



Compact Heavy Duty Oil Mist Exhaust Filters

"HDL" Series 1" - 2 1/2" FPT

APPLICATIONS & EQUIPMENT

- Vacuum Furnaces & Ovens
- Vacuum Freezing & Outgassing
- Custom Vacuum Pumping Systems
- Vacuum Drying
- Vacuum Metallizing
- Vacuum Coating
- Food Processing & Packaging
- Industrial Vacuum Processes
- Medical Industry
- Industrial Aerosol Scrubbing
- Pressure Unloading Vents on Piston Compressors
- Blower Exhaust Oil Mist Removal
- Applications requiring low delta p Coalescing of Large air volumes

FEATURES & SPECIFICATIONS

- **Minimum** 99.97% D.O.P. on 0.3 micron particles
- Captures oil fog, mist or smoke from exhaust of oil flooded vacuum pumps
- Large oil holding capacity and easy field maintenance
- Brazed fittings to protect against leaks
- Seamless drawn housings-no welds to rust or vibrate apart
- Positive engagement O-ring seal system
- Rugged all steel construction w/baked white enamel finish
- 1/4" drain tap standard
- Pleated filter element provides increased surface area for low back pressure separation of ultra-fine oil mists
- Temp (continuous): min 40°F (4.4°C) max 220°F (104°C)
- Often used in conjunction with existing air/oil separation equipment
- Filter change out differential: Please refer to Vacuum Pump Manufacturer's specifications

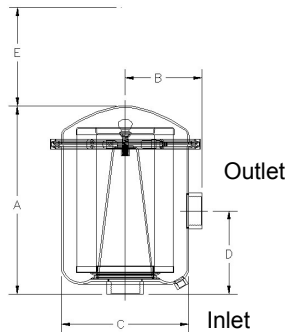
OPTIONS (Inquiries Encouraged)

- Specialty media & gaskets/seals for custom installations/applications
- Special connections
- Available in **Stainless Steel**
- Epoxy or Teflon coated housings
- Activated carbon postfilters to reduce order

CONFIGURATION



DRAWING



Dimension tolerance $\pm 1/4"$

OIL MIST EXHAUST FILTERS
HDL, ATS, EE, EFDB, EF, Series

Model No.	FPT Inlet & Outlet	DIMENSIONS - inches					Nominal Vacuum Pump Rating	SCFM Element Rating	Approx. Wt. Lbs
		A	B	C	D	E			
HDL-PSG848-100HC	1"	6 3/4	4 1/8	7 5/16	4 5/8	5 1/4	40	50	5
HDL-PSG848-125HC	1 1/4"	6 3/4	4 1/8	7 5/16	4 5/8	5 1/4	50	50	5
HDL-PSG848-150HC	1 1/2"	6 3/4	4 1/8	7 5/16	4 5/8	5 1/4	50	50	5
HDL-PSG850/1-200HC	2"	11 1/4	4 9/16	8 3/4	5	9 1/4	125	125	15
HDL-PSG860/1-200HC	2"	17 1/2	4 9/16	8 3/4	5	14 1/2	175	200	30
HDL-PSG850/1-250HC	2 1/2"	11 3/4	5 1/8	8 3/4	5 1/2	9 1/4	125	125	15
HDL-PSG860/1-250HC	2 1/2"	18	5 1/8	8 3/4	5 1/2	14 1/2	200	200	30
HDL-PSG244/2-250C*	2 1/2"	16	8 7/8	15 1/4	8 3/4	10	250	300	35

* 1/4" Gauge Taps on Inlet and Outlet

