



# VANEC

**Vanec Industrial Silencers**  
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## VACUUM PUMP SEPARATOR / SILENCER APPLICATION DATA SHEET

Customer:		RFQ:	
Contact:	Phone:	Fax:	
Project Ref:	Email:		

### Vacuum Pump Data (please fill in applicable data and units)

Make:	Model:	RPM:
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### Operating Conditions (please include units where applicable)

Service:	Intake	Discharge	Process Gas:	Gas MW:	C <sub>p</sub> /C <sub>v</sub> :	Compressibility:
Process Gas Flow Rate at Intake Conditions:		Intake Pressure:	Intake Temp.:	Water Flow:		
Discharge Pressure:	Discharge Temp.:	Site Elevation:	Site Relative Humidity:			
*Unsilenced Vacuum Pump Sound Power Level:			dB re 10-12 watts			
*Unsilenced Sound Pressure Level:		dBa at	feet from vacuum pump	intake	outlet	

\*If available, please attach any unsilenced octave band noise data. This may be measured or predicted by the engine manufacturer.

### Vacuum Pump Separator Silencer Performance Requirements

Required Silenced Noise Level:	dBa at	feet from silencer	intake	outlet
Maximum Allowable Separator/Silencer™ Pressure Drop:		psi		
Required Separation Efficiency:				

### Vacuum Pump Separator Silencer Design Requirements

Shell Materials:	Internal Materials:	Inlet Size & Rating:	Outlet Size & Rating:	
External Finish:		Internal Finish:		
Supports:	Legs	Vertical Shell Brackets	Saddles	Other (specify):
Customer Specifications:				
Comments:				

**\*\* Please fax or Email completed data sheet to VANEC \*\***

File: VANEC Literature: Vacuum Pump Separator / Silencer.DOC