

# SUNRISE

## Filtration System FC-1 Portable Series

Filtration is the key element in maintaining an efficient hydraulic system. The FC-1 help you to Save Time, Labor and Maintenance Cost

### Filter Elements:

- The SUNRISE filtration system uses two separate filters. Fluid passes through one filter for a general cleaning, and then through the other filter for the ultrafine particles.
- The first filter uses wire elements which can be washed and reused. The second filter, which is replaceable, has a large capacity for holding dirt.

### Filter Pump:

- The filter system uses a 40 liter per minute gear pump. The high capacity reduces the time needed for filtration, and improves the quality of the job.
- The system can be used as an oil transfer pump for filling and draining oil from/to hydraulic systems.



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### Major Features:

- It comes with an indicator which shows the condition of the elements, and which also indicates when they should be replaced.
- The elements are easy to change, and no extra tools are required.
- It's portable and easy to move. It weights only 68 kg and requires little space.
- Includes a heavy duty drip pan which is easy to operate.
- Fluids: 500 SSU max. with 0.85 SG.
- Discharge filter element is the only thing which needs to be changed. The running cost is very economical.



Return Filters and Accessories

### Standard Components:

- 1 HP 110V single phase motor.
- 40 liter/min. gear pump.
- 141 $\mu$  primary (inlet) clean up filter.
- 10 $\mu$  final (discharge) filter (3 $\mu$  element on request).
- 30-foot electrical cord with on-off switch and plug.
- Comes complete with two 10-foot long hoses, 1" in diameter.
- 3-foot tubes for both hoses.



Reservoir Filters



Filter Elements

### Optional Spare Parts:

	Port	Filter		Flow $\Delta P$ 5PSI	Filtering Spec.	
		Case	Element		Standard Item	Optional Item
Spin-On Filters	3/4" NPTF	AF-07-25-1	AE-10	40 $\ell$ / min	10 $\mu$	25 $\mu$
			AE-10L	60 $\ell$ / min	10 $\mu$	25 $\mu$
	1~1 1/4" NPTF	SF-120-25-1	SE-10	120 $\ell$ / min	10 $\mu$	3 $\mu$ • 25 $\mu$
			LE-10	150 $\ell$ / min	10 $\mu$	3 $\mu$ • 25 $\mu$
Reservoir Filters	1 1/2" NPTF	RE-1500-S-25-FC	RE-409-10	180 $\ell$ / min	10 $\mu$	3 $\mu$
		RE-1500-S-05-FC	RE-409-100	130 $\ell$ / min	141 $\mu$ for suction end	
	2" FLANGE	WF-2200-A-25-B	WE-509-10	300 $\ell$ / min	10 $\mu$	3 $\mu$
		WF-2200-A-05-B	WE-509-100	230 $\ell$ / min	141 $\mu$ for suction end	
	2 1/2" FLANGE	WF-2520-B-25-B	WE-518-10	420 $\ell$ / min	10 $\mu$	3 $\mu$
		WF-2520-B-05-B	WE-518-100	350 $\ell$ / min	141 $\mu$ for suction end	
	3" FLANGE	WF-2300-B-25-B	WE-518-10	600 $\ell$ / min	10 $\mu$	3 $\mu$
		WF-2300-B-05-B	WE-518-100	500 $\ell$ / min	141 $\mu$ for suction end	