



Guide To Troubleshooting: Rotary Air Vibrators

	Too Small Air Supply	Hose Too Small	Fitting(s) Too Small	Dirty Air	Water in Air	Air Pressure Too High	Air Pressure Too Low	Filter Screen Clogged	Insufficient Lubrication	Incorrect Lubricant	Exhaust Plugged	Incorrect Rotor/Vane Assembly	Gaskets Incorrectly Installed	Incorrect Bearings	Worn Vane(s)	Worn Bearings	Operation at High Speed	Air Leakage	Worn Cover Plate	Worn End Plate(s)	Worn Rotor	Incorrect Install Vane(s)	Weak Mount	Mount Breakage	Muffler Clogged; "Speed" Adjust
Lack of Power	●	●	●	●			●	●	●	●	●	●	●	●	●	●				●	●		●	●	●
Speed Too Low	●	●	●	●			●	●	●	●	●	●	●	●	●								●	●	●
Speed Too High						●																			
Excessive Vane Wear				●					●	●							●								
Excessive Bearing Wear				●					●	●				●											
Air "Blow-By" (Won't Run)				●	●				●	●					●	●				●	●	●			
Exhaust Freezes					●																				
Parts Rusting					●				●	●															
Vane Chipping				●		●			●																
Delaminating of Vanes				●	●	●				●															
Can't Adjust Speed	●	●	●				●	●						●											
Vane Breakage				●	●	●			●	●															
Rough ID of Cylinder				●		●			●																
Breakage of Cylinder & Internal Parts				●	●										●										
"Hunting" Varying Speed				●			●		●	●													●	●	
High Air Consumption						●									●			●		●	●				
"Erratic" Start-Up	●	●	●				●				●	●											●		●
Stalling				●		●	●	●	●	●					●										
Excessive Noise			●	●	●	●		●	●					●	●	●	●	●					●	●	