

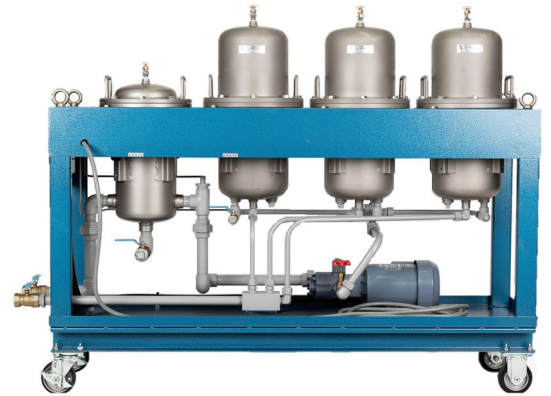


Triple R

OSCA Series



CS-SS103-H114-2R



CS-SS103-H114-3RC

Features

- Remove 99% of solid particles, absorb water, eliminate sludge, varnish, soot, carbon and other oil oxidation products that cannot be removed with conventional filters
- Purifies oil systems with a volume of up to 80,000 litres
- Direct connection to hydraulic, lubrication and water reservoirs
- Operates independently of system

Benefits

- Prevents defects in Hydraulic systems and extends Hydraulic and gearbox component life through optimised oil conditioning
- Extends the oil life by up to 40,000 hours
- Extends the life of standard filters
- Reduce operating cost by reducing oil consumption, and waste oil while extending full flow filter life
- Reduce machine downtime by allowing safe element change while system is operating

Accessories and Options



Particle counter

Particle counters can be added to any Triple R filter to monitor the cleanliness of incoming oil in order to trend system condition.



Installation and Service Plans

Plans to help you install and maintain the product for its life. Service plans can be extended to include entire hydraulic and lubrication systems.



Air bleed

Manually operated valve for bleeding air from the housing during commission or after element change. (SE-102 & 103 only)



Oil Condition/Remote monitoring

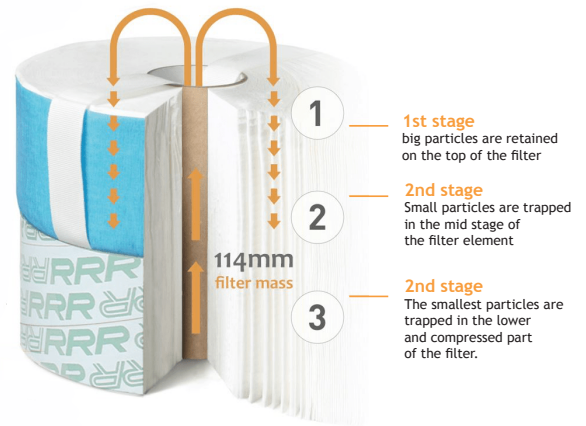
Remote monitoring of oil condition to help with assessing asset health and provide early breakdown warning.



Filtration Technology

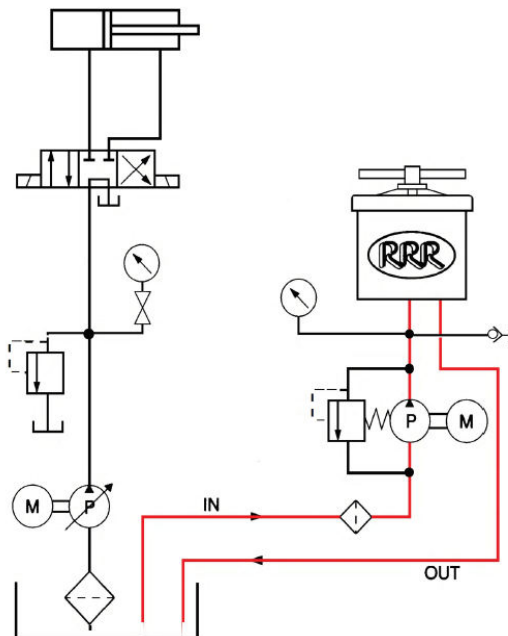
Triple R filters are constructed from specially engineered cellulose media, wound around a central supporting core. The combination of Triple R's special cellulose material and the thickness of the element allows absorbing of water and sludge. The lower part of the element is compressed by a cardboard ring, creating an even finer final filter medium.

The oil is forced axially through the filter element by the motor/pump combination, with pressureless return.



Installation and Sizing

Typical Installation



Installation and Service

We offer a range of plans for most Hydraulic and Lubrication systems.

How it works

The OSCA system is connected to a Hydraulic or lubrication tank, offline. It has its own motor-pump combination, making the OSCA series systems suitable for connection to both oil tanks and gearboxes. The OSCA draws oil from the tank, pumps fluid through the filter housing and back to the oil compartment.

Model	Hydraulic Oil	Lubrication Oil	Dimensions (mm)	IN/OUT	Material
102 2R	~6L/Min	~5L/Min	~400x1000x1000	3/4"x3/4"	Stainless
103 2R	~12L/Min	~9L/Min	~400x1000x1000	3/4"x3/4"	Stainless
305 1R	~25L/Min	~25L/Min	~800x700x1600	1-1/4"	Steel
305 2R	~50L/Min	~50L/Min	~1400x700x1600	1-1/2"	Steel
305 3R	~80L/Min	~75L/Min	~2200x700x1600	2"	Steel
305 6R	~160L/Min	~120L/Min	~2200x1500x1600	2.3"	Steel





Hydraulic Oil Capacity

Tank Capacity	102 2R	103 2R	305 1R	305 2R	305 3R	305 6R
< 4000L	■					
< 6000L		■				
< 10000L			■			
< 20000L				■		
< 40000L					■	
< 80000L						■

^Based on tank capacity in typical hydraulic power unit applications. Suitability will vary depending on application.

Lubrication Oil Capacity

Tank Capacity	102 2R	103 2R	305 1R	305 2R	305 3R	305 6R
< 1500L	■					
< 2000L		■				
< 3000L			■			
< 6000L				■		
<10000L					■	
<20000L						■

^Based on tank capacity in typical Lubrication oil unit applications. Suitability will vary depending on application.

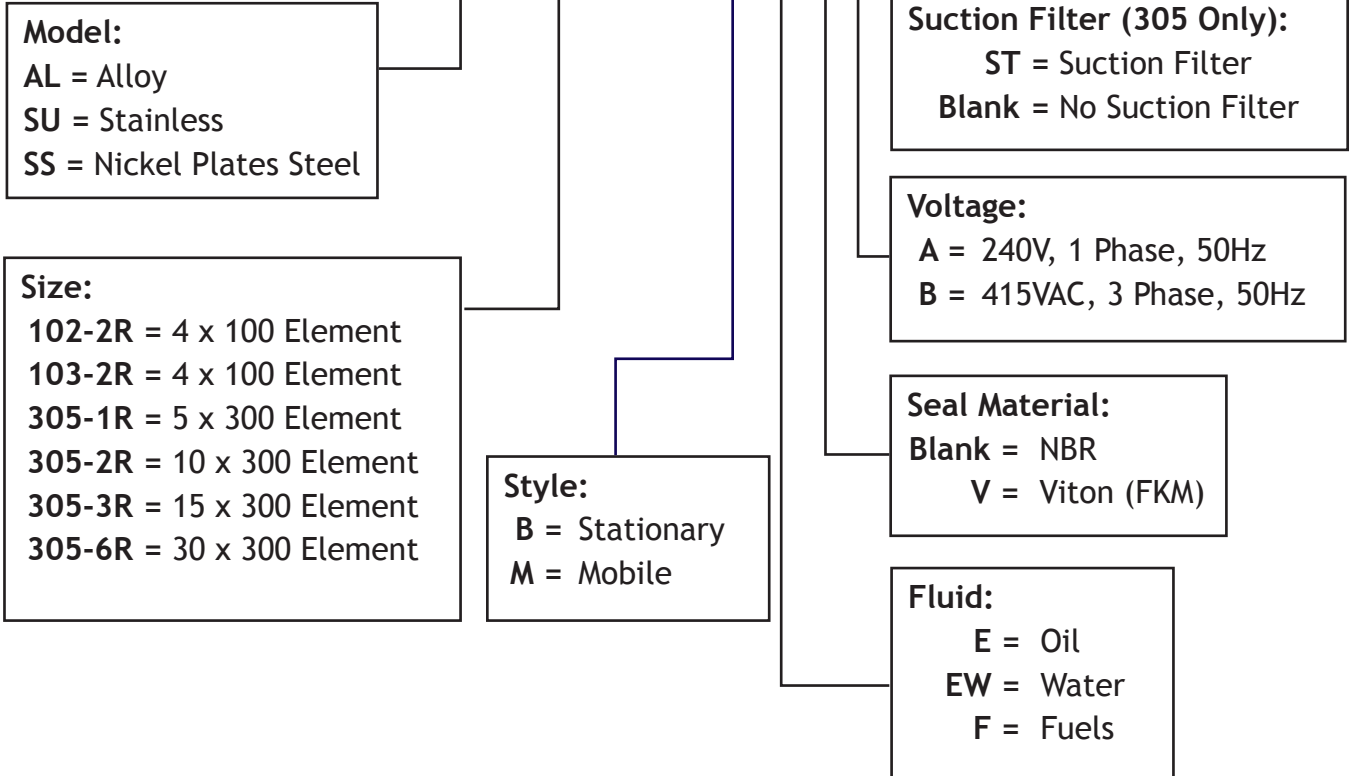
For larger tank capacities or severe applications contact us for a custom engineered solution.





Model Code

CS-SS305-1R-M-E-V-A-S



Filter Elements



	D-Series	M-Series	E-Series	E-SP Series	X-Series	WE-Series	WG-Series	DWG-Series
Absolute Rating	3µm	3µm	5µm	5µm	10µm	Water absorbing element	10µm	10µm
Filtration Efficiency	B ³ > 458	B ₃ ≥ 929	B ₅ >539	B ₅ >539	B ₁₀ >145	N/A	B ₁₀ >75	B ₅ >75
Media	Cellulose	Cellulose	Cellulose	Cellulose	Cellulose	Acrylic		
Fluid	Hydraulic & Lube oils	Hydraulic Oil & Fuels	Hydraulic and Engine Oils	Compressor Fluids	Lube Oil	All Oils	Water Glycols	Water Glycols
Features	High dirt holding, Long life			Resistant to Ammonia		Will hold up to 900ml of water		High dirt holding
Part Numbers								
Size 100	TR-20000	TR-20430	TR-20470	TR-20472	TR-25450	TR-20450	TR-25470	TR-25480
Size 300	TR-20515	TR-20520	TR-20510	N/A	TR-25450	TR-20512	N/A	N/A

