



G2 Filtration



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G-2 Centrifuge Filter

Effective removal of solids to less than 1 micron

The G-2 uses centrifugal force to remove particles down to one-tenth of a micron in diameter. Contaminants aren't continually circulated through your system, so the cleaner fluid has a longer service life and reduces wear on components. The G-2 centrifuge removes smaller particles better than any filter. The G-2 unit generates a centrifugal force 2,000 times greater than gravity. The centrifugal force does two things. First, it forces dirt particles (down to tenths of a micron) out of the fluid and onto the centrifuge bowl surface, where they accumulate and are kept from recirculating. Second, the force is so great; it compacts the dirt particles into a solid cake on the bowl wall. The bowl is easily removed for disposal of the compacted solids.

The centrifuge is recognized as the most effective method of removing contaminants from fluids.



Benefits

- No screens , cartridges, or filter elements to replace
- No backwashing
- Low maintenance
- No liquid loss
- Removes particles down to 0.1 micron
- Fast, efficient, and reliable operation
- 2,000 times the force of gravity
- Operates at speeds up to 6,000 RPM

APPLICATIONS

Hydraulic oil Protect Servo Valves Machine tool coolants Filter synthetic lubricants Protect reverse osmosis systems Keep Spray Nozzles Open Parts Washers	Cooling water Solvents Remove precipitated solids Remove Plastic Fines from Water Protect Cylinders Remove Undispersed Solids Protect Pumps
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20 GPM

Model # 22-100-B-AB-B-0000

1 each 16 GPM centrifuge	Pressure relief valve with flow sensor shut-off	Turbine flow indicator
Pressure relief valve with flow sensor shut-off	Pump lockout switch	Standard voltage: 480 VAC, other voltages available
EEMAC 12 electrical enclosure	Priming port	2 1/2" inlet ball valve
Sample line with 3/4" valve	Ross Air Shutoff valve	Liquid filled pressure gauge
Pressure achieved / loss of pressure switch	Cleaning kit with tools (wrench, clevis tool, scraper)	Gusher Pump – Centrifugal 5HP
Swing check valve on outlet	Air pressure regulator	Enamel painted steel stand

40 GPM

Model # 22-100-C-AB-B-0000

2 each 16 GPM centrifuges	Pressure relief valve with flow sensor shut-off	Turbine flow indicator
Pressure relief valve with flow sensor shut-off	Pump lockout switch	Standard voltage: 480 VAC, other voltages available
EEMAC 12 electrical enclosure	Priming port	2 1/2" inlet ball valve
Sample line with 3/4" valve	Ross Air Shutoff valve	Liquid filled pressure gauge
Pressure achieved / loss of pressure switch	Cleaning kit with tools (wrench, clevis tool, scraper)	Gusher Pump – Centrifugal 7.5HP
Swing check valve on outlet	Air pressure regulator	Enamel painted steel stand

Higher capacity models are available

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