



DP INDUSTRIAL LLC

P.O. BOX 171, KEELER, C.A., USA

Vacuum Filters for Medical Facilities



Series Specific Application

- Designed specifically for use in laboratory and hospital work area environments
- Vacuum Pumps & Vacuum Systems



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Features

- ULPA - UL media
 - 99.97% @ 0.1 micron
 - Low air to media ratio minimizes pressure loss for optimal pump performance
 - High dirt holding capacity
- Vacuum Rating: Medium vacuum service**
- Corrosion resistant cast aluminum head with integrated baffle
- "E.R" pressure drop indicator gauge; this "Easy Read" gauge provides color coordinated pressure drop readings
- Bucket made from shatter resistant polycarbonate
- Brass valve and fittings for contaminated liquid release
- Easy removable & serviceable sterilizable glass flask
- Biohazard label included

Inlet/ Outlet		Assembly SCFM	Assembly Part Number	Approx. Weight lbs
Size	Type	Rating		
1"	NPSC	41	HV-UL896-100C	15
1-1/4"	NPSC	41	HV-UL896-125C	14
1-1/2"	NPSC	41	HV-UL896-150C	14
2"	NPSC	102	HV-UL850/1-200C	20
2-1/2"	FPT	102	HV-UL850/1-250C	19
3"	FPT	200	HV-UL234/2-300C	33
4"	FPT	200	HV-UL234/2-400C	29



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Industry Need

Inlet vacuum filters used in medical facilities' work areas prevents damage to vacuum pumps and protects the work area environment from harmful contaminants. They are designed for the removal of liquids, solids, and sub-micron particles.

These high efficiency inlet vacuum filters are specifically designed for medical vacuum service on atmospheric air applications and can be used on a variety of vacuum pumps in most laboratory and hospital environments.

Options

- Vacuum filter systems
- Support stand and protective shroud
- Carbon steel bucket for severe duty applications
- Oxygen rich systems-contact factory for specialized construction requirements
- Larger configurations, contact factory



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HEPA Elements, HE Media

(HEPA Media is 99.97% removal efficiency at 0.3 µm)

Features

- Temp (continuous): min -15° F (-26° C) max 220° F (104° C)
- Filter change out differential: 15-20" H2O over initial delta P
- Less maintenance
- More durable than paper media
- Moisture resistant
- Handles hot air and oil mist from unload cycle of reciprocating/piston compressor
- Reinforced with epoxy coated steel wire on both sides of cloth; expanded metal I.D.
- Dust loading capacity is increased 40 % - 50% with prefilter
- Optimal sealing surface & design
- Heavy duty industrial strength glass surrounded by heavy gauge expanded metal
- Maximum oversize required to minimize pressure drop
- 99.97% removal efficiency standard to 0.3 micron

Applications

- Pharmaceutical Industry
- Pneumatic Conveying Systems
- Power Plants
- Please see canister applications

Options

- Polyester - 1, 4, 25 & 100 micron
- Stainless Steel Nomex: High temperature Nomex cloth - 99+% efficient, Reinforces by stainless steel wire mesh & expanded metal
- Activated carbon