

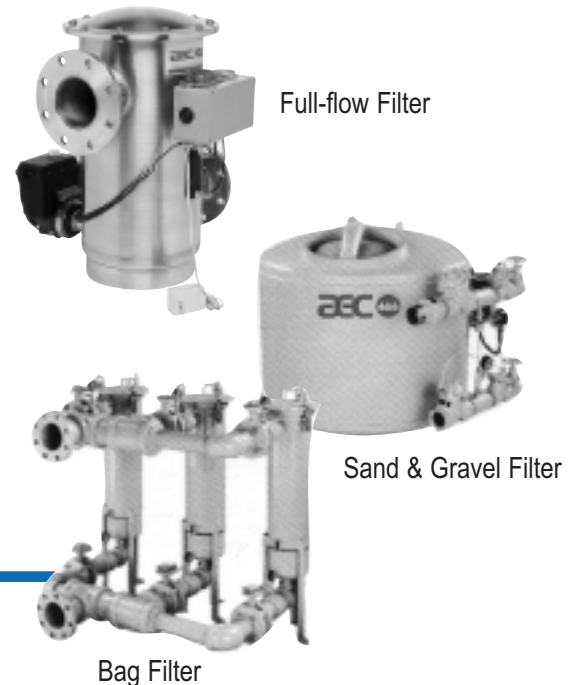


SAND & GRAVEL, BAG, AND FULL-FLOW FILTERS

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.

BF Series bag filters can be used in full flow or bypass configurations. A bypass configuration is recommended for chilled water systems.

WF Series full-flow filters feature a conical shaped screen. Heavy solids are forced to the bottom of the strainer. A flush port on the filter housing allows collected debris to be easily purged from the system.



SAND & GRAVEL FILTERS

- Tank
- Valve manifold
- Gauges
- Initial charge of sand and gravel

BF SERIES BAG FILTERS

- Bypass
- Pressure gauges
- 25 micron filter bags

WF SERIES FULL-FLOW FILTERS

- Filter housing, filter elements, and flanges constructed from 304 stainless steel
- Max. working pressure is 100 psi (689.5kPa/6.895 bars).
- 80 mesh standard screen size; 40 mesh can be used for tower water.
- Valving and bypass not included

SAND & GRAVEL FILTER OPTIONS

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

BAG FILTER OPTIONS

- Differential pressure alarm, 115/1/60 supply with a 10 ft. power cord. includes 20 ft. of poly tubing, differential pressure switch, audible and visual alarms, and silence button for audible alarm
- Additional filter bags

FULL-FLOW FILTER OPTIONS

- Differential pressure alarm
- Automatic dump valve with timer
- Additional stainless steel strainer basket
- Other screen mesh sizes: 16M, 30M, 40M, 50M, 60M, 100M, 120M, 200M

SAND & 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.

Model	Length, in. (cm)	Width, in. (cm)	Height, in. (cm)	Ship. weight, lbs. (kg)
SG250	40 (101)	48 (122)	39 (99)	1800 (818)

BAG FILTERS

Full Flow Bag Filters are an economical way to remove dirt and particulate from your cooling water system. Complete assembly includes bypass, pressure gauges and 25 micron filter bags. An optional pressure differential alarm is also available.

Model	Max. flow, gpm (lpm)	# filter bags required	# filter bags supplied	Pipe size, in. NPT (mm)
BF-30	30 (113)	1	3	1.5 (38)
BF-65	65 (246)	1	3	2.5 (63)
BF-90	90 (340)	1	3	2.5 (63)
BF-200	200 (757)	1	3	3 (76)
BF-300	300 (1135)	2	6	4 (102)
BF-450	450 (1703)	3	12	5 (127)

FULL-FLOW FILTERS

Model	Max. flow, gpm (lpm)	Connection size/flange, in. (mm)
WF-100	100 (378)	2 (51)
WF-200	200 (757)	3 (76)
WF-350	350 (1325)	4 (102)
WF-750	750 (2839)	6 (152)
WF-1300	1300 (4920)	8 (203)
WF-2000	2000 (7570)	10 (254)

