



# Air/Oil Vacuum Pump Separator Tanks

## ATS Series, Low Profile Design

### APPLICATIONS & EQUIPMENT

- ♦ Vacuum Pump Systems
- ♦ Vacuum Pump
  - Liquid Ring
  - Rotary Vane
  - Screw Technology
- ♦ Vacuum Furnaces & Ovens
- ♦ Vacuum Drying
- ♦ Vacuum Metallizing
- ♦ Vacuum Coating
- ♦ Heat Treating Equipment
- ♦ Routing Machines
- ♦ Hospital Vacuum Units
- ♦ Industrial Vacuum Processes

### FEATURES & SPECIFICATIONS

- ♦ **Complete** separator package for vacuum pumps
  - ♦ Connects **Directly** on discharge without need for other separator hardware
  - ♦ Simplifies system packaging by **Integrating** sump tank with separator
  - ♦ **Low Profile** design
- ♦ Captures oil fog, mist or smoke from exhaust of oil flooded vacuum pumps
- ♦ **Minimum** 99.97% D.O.P. on 0.3 micron particles
- ♦ Pleated separator element provides increased surface area for low back pressure separation of ultra-fine oil mists
- ♦ **Multiple** separation stages
- ♦ Separator baffle system for larger particles
- ♦ Rugged carbon steel construction w/baked black enamel finish
- ♦ Multiple ports for sight glass, float level, and gauge
- ♦ 2" NPT Oil fill port
- ♦ 1" NPT sump drain
- ♦ 1" NPT pump return port
- ♦ 1/4" tap hole standard on 3" connection housing
- ♦ Temp (continuous): min 40°F (4.4°C) max 220°F (104°C)

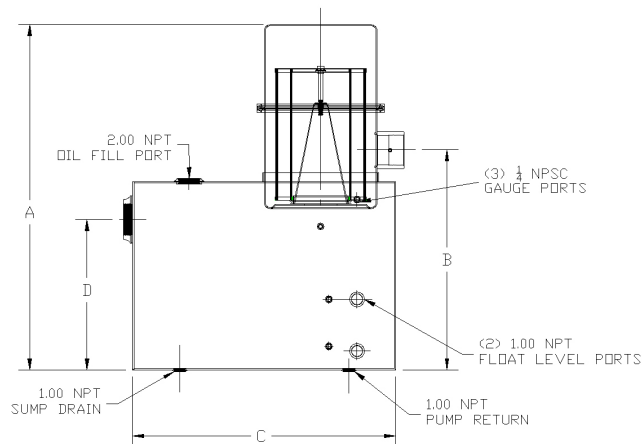
### OPTIONS (Inquiries Encouraged)

- ♦ **Specialty** media available
  - Higher efficiency, custom media
- ♦ Special connections
- ♦ Specific housing construction

### CONFIGURATION



### DRAWING



Dimension tolerance  $\pm 1/4"$

**OIL MIST EXHAUST FILTERS**  
HDL, ATS, EE, EFD8, EF, Series

Tank Model No.	FPT Inlet	FPT Outlet	DIMENSIONS - inches				Nominal	
			A	B	C	D	SCFM Rating	Sump Cap. Liters
ATS-PSG850/1-150HC	1-1/2"	2"	21 1/4	18 7/8	14	8	100	15
ATS-PSG860/1-200HC	2"	2"	31	22 1/2	18	12	200	30
ATS-PSG344/2-300C	3"	3"	36 5/8	23 7/16	28	16	400	65

