

Discharge Oil Mist Filters

HDL Series 1" - 2 1/2"

Benefits

- Easy field maintenance
- Pleated filter element provides increased surface area for low back pressure separation of ultra-fine oil mists
- Waste oil can be recycled

Features

- Captures oil fog, mist or aerosol from exhaust of oil sealed vacuum pumps
- Seamless drawn housings
- O-ring sealed housings
- Corrosive resistant white powder coat carbon steel
- Discharge baffle
- 1/4" NPSC for external drain

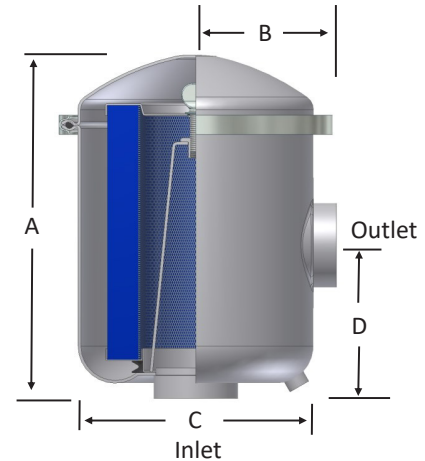
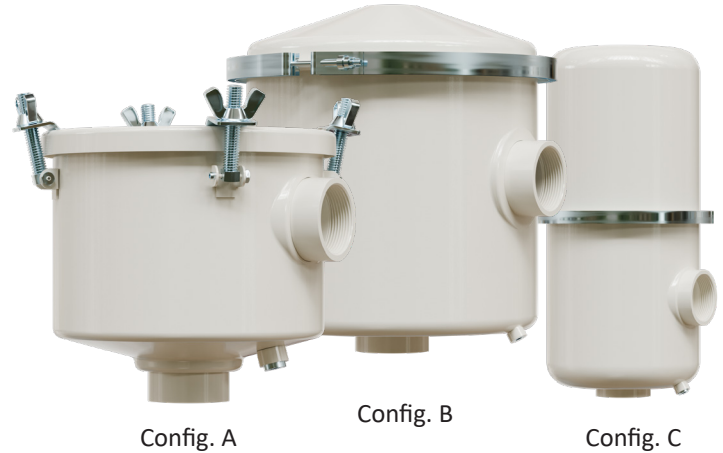
Technical Specifications

- 0.3 micron media; 99.97% efficiency
- Continuous operating temp: 68°F (20°C) up to 180°F (80°C)
- Mounted vertically
- Pressure rating: 5 psi

Options



- Lower back pressure media
- Application specific gaskets/seals
- Custom connections
- Nonstandard finishes
- Stainless steel housings (select models)



Inlet/Outlet		Assembly SCFM Rating	Housing Config.	Assembly Part Number	Dimensions - inches				Suggested Service ht. inches	Approx. Weight lbs.	Replacement Element Part No.	Element SCFM Rating
Size	Type				A	B	C	D				
1"	NPSC	40	A	HDL-PSG848-100HC	6 3/4	4 1/8	7 3/8	4 1/2	5 1/4	5	PSG848	50
1 1/4"	NPSC	50	A	HDL-PSG848-125HC	6 3/4	4 1/8	7 3/8	4 1/2	5 1/4	5	PSG848	50
1 1/2"	NPSC	50	A	HDL-PSG848-150HC	6 3/4	4 1/8	7 3/8	4 1/2	5 1/4	5	PSG848	50
2"	NPSC	125	B	HDL-PSG850/1-200HC	11 1/4	4 5/8	8 4/5	5	9 1/4	15	PSG850/1	125
2"	NPSC	175	C	HDL-PSG860/1-200HC	17 3/8	4 5/8	8 3/4	5	14 1/2	30	PSG860/1	200
2 1/2"	FPT	250	B	HDL-PSG244/2-250C	15 11/16	8 13/16	13 1/4	8 3/4	10	35	PSG244/2	300

Note: 2 1/2" housing has 1/4" NPSC taps standard on inlet and outlet.
See Discharge Filter Technical Data for sizing guidelines.

Rev: HDL1-US0124C2

Discharge Oil Mist Filters

HDL Series 3" - 8"

Benefits

- Large oil holding capacity and easy field maintenance
- Pleated filter element provides increased surface area for low back pressure separation of ultra-fine oil mists
- Multiple separation stages in single element design
- Waste oil can be recycled

Features

- Captures oil fog, mist or aerosol from exhaust of oil sealed vacuum pumps
- O-ring sealed housings
- Corrosive resistant white powder coat carbon steel
- ½" NPT for external drain

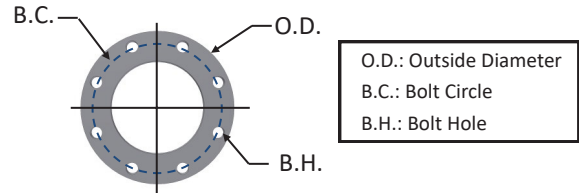
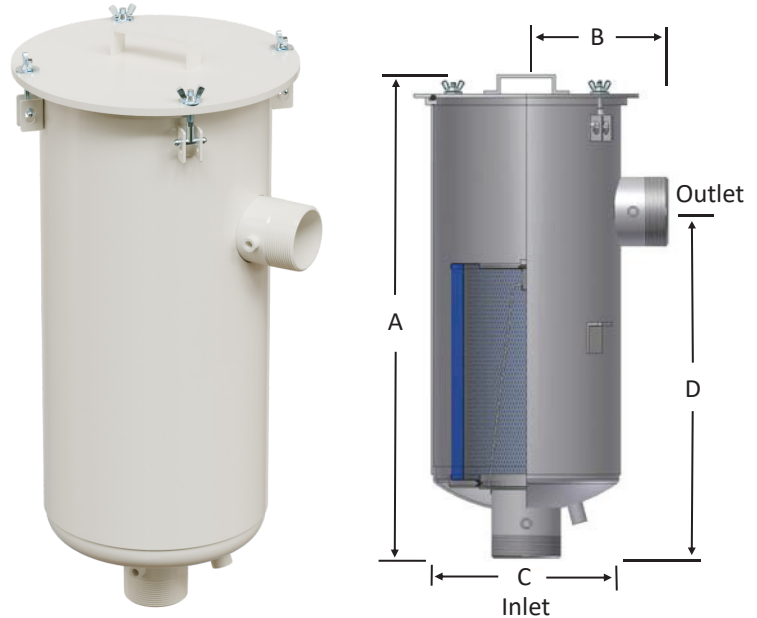
Technical Specifications

- 0.3 micron media; 99.97% efficiency
- Continuous operating temp: 68°F (20°C) to 180°F (80°C)
- Mounted vertically
- Pressure rating: 14.5 psi

Options



- Lower back pressure media
- Application specific gaskets/seals
- Various nonstandard finishes and connection styles
- Stainless steel housings
- Nameplate bracket
- Lifting lugs



125/150# Pattern Flange	Dimensions - inches			No. of Holes	Flange Thickness
	O.D.	B.C.	B.H.		
8"	13 ½	11 ¾	⅞	8	0.38

MPT Inlet/ Outlet	Assembly SCFM Rating	Assembly Part Number	Dimensions - inches				Suggested Service ht. inches	Approx. Weight lbs.	Replacement Element Part No.	Element SCFM Rating
			A	B	C	D				
3"	300	HDL-PSG344/2-300	31 ¼	9 ⅝	14	22 ½	15	75	PSG344/2	500
4"	500	HDL-PSG344/2-400	31 ¼	9	14	22 ½	15	78	PSG344/2	500
5"	800	HDL-PSG474/2-500	38 ¼	11	18 ½	29 ½	22	160	PSG474/2	1100
6"	1100	HDL-PSG474/2-600	39 ¼	11	18 ½	30 ½	22	160	PSG474/2	1100
8" FLG	1800	HDL-PSG476-800F	38 ⅝	14	22 ½	25 ½	22	180	PSG476	1800

See Discharge Filter Technical Data for sizing guidelines.

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