

OZONE STERILIZERS

Sirco uses environmentally safe Ozone to Clean Water. Ozone is injected into the water to sterilize and kill algae, bacteria and is non-chemical, in that the Ozone reverts back to Oxygen after use. Sirco uses Ozone to clean up organics that infiltrate your tanks, canisters and plumbing. It also removes color from dyes.



OZONE SPARGING

Sirco Ozone treatment systems are used to treat volatile organics (VOCs) in groundwater. The applications are available for fueling stations or others where gasoline and other contaminants have leaked from USTs. Ozone treatment is desirable in that groundwater and soil is treated "in-situ". This eliminates pumping and hauling of large quantities of water for offsite disposal and the high cost of carbon or thermal destruction techniques. Systems are available for 20 wells or more in a plume field. An average site can be remediated in about 1/3 the time as with other technologies.



Sirco Industrial, Inc continues to provide all support pumping, controls, IX resins and services for industrial water and waste water customers. We can provide leasing, rental services and hazardous waste shipping programs where necessary.

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SIRCO

INDUSTRIAL, INC.



Sirco is a manufacturer and supplier of water and waste water treatment products and services. We serve the metal finishing, printed circuit, aerospace, connector, plumbing and hardware industries as well as unique groundwater treatment technologies. Sirco specializes in recycling water and wastes by employing Ion Exchange, Reverse Osmosis, Evaporation, Electrolytic recovery and Ozone technologies.

ION EXCHANGE SYSTEMS

10 to 300 GPM
Automatic or Manual.
Self-regenerating or off-site regeneration.

Let Sirco design the system that's right for you.



Sirco water treatment technologies include the use of Ion Exchange (IX) to remove dissolved contaminants in water. Sirco manufactures the CLRS automatic regeneration IX Systems for closed loop rinsing operations. The systems are dual train to provide continuous treatment capacity while being very frugal in the use of regeneration chemistry. The CLRS is unique in that it uses the FLOWMatix DSLM System that monitors the loading input to the system and displays the capacity remaining before regeneration is required.

For all canisters that are regenerated off site we offer a forklift ready, wire mesh basket that protects the canisters during shipping. The canisters can be left in the basket and placed on your spill containment for ease of handling.



PUMP STATIONS

Pump Station shown with High Head Multi Stage Stainless Steel Pump with "Y" Strainer, a Flow Control valve and Flow Rotometer. Pump delivers water to a bag pre-filter, a 10 micron filter, and carbon filter before sending the water for IX processing. Each filter is supplied with pressure gauge and drain into the holding tank. The tank includes level controls to prevent the pump from running dry, and the front panel contains a safety disconnect.



IX SYSTEM WITH PLATE OUT CELLS

Plate Out Cells recover metals from waste water during drag outs. Sirco Metal Recovery Systems treat metal bearing regenerates and rinse concentrates by electrolytic recovery. The dissolved metals are recovered and organics such as cyanides are destroyed. Metals are recovered for reuse or sold as scrap.



EVAPORATORS

Sirco Evaporator systems are designed to reduce waste waters to a concentrate, often to allow recovery of metals or chemistry or provide less expensive disposal. The EVAP System is manufactured with all acid resistant materials for waste water concentrates. Evaporation rates from 10 to 40 gph are available, and heating and condensate recovery systems are options.



ELECTRICAL CONTROL PANELS



Touch screen HMI systems for ultimate control. The panels house the brains to our automated systems and also includes Sirco's FlowMatix DSLM to track the loading and optimize the system operation.

Sirco's FlowMatix DSLM UNIT

FlowMatix DSLM Unit will monitor the IX system's performance and optimize the regeneration process. It displays total flow and total accumulated loading.

