

Lewis Mechanical Sales, Inc

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 Manufacturers Representative

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Solids Separators Discount List

For unlisted items, call us at 361-882-2233

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Brand	Name	Description	Disc off List
LAKOS	HTX	<p>LAKOS HTX high performance liquid-solids separation systems</p> <p>Exclusive internal acceleration creates maximum performance to achieve maximum protection of fluid handling systems from unwanted solids. Its advanced and patented design, building upon the performance LAKOS is known for, now also removes 50% more of the finer solids (<40 microns), higher resulting in higher aggregate solids removal. Independently tested. Proven superior for today's demanding filtration requirements. For settable solids only.</p> <ul style="list-style-type: none"> • Trouble-free operation & advanced purging/solids-handling concepts keep fluids clean and concentrate separated solids • No screens or filter elements to clean or replace; no messy servicing routines • No backwashing; zero fluid loss options • Low and steady pressure loss • Choice of profiles to accommodate space/piping limitations • Rigid couplings for fast and easy internal access • Swirlax™ internal accelerating slots for optimum solids-removal performance; patented • Vortube™ for enhanced solids separation/collection; patented • Optional solids handling package without liquid loss or excessive piping • Grooved inlet/outlet connections for easy installation • In-line inlet/outlet configuration for simplified piping (low-profile models only) • Unishell construction for easy installation • Optional material construction and ASME code 	10%
LAKOS	eHTX	<p>LAKOS eHTX high efficiency liquid-solid separators</p> <p>Continuous filtration with zero maintenance Filter performance rated to remove 98% of all solids 44 micron (325 mesh), 2.6 specific gravity, and larger in a single pass and 99% down to 25 micron (550 mesh) in recirculated systems.</p> <ul style="list-style-type: none"> • No moving parts to wear out; no barriers or media to change • Space saving vertical profiles • Low and steady pressure loss; as low as 2 psid • Options for zero water loss • Continuous filtration and no backwashing; periodic automated purging eliminates routine maintenance and messy service routines • Optional materials of construction and ASME code available • Improve downstream thermal efficiency of heat transfer surfaces • eHTX Separators include pressure gauges <p>Separated Solids Disposal Benefits:</p> <ul style="list-style-type: none"> • Filter 100% of flow from the cooling tower to downstream equipment – with zero downtime • Maintain design heat transfer efficiencies on new and existing equipment • Significantly extend maintenance intervals for cleaning chiller tubes, plate heat exchangers, compressors, etc. • Zero filtration maintenance when using LAKOS Controllers and Automated Purge Valves • Point of use application <p>Electric Fail-Safe Valve (EFS) Features and Benefits:</p> <ul style="list-style-type: none"> • Battery backup electric fail-safe option automatically closes valve in event of power failure • Eliminates manual purging • EFS actuator features an electronic circuit that automatically adjusts the motor speed (depending on torque variations) to keep cycle time constant – maintaining consistent purge durations • Ability to set both purge duration and interval 	10%
LAKOS	TCX	<p>LAKOS TCX TowerClean Systems - Packaged Separator Systems for Cooling Towers and Remote Sumps</p> <p>Energy Efficient, Environmentally Friendly Designs Save energy, water and money Reduce biofouling and the risk of Legionnaires Disease Eliminate manual basin cleaning Minimize maintenance & downtime Virtually eliminate underdeposit corrosion Protect the environment and natural resources Optimize the effectiveness of water treatment programs Maximize equipment life Increase thermal performance of your heat exchanger or chiller</p>	10%

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LAKOS	MTS	<p data-bbox="518 79 992 100">MTS MediaGem™ Sand Filter for Sub-Micron Performance</p>  <p data-bbox="518 121 797 142">MediaGem Features and Benefits:</p> <ul data-bbox="518 149 1393 491" style="list-style-type: none"> • Remove floating and suspended solids as small as .45 microns, perfect for applications where ultrafine filtration is critical to system operation • Specialized layered media provides effective ultrafine filtration and improves upon traditional sand filter solids removal efficiencies, providing filtration as low as .45 micron • LAKOS proprietary lateral underdrain system supports optimum flow rates and provides proper fluidization of the media bed as required, further assisting with reduced backwash cycles and improved filtration efficiencies • Low horsepower requirements consistent with sizing requirements result in reduced energy consumption • Fully automatic system with optional BMS (Building Management System) integration makes unit easy to operate and maintain • Multiple units can be combined to filter flow rates larger than 100 gpm • MediaGem Sand Filters can be easily paired with LAKOS Separators to greatly reduce backwash cycles – hence saving water and reducing water use and disposal costs • Backed by LAKOS manufacturing quality and customer quality standards 	10%
LAKOS	STS	<p data-bbox="518 520 935 541">STS Stainless Steel Media Filters for Cooling Towers</p>  <p data-bbox="518 562 1341 659">Exceeds industry specifications for keeping cooling water systems free of troublesome contaminants. Removes particles and floating debris. Controls build-up in tower basins and remote sumps. Helps maintain optimum operating conditions for reduced maintenance, servicing, downtime, energy costs, water loss and chemical usage.</p> <p data-bbox="518 684 1320 806">LAKOS STS Tower System Media Filters are designed exclusively for the demands of cooling tower operations. Filtration down to 5 micron is available as standard. Options for filtration down to 0.5 micron are available. Either for side stream or full stream applications, Tower System Media Filters offer a full range of systems to meet your specific needs. High pressure ratings and ASME code options are available.</p> <p data-bbox="518 831 1154 852">Filtration efficiency of 90% removal by volume of particles 5 micron and larger</p> <ul data-bbox="542 858 1268 879" style="list-style-type: none"> • Uniform, high porosity media for consistent, reliable performance at a low pressure loss <p data-bbox="518 884 1013 905">Stainless steel tanks are durable, long-lasting, and affordable</p> <p data-bbox="518 909 667 930">Backwash Options</p> <ul data-bbox="542 936 1287 978" style="list-style-type: none"> • Durable, electrically-actuated, mechanically-linked butterfly valves • Piping configurations for backwashing with system water or municipal/other water source <p data-bbox="518 982 743 1003">Effective underdrain design</p> <ul data-bbox="542 1010 1122 1152" style="list-style-type: none"> • Encourages uniform flow through the sand media • Industry-low pressure loss • Field serviceable • Provides high capacity backwashing for through media cleaning cycles • Prevents residual build-up and excessive backwash frequency • Choice of source water or public water for backwashing <p data-bbox="518 1157 748 1178">Complete, packaged system</p> <ul data-bbox="542 1184 1276 1251" style="list-style-type: none"> • Includes filter, automatic controls, valves, pump, pump strainer and piping on a rigid skid • Media provided • Easy installation and startup <p data-bbox="518 1255 748 1276">Compact, low-profile design</p> <ul data-bbox="542 1283 1049 1304" style="list-style-type: none"> • Minimum space requirements, easy handling and installation 	10%
LAKOS	Parts	OEM parts for your solids separators. Call for individual parts pricing.	10%