



# HEAT & COOL

## SAND AND GRAVEL FILTERS



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 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



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