



# MULTI-STAGE “TOP HAT” STYLE AIR/OIL SEPARATOR ELEMENTS

## APPLICATIONS & EQUIPMENT

- Vacuum Pumps (Oil Sealed Liquid Ring, Rotary Vane)
- Compressors (Rotary Screw, Rotary Vane, Rotary Piston)
- Chemical Coalescing
- Oil Coalescing
- Hydrocarbon
- Solvent Recovery

## FEATURES & SPECIFICATIONS

- Multiple stage air/oil separator element
- Built-In Anti-static grounding connection including copper strip for electrical continuity
- Heavy gauge separator flange material
- Optimal surface area to flow ratio
- Corrosion resistant material
- Wide range of operation flows
- Minimal oil loss
- Maintenance free & minimal element replacement
- **Minimum** 99.97% D.O.P. on 0.3 micron particles
- Pressure drop at saturation: 1.5 - 2.5 PSI (.1 - .17 bar)
- Pressure resistance against collapse 75 PSI (5 bar)
- Outlet oil concentration: 2-3 PPM (2.5 - 3.75 mg/m<sup>3</sup>)
- Temp range: Up to 225 F (110°C)
- Service life is dependent upon pre-separation as well as the cleanliness of the oil & gas being compressed.

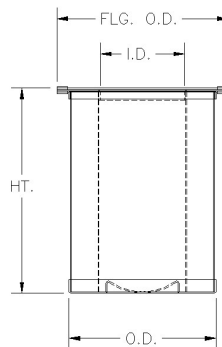
## OPTIONS (Inquiries Encouraged)

- Assorted sizes, media make-up and gasket materials
- Non-flanged separator elements
- Wrapped or pleated designs available

## CONFIGURATION



## DRAWING



Integrated Anti-Static Grounding connection

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

Model Numbers	DIMENSIONS - mm				m <sup>3</sup> /h Rated Flow
	FLG OD	ID	OD	HT	
51-12119	191	83	146	213	442
51-13120	200	98	171	300	493
51-12320	200	105	171	237	510
51-13627	273	152	219	362	621
51-14427	273	152	219	449	833
51-13634	349	203	305	362	1301
51-14934	349	203	305	500	1751
51-16143	432	298	375	611	2635

Note: Model offerings and design parameters may change without notice.