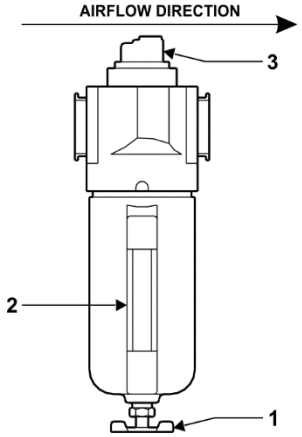
INSTRUCTIONS

MOTOR GUARD CORPORATION

MODEL CO-4515
OIL REMOVING FILTER

INSTALLATION

The Model CO-4515 Oil Removing Filter contains a .01 micron coalescing filter element designed to remove damaging oil aerosols from the air stream. This filter is perfect for spray painting and other applications where oil free air is required.



FEATURES

- .01 Micron Replaceable Coalescing Filter Element
- Pop-Up Service Indicator Signals Need for Element Change
- Non-Clogging Manual Drain
- Highly-Visible, Ball-Float Type Sight Glass

SPECIFICATIONS

Maximum Airflow:	50 CFM
Operating Temperature Range:	40-160 F
Maximum Inlet Pressure:	250 PSI
Port Size:	1/2 NPT

Before installing unit, relieve upstream pressure completely. Install unit level with drain facing down. Install unit in air supply line upstream of regulators and downstream of pre-filters. Unit should be installed as close as possible to tools or appliances served. Install so that airflow is in the direction indicated by the arrow on top of the unit. Unit is designed for installation in a 1/2" line, use appropriate fittings for installation in other line sizes. Apply pipe thread compound to male thread connections.

WARNING: This product is intended for use on industrial compressed air systems only. It is not to be used on life support or breathing air systems. Do not install where pressures or temperatures can exceed those listed above.

OPERATION

Before pressurizing, be sure bowl is turned fully clockwise. Pressurize slowly to avoid high-pressure surge.

Inspect daily for leaks.

Check level of accumulated liquid daily at sight glass (2) and drain moisture by turning drain cock (1) counter-clockwise.

Check service indicator (3) regularly and replace filter when necessary.

If used properly, the filter should give long, trouble free service. The pressure drop across the filter should not exceed 10 PSI. If the pressure drop exceeds 10 PSI, either the filter element needs to be replaced or the unit is being operated beyond its capacity and a larger unit is required. Operating at a pressure drop of greater than 10 PSI will greatly reduce the efficiency of the filter.

Installation of a 40 micron pre-filter upstream of this unit will greatly extend the life of the filter.

580 CARNEGIE STREET
MANTECA, CA 95337

1-800-227-2822
FAX 209-239-5114

www.motorguard.com

Rev 01/18 33142

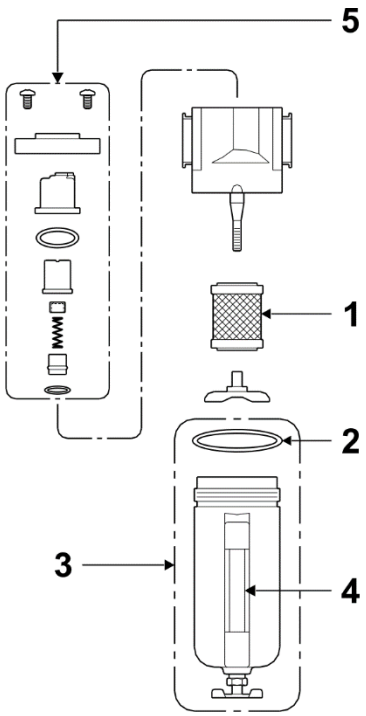
MAINTENANCE

When service indicator pops up, filter element should be replaced to avoid excessive pressure drop.

WARNING: Shut off air supply and drain residual pressure before attempting to service any part of the system!

Filter Replacement

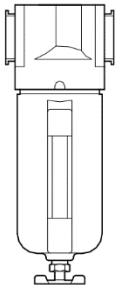
To replace element, depressurize system, unscrew bowl and remove element. Wash sludge and sediment from bowl with warm, soapy water. Inspect O-ring and replace if damaged or distorted. Reassemble bowl, taking care not to damage threads. After bowl is tightened it may be rotated up to 180° for proper viewing.



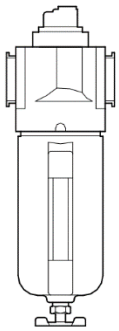
Replacement Parts

	Part No.	Ord. No.	Description	Qty.
1	EL4015	74015	Element, Coalescing, .01 Micron, Pk/2	1
2	RK4047	74047	O-Ring, Bowl, Std. Flow	1
3	EL4003	74003	Bowl Kit w/ Sight, Std. Flow	1
4	RK4204	74204	Sight Tube Kit, Std. Flow	1
5	RK4302	74302	Pop-Up Indicator Repair Kit	1

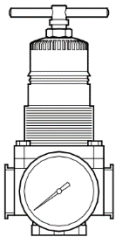
Build a Complete System with these Air Management Products from Motor Guard



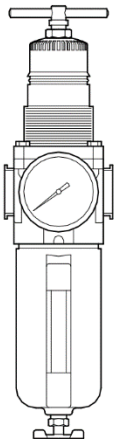
PARTICULATE AIR FILTER AF-4515



OIL REMOVING FILTER CO-4515



PRECISION AIR REGULATOR RG-4520



COMBINATION FILTER/REGULATOR AC-4525

Economical Solutions to All Your Shop Air Needs