Grauling Research, Inc.
ADVANCED DEVELOPMENT SERVICES

TWO STAGE EXHAUST FILTERS

.87 [22 mm]

8.42 [214 mm]

.87 [22 mm]

4.5 [105 mm]

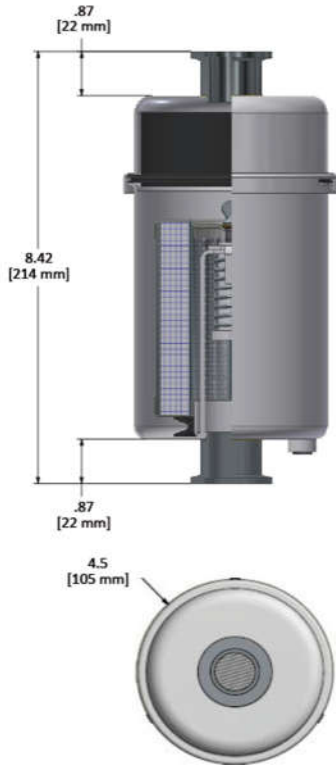## APPLICATION

Grauling's two stage exhaust filter is an extremely effective vacuum pump discharge filter that offers 2 stages of filtration to remove both oil mist and undesirable odors from the pump's exhaust. The filter is constructed of a robust epoxy coated steel and offers a compact, straight-through design, with an integrated back pressure valve and drain port to easily evacuate any collected contaminates.

This innovative 2 stage design starts with a proprietary coalescing media that cleans the discharge air by capturing and coalescing oil mist. The oil-free air is then directed through an adsorptive activated carbon cartridge to remove any residual vapors and odors. The filter was designed to be easily disassembled and serviced without the use of tools, allowing for extremely fast filter change-out and minimal downtime.

BENEFITS

- Oil mist elimination
- Odor absorption
- Reduce overall maintenance costs
- Contamination removal

FEATURES

- Primary filter captures and coalesces oil entrained in air stream
- Activated carbon element removes offensive odors generated by the process
- Back pressure valve designed to release element at
- 0.5 bar (7.35 PSI) differential for pump safety
- Robust design
- Easy serviceability
- Convenient access drain port.

TECHNICAL SPECIFICATIONS

- 0.3 micron media; 99.97% efficiency
- Continuous operating temp: 32°F (0°C) to 113°F (45°C)
- 20 m3/hour flow rating
- Maximum back pressure 7.35 psig (0.5 bar absolute)
- NW16, NW25, NW40 connections

Part Number	Description	Approx. Wt. lbs.
GRI72510-KF16	Two-stage exhaust filter w/ relief valve	3
GRI72510-KF25	Two-stage exhaust filter w/ relief valve	3
GRI72510-KF40	Two-stage exhaust filter w/ relief valve	3
GRI72510	Replacement Filter Kit Elements	2

OPTIONS

Clamp, centering ring, and o-ring kit available.

FOR SALES AND SERVICE PLEASE CALL 707-687-9577 OR EMAIL SALES@GRAULINGRESEARCH.COM

Grauling Research, Inc. • 3225 Regional Parkway Santa Rosa, CA 95403 • www.graulingresearch.com