



# Arad Tajhiz

## Vacuum and Acoustic Technology

### Vent Silencer Specification Sheet

Please provide the requested information and fax to ARAD TAJHIZ CO. at 031-36642680

Company name:

Email:

Contact:

Phone number:

Fax number:

Address:

1. Design Data		
<b>Fluid</b>	<input type="checkbox"/> <b>Steam</b>	<input type="checkbox"/> <b>Air</b>
	<input type="checkbox"/> <b>Other: .....</b>	
	<b>Molecular weight:</b>	<b>Specific Gravity:</b>
	<b>K:</b>	<b>Compressibility:</b>
<b>Flow Rate (Kg/h)</b>		
<b>Value Upstream Pressure (bar)</b>		
<b>Value Upstream Temperature (K)</b>		
<b>Value Outlet Line SIZE (in)</b>		
<b>Value SILENCER INLET SIZE (in)</b>		
<b>Maximum Allowable Exhaust Silencer Pressure Drop (bar)</b>		
2. Ambient Conditions		
<b>Temperature (K):</b>		<b>Pressure (bar):</b>
<b>Wind velocity (m/s):</b>	<b>Elevation (m):</b>	<b>Humidity (10 - 90)%:</b>

**Arad Tajhiz**

Vacuum & Acoustic  
Technology

Isfahan, Iran

Fax :(+98) 031-36642680

Tel: :(+98) 031-36642679

internet: [www.aradjet.com](http://www.aradjet.com)

Email: [info@aradjet.com](mailto:info@aradjet.com)

& [aradjet@gmail.com](mailto:aradjet@gmail.com)

### 3. Acoustical Data

Un silenced Noise (Sound Pressure level) "If available"

Frequency (Hz)	31.5	63	125	250	500	1 K	2 K	4 K	8 K	16 K
SPL (dB)										

Required Silenced Exhaust Noise Level (dB) @ 1m & 0.0 degree:

### 4. Silencer Specifications

Number of Silencers required (Nos.)

Max. Silencer Diameter (mm)

Max. Silencer Length (mm)

Max Silencer Weight (Kg)

### 5. Optional Material Requirement (Specify Y – Yes and N – No)

Supporting Brackets	Skirt and Base Ring		Inlet Orientation	Axial	
	Shell Lugs			Radial	
	Legs		Elbow		
	Saddles		Outlet Flange		
Silencer Orientation	Vertical		Rain hood		
	Horizontal		Paint/ Coating		
Thermal External Insulation			Drain Valve		

### 6. Your Remarks and Recommendations:

7. Please Attach General Arrangement Drawing or Sketch of installation location

8. Please Specify Other terms and Conditions if any

9. Date:

10. Signature