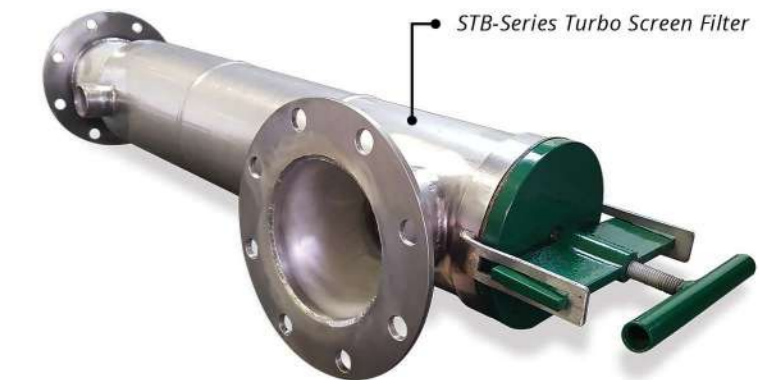
Everfilt has developed a patented TURBO SCREEN™ cartridge that incorporates the strength of stainless steel, wedge wire technology with a unique "Turbulator" to achieve high flow rates (over 6,600 GPM) and continuous, automatic screen cleaning. This advanced cartridge design is in an all stainless steel housing for long lasting performance.

FEATURES

- High Burst & Collapse Strengths
- All Stainless Steel
- High Flow Rate
- Continuous Cleaning
- No Moving Parts - Reliable Operation

APPLICATIONS

- Any high flow rate application requiring solids removal to 150 microns



AVAILABLE IN SINGLE or MULTIPLE BARRELS.

LHS-SERIES (LO HEAD SELF-CLEANING SLOPED SCREEN FILTER)

Ideally suited for removing large amounts of solids (up to 25 percent) from water and other low viscosity liquids. It is often used as a first step in separation and dewatering of solid material. A simple device, with no moving parts. Available in a wide range of screen mesh sizes, widths and flow capacities.

FEATURES

- Stainless Steel Wedge Wire Screen
- Flow Engineered Housing
- Convenient Solids Discharge Chute
- Optional Screen Impactor
- Epoxy Coated Carbon Steel or Stainless Steel Housing

APPLICATIONS

- Industrial Solids Separation or Recovery
- Fruit & Vegetable Packing
- Site Remediation
- Mining & much more...

