



Application Engineering®

PROVIDING SOLUTIONS, NOT JUST EQUIPMENT



SAND AND GRAVEL FILTERS

Sand and Gravel Filters provide heavy-duty filtration to protect equipment by trapping dirt and other particulate matter. The AEC unit contains a precharged bed of sand and gravel that must be cleaned periodically. Cleaning is easily accomplished by periodically reversing the flow of water through the filter vessel. Reverse flow "fluffs" the sand bed, freeing dirt and entrapped material, which is directed to a waste line. Automatic "backwash" can be achieved with a timer (Model SG250A), or by a pressure differential switch (Model SG250P).

SG-250A sand and gravel automatic backwash filters are available in 250-ton (756,000 Kcal/hr) tower (Model SG-250A) and 500-ton (1,512,000 Kcal/hr) chiller (Model SG250P) maximum capacity. Please specify when ordering.

SAND AND GRAVEL FILTERS

AEC sand and gravel filters are offered for use on cooling tower or chilled water systems requiring large capacity, heavy-duty suspended solids removal. The system switches valves automatically.

STANDARD FEATURES

- Tank
- Valve manifold
- Gauges
- Initial charge of sand and gravel
- Side stream device

OPTIONAL FEATURES

- Tower or chiller operation
- Pressure differential backwash or time-operated

Model	Length, in. (cm)	Width, in. (cm)	Height, in. (cm)	Ship. weight, lbs. (kg)
SG250A	40 (101)	48 (122)	39 (99)	1800 (818)



SAND AND GRAVEL FILTERS

www.aecinternet.com



AUXILIARY EQUIPMENT FOR PROCESSORS IN THE PLASTICS, FOOD, CHEMICAL, PHARMACEUTICAL, PRINTING, AND MACHINE TOOL INDUSTRIES

AEC Inc.'s products and systems are used in critical manufacturing applications throughout North and South America, Asia, and Europe. We serve and support our customers world wide with products and systems designed for 24/7 operation. Factory trained sales, service and parts support are available around the world at AEC, Inc and AEC, Inc affiliated locations. We look forward to working with you.



GRANULATE

AEC, Inc. provides a wide range of size reduction/granulation equipment and systems. Beside-the-press, below-the-press and central granulators along with single-stage shredders or dual-stage shredder granulators are available in a variety of sizes and power/capacity/ throughput ranges.

SYSTEMS CONTRACTING

One of our greatest strengths is taking your production requirements and business objectives and recommending one or more approaches to a complete auxiliary system design. We work with you through the design, engineering, manufacturing and installation phases to meet your unique application needs, plus we maintain a strong relationship in the future.

MATERIAL HANDLING

AEC, Inc is a recognized leader in the design and manufacture of resin conveying, drying, crystallizing, blending and feeding equipment and systems. From bulk storage products (silos, bins, tilters) and simple beside the press loading to sophisticated central conveying and drying systems, we have equipment that has been designed to work together to give you efficient, reliable operation, wherever your facility is located. Our equipment feature intuitive controls with options that facilitate equipment networking process data collection. Modular designs allow you flexibility as your processes grow and change.

BLEND & RECLAIM

AEC, Inc provides a wide range of blending and feeding systems for metering resin and other plastics processing additives into extruders, injection molding machines and other process equipment. Choice of batch weigh blenders, gravimetric loss-in-weight continuous blenders, single and multi-component volumetric additive feeders and weigh hoppers allow us to recommend the best blending technology for your process. AEC, Inc. extrusion also provides scrap reclaim systems and co-extrusion control systems. Let us show you how you can speed line start-up, shut-down and increase yield with our systems.

HEAT & COOL

AEC, Inc. provides a wide range of chilling, temperature control (heat/cool), reservoir pump tank equipment and systems for plastics and other processors. Whether you need chillers, pump tanks or TCUs, let us recommend the type of cooling or temperature control equipment that matches your application and your potential future production needs. We can evaluate your expected system loads and load characteristics, energy and climate related issues as well as incorporating new equipment with chillers and process heating equipment you already own.

www.aecinternet.com
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AEC is committed to a continuing program of product improvement. Specifications, appearances and dimensions are subject to change without notice.

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