

# Vapor Cycle Compressor

## *Description*

A lightweight, belt driven, vapor cycle compressor for general aviation applications. The compressor is engaged using an integral electric clutch.

## *Specifications*

**Type:** 6 cylinder axial swash plate design (clockwise rotation)

**Capacity:** 7,626 watts @ 2,000 RPM or approx 26,000 BTU/Hr

**Clutch:** Electric 24 Volt

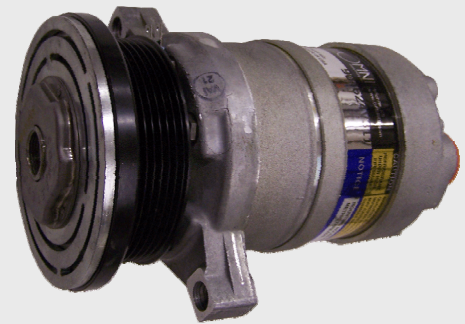
**Dry Weight:** 15.0 lbs (6.8kg) with electric clutch

**Operating speed:** Cycling is 7,500 RPM  
Continuous 9,000 RPM  
Transient 12,000RPM

**Refrigerant:** R134A

### **Performance:**

Capacity range 3,000 Watts @ 1,000 RPM to 9,000 watts @ 4,000 RPM  
Most efficient capacity is 2,000 RPM and is approximately 55%,  
Requires about 5.5 HP at 2000 rpm, 7.5 HP @ 4,000RPM



**General Aviation  
Vapor Cycle Compressor  
PN: 904624V311**

## *FEATURES*

- ✓ Swash Plate Design
- ✓ 28Vdc Electric Clutch
- ✓ Light Weight
- ✓ 10mm Threaded Lug Mounting
- ✓ High Reliability
- ✓ OEM or Retrofit Applications

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