

Guide To Troubleshooting: Piston Air Vibrator

	Air Supply Volume Inadequate	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 Piston	Worn Vane(s)	Worn Bearings	Operation at High Speed	Port(s) Restricted; Clogged; Closed	Air Leakage	Worn Cover Plate	Worn End Plate(s)	Worn Rotor	Incorrect Install of Vanes(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			●	●	●	●		●	●									●							●	●	