DP INDUSTRIAL LLC P.O. Box 171, Keeler, USA +1760 264 5716 depattarakul@gmail.com

General filter brochure

Features

- Pleated media for high dirt holding capacity
- Polyester: Reinforced with epoxy coated steel wire on both sides of cloth
- Paper: Heavy duty industrial strength paper surrounded by heavy gauge galvanized expanded metal
- 40 - 50% increased dust loading capacity with prefilter (part number suffix P)
- Optimal surface area per given size

Technical Specifications

- Polyester: 99%+ removal efficiency to 5 micron
- Paper: 99%+ removal efficiency to 2 micron
- Temp (continuous): min -26°F (-15°C), max 220°F (104°C)
- Filter change out differential: 15-20" H2O over initial Δ P

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Features

- Fully drawn weatherhood
- Tubular silencing design - tubes are positioned to maximize attenuation and air flow while minimizing pressure drop
- Corrosion resistant carbon steel construction
- Powder coat finish

Technical Specifications

- Temp (continuous): min -15°F (-26°C) max 220°F (104°C)
- Filter change out differential: 15-20" H2O over initial Δ P
- Pressure drop graphs available upon request
- Polyester: 99%+ removal efficiency standard to 5 micron
- Paper: 99%+ removal efficiency standard to 2 micron

Technical Specifications

- Pressure Rating: 14.7 psi
- Hardware Kit (SAE std. nuts, bolts, washers) included
- Ports for: relief valve, pressure & temperature gauges

Features

- Reactive style silencing design
- Integrated discharge silencer
- Adjustable motor supports for belt tensioning
- Pre-assembled rails to frame
- Corrosion resistant carbon steel construction
- External black powder coat finish

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Our filter offer an extensive line of high quality," off the shelf" inlet filtration, inlet vacuum filtration, liquid separation and silencing products. We protect a wide range of equipment including compressors, blowers, vacuum pumps, engines, fuel cells, and turbines. Our range of standard filter housing begin at airflows of 1 CFM (1.7 m3/hr) and go up to 25000 CFM (42475 m3/hr)

Features

- Heavy duty T bolts for easy maintenance
- Corrosive resistant carbon steel construction
- Black powder coat finish
- O-ring seal with U-channel groove
- Inlet & outlet 1/4" gauge taps

Technical Specifications

- Vacuum Rating: Medium vacuum service**
- Hydrostatically tested to 0.5 bar pressure
- Temp (continuous): min -15°F (-26°C) max 220°F (104°C)
- Filter change out differential: 15-20" H2O over initial Δ P
- Polyester: 99%+ removal efficiency standard to 5 micron
- Paper: 99%+ removal efficiency standard to 2 micron

** See Vacuum Filter Technical Data for vacuum service data.

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Premium "Top Hat" Air/Oil Separator Elements

FEATURES

- Multi-stage gas/oil separator element
- Pleated fiberglass filter media
- Outside-In flow path
- Optimal surface area to flow ra□o
- Corrosion resistant material
- Wide range of operating flows
- Minimal oil carryover
- Flat gaskets for optimal sealing
- 99.97% efficiency for 0.3 micron oil mist
- Saturated pressure differential: 1.5 - 2.5 PSID
- Oil carryover concentration: 2.5 - 3.75 mg/m3(2-3 PPM)
- Temperature rated: 180°F (82°C)
- Service life depends upon pre-separa□on and contamination of the oil & compressed gas
- Electrical continuity throughout element
- Contact factory for specific flows and sizes.

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FEATURES & SPECIFICATIONS

- Maximum operating pressure: 284 psig (20 bar)
- Elements withstand pressure differences up to 71 psig (5 bar)
- At 100 psig (7 bar) operating pressure the **pressure drop** at nominal flow is approx. 3.6 psig (0.2 bar)
- **Easy Maintenance:** Simply apply oil film on the gasket and tighten element by hand no additional equipment necessary, use strap wrench if preferred.
- Service life of element is capable up to several thousand hours under normal conditions
- Zinc-plated steel housing and endcaps with zinc passivated flange.
- Glass Media for efficient air/oil separation
- Oil residual content of the compressed air can attain up to 3 ppm (3 mg/m^3) separation efficiency
- Temp (continuous): min –40°F (-40°C) max 248°F (120°C)
- Filter change out differential: 1.2 bar increase

Air/oil separation products for vacuum pumps, compressors, gear boxes and lubrication consoles capture oil mist emissions and protect surrounding environments. The collected oil can be recycled back to the equipment to reduce oil consumption and maintenance costs. Our products are well suited for breather applications and cater to a full range pump technologies, including rotary vane, rotary screw, liquid ring, rotary piston and scroll.

Parts & Accessories

SpinMeisters® For Vacuum Applications

For more information on Vacuum Filters for extreme duty ask for Bulletin VF.

SpinMeisters® For Pressure Applications

For more information on inlet filters for extreme duty ask for Bulletin FA.

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Special application; e.g ATEX

Filter Types *(Available on select models and sizes.)*

- Filter Silencers
- Filter Assemblies
- Inlet Vacuum Filters
- Air/Oil Separators
- Replacement Filter Elements for ATEX Assemblies