

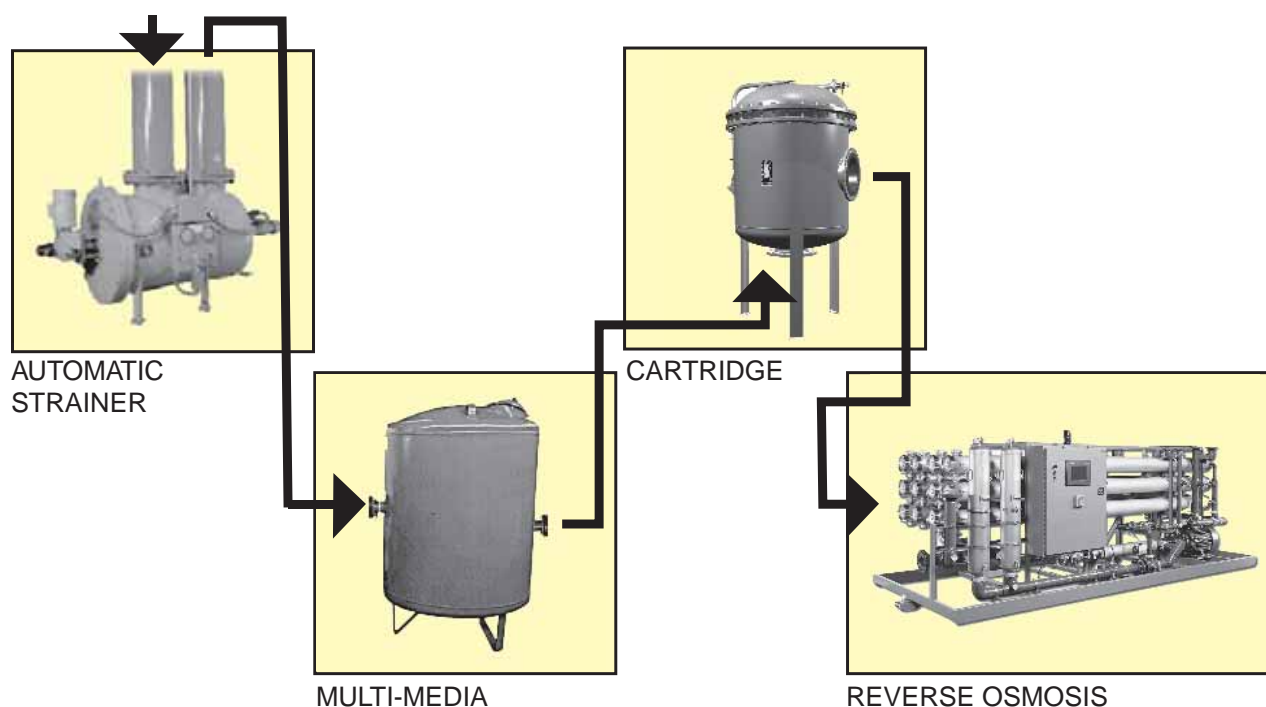


SERFILCO® STEP-DOWN FILTRATION

The goal of every solids/liquid separation project dictates the efficiency requirements of the media. The size of the solids to be retained and the consistency of its particles, all influence the type of filter to be employed. The volume of inline flows along with the PPM of solids determines the surface area required, or frequency of service.

Sometimes the use of a coarse media pre-strainer will allow a denser cartridge media to last longer. This may be followed by means of purification, softening, D.I. or R.O.

The following products are available to facilitate a lower operating cost while at the same time achieving the desired degree of clarity, along with methods of purification with carbon or the removal of salts with ion exchange or reverse osmosis.



STRAINERS

Are available as “Y” or basket type which require periodic cleaning or automatic self-cleaning for uninterrupted inline use to flow rates as high as 90,000 GPM or multiples of same to provide retention of particles in the range of 20 μ or larger.

MULTI-MEDIA

Suitable as final filters or as pre-filters for subsequent processing – often used in multiples for parallel flow, alternated for continuous duty or in series, for selective solids separation.

CARTRIDGE

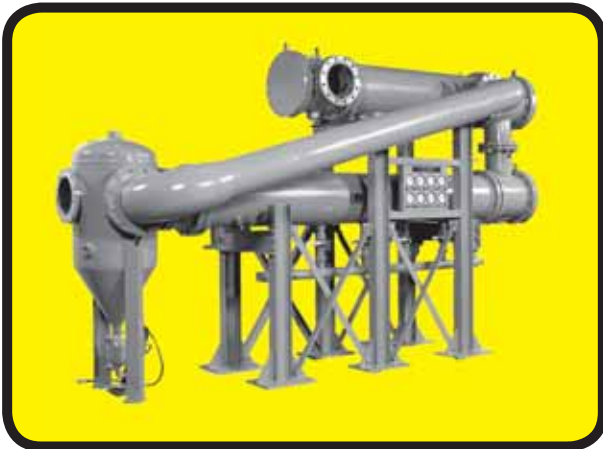
Filtration of inline water supplies may be accomplished with depth type cotton cartridges providing particle retention from 100 down to 1 micron, or disposable cartridges of the surface type which are offered in absolute ratings from .25 to 1 micron.

RP ADAMS HEAT EXCHANGE PRODUCTS



SUPERIOR WATERCOOLED REMOVABLE AND FIXED BUNDLE AFTERCOOLERS

R.P. Adams offers a wide selection of removable bundle and fixed bundle aftercoolers with and without cyclone separators to meet your compressed air and gas needs. More efficient cooling means less moisture downstream, thereby protecting sensitive process equipment. The removable tube bundle provides easy cleaning and maintenance while the fixed bundle offers significant cost savings. Many of these aftercoolers and cyclone separators are available from stock and meet the requirements of the Tubular Equipment Manufacturer's Association (TEMA) and Section VIII of the ASME Code.



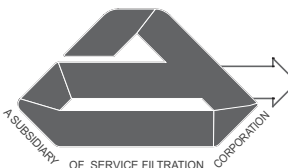
INCREASE YOUR COMPRESSED AIR VOLUME WHILE REMOVING MOISTURE WITH A REHEAT PACKAGED SYSTEM.

An R.P. Adams Reheat System works much like a refrigerated dryer, where it cools the air by lowering the dew point, removes the moisture from the stream and then reheats the air for use in your process. However, the Reheat System does not require electricity to operate, thereby saving on plant energy costs. In addition, there are no moving parts or sensitive controls, which makes this system virtually maintenance free. A Reheat System is so efficient that it can actually take the place of a refrigerated dryer.



SHELL AND TUBE HEAT EXCHANGERS

R.P. Adams offers a number of shell and tube heat exchangers, from U tube to removable bundle and fixed bundle designs, to meet your heat transfer requirements. With more than 60 years experience, R.P. Adams engineers can work closely with you to provide the best heat transfer solution for your application.



R. P. ADAMS

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MULTI-MEDIA TYPICAL INSTALLATIONS

CITRUS IRRIGATION FILTRATION



MUNICIPAL WATER TREATMENT



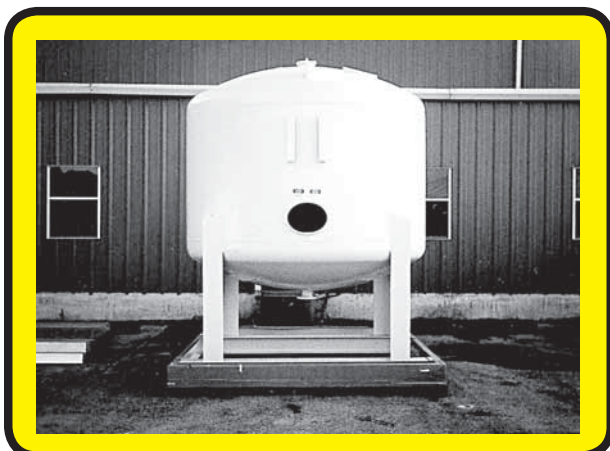
REVERSE OSMOSIS SYSTEM PRE-TREATMENT



FILTERS USED FOR LIFE SUPPORT FOR WHALES, POLAR BEARS, SHARKS AND OTHERS



BEER BREWERY FILTRATION



SALTWATER FISH FARM - BACTERIA TOWER, AERATION TOWER & FILTER SYSTEM



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RP ADAMS FILTRATION PRODUCTS



PORO-EDGE AUTOMATIC SELF-CLEANING STRAINERS

Continuously supply clean liquid to protect process equipment in industrial & municipal applications. The Poro-Edge Automatic Self-cleaning Strainer meets a wide variety of applications by removing dirt and debris from water supplies, creating water acceptable for process services. Unlike other designs, the Poro-Edge media does not come in contact with the backwash mechanism, thereby fully protecting the elements from collapse or failure. Poro-Edge comes with the industry best, two year warranty. And with 17 sizes handling flow capacities up to 85,000 GPM, you can be sure that there is a strainer to meet your needs.



LIQUID FILTER SYSTEMS FOR FINE FILTRATION

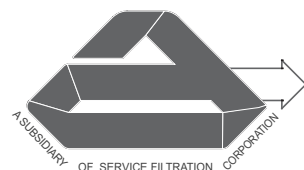
The R.P. Adams IWF Filtration System consists of multiple element filters designed to remove fine particulate from liquid process streams.

With a filter aid precoat, it will remove particulate to levels below 0.5 micron with flow rates in excess of 2 gallons per minute per square foot of filter area.



GP FILTER PROVIDES GUARANTEED PROTECTION FOR AIR, GAS AND STEAM SYSTEMS.

The GP filter has a two-step separation process that ensures maximum filtration. The filter uses a permanent filter element that will not break or collapse, even when plugged, to fully protect your process equipment. In addition, the element can be cleaned and reused.



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