

10 Reasons Why Rotary Vane Compressors Are Simply the Best Value in a Rotary Compressor

1. For over 100 years, Champion has been the leader in manufacturing dependable compressed air systems. Over 800,000 rotary vane units have been put into the worldwide market from the 2 horsepower to 100 horsepower range.
2. Rotary vane compressors are all direct drive driven with a shock absorbing coupling system. This eliminates the need for speed increasing gears and over tensioning belts.
3. No matter what the compressor size or horsepower rotary vane compressors run at a conservative 1750 rpm. While the same size rotary screws compressors run from 2500 to 9000 rpm.
4. Rotary vane compressors have 2-shell type bearings that allow 100,000 to 150,000 hours of real running time. This is not a B-10 or L-10 bearing failure life rating, but true running hours in your facility.
5. Rotary vane compressors have no axial forces generated by the pump. With no axial forces present the need for complicated at preloaded bearing configurations are eliminated. The cost to rebuild an RSU (rotor stator unit) is greatly reduced to that of a rotary screw style compressor.
6. Rotary vane compressors never experience loss of performance as they age. In fact, their performance improves overtime. With all cast iron components and Meehanite iron vanes. Rotary vane compressors carry up to a 5-year warranty against defects in material or workmanship.
7. Rotary vane compressors have the most advanced control system on today's market. With this system air pressure can be held to a 3-5 psi range with no costly external components. The system has an instantaneous control adjustment to the changes that are taking place with your air needs.
8. Rotary vane compressors feature all the control systems as standard equipment.
9. Rotary vane compressors have the lowest oil carry over. With only a 2 ppm. oil carry-over. They use a multilevel internal separation system before the vapor is ever introduced into the separators. This increases their performance and their life.
10. Rotary vane compressors have the smallest footprint in the rotary screw industry. Combine that with our proven technology and 21st century performance and nobody can match our product line!

For more product information, or how to reach a sales consultant, please visit
www.ChampionPneumatic.com.