



# VANEC

**Vanec Industrial Silencers**  
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## ROTARY POSITIVE BLOWER SILENCER APPLICATION DATA SHEET

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

### Rotary Positive Blower Data (please fill in applicable data and units)

Make:	Model:	bHp:
Blower Type:	Lobe      Vane      Helical or Axial	RPM:
Timing Gear Diameter:	Rotor Length:	No. of Lobes on Male Rotor:
		Displacement:

### 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:		Blower Intake Pressure:	Blower Intake Temp.:		
Blower Discharge Pressure:	Discharge Temp.:	Site Elevation:	Site Relative Humidity:		
*Unsilenced Blower Sound Power Level:		dB re 10 <sup>-12</sup> watts			
*Unsilenced Sound Pressure Level:		dBa at	feet from blower	intake	outlet

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

### Rotary Positive Blower Silencer Performance Requirements

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

### Rotary Positive Blower Silencer Design Requirements

Shell Materials:	Internal Materials:	Silencer Inlet Size & Rating:	Silencer Outlet Size & Rating:
External Finish:		Internal Finish:	
Wind Load:		Seismic Load:	
Supports:	Skirt & Base Ring      Legs      Shell Brackets	Saddles	Other:
Customer Specifications:			
Comments:			

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