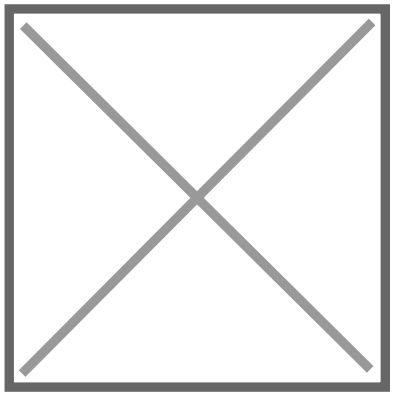
Champion® LV/LVR Series Fixed Speed Rotary Vane Compressors: Simplex

SKU: LV01-LV11

Price: ?0.00



Description

The Champion® LV/LVR Series are fixed speed, direct drive rotary vane compressors designed for 100% duty cycle† with low noise. Their compact, simple, robust, and integrated design allows them to be ?tted anywhere undercover. These units are available in airend only, compressor plus motor, tank mounted, or hypac con? gurations (airend, motor, tank, and dryer). They are easy to install and maintain as well as extremely quiet. They are designed for a wide variety of applications including automobile, body shops, wood working, dentistry, laundry, packaging, and machine tools.

The 5, 7.5 and 10 hp hypac is a complete air system in one package using a tank mounted LV/LVR Series lubricated rotary vane compressor similar to the simplex with an oversized GSRN refrigerated air dryer to better treat the air before releasing it to the plant supply. The 150 psi hypac comes equipped with the standard non-cycling refrigerated dryer. The 100 psi options are equipped with a high temperature refrigerated dryer. Different dryer types were used to maintain optimal dew point levels.

LV/LVR Series Features: 2–15 hp

- Slow Speed Reliability
  - 1760 RPM direct drive (60 Hz)
- Configuration Flexibility
  - Airend only
  - Compressor and TEFC motor combination
  - Tank mounted (80-, 120- and 240-gallon receivers)
  - hypac total system (compressor + tank + dryer)
  - 100–150 psi

- Low Noise
  - as low as 65 dBA
- Simple Start/Stop Controls
- Easy to Service
- Ideal for 100% Duty Cycle Applications
- Industry-Leading Warranty
  - Standard 2-year warranty
  - Platinum 10-year warranty available
- Long Life & Reliability
- Voltage
  - 115V/208-230V - 1 Phase
  - 208-230V/460V/575V - 3 Phase

V/VR Series: Simplex* Performance Data

Champion V/VR Series Simplex

* All of the above models (V/VR) include a starter.

† Rotary vane units should be used in 100% duty cycle applications. For duty cycles where the unit is predominately off (intermittent), a rotary vane is not a great choice as the unit is not on long enough to get / keep the oil hot. This results in water being created which will cause catastrophic failure to the airend.