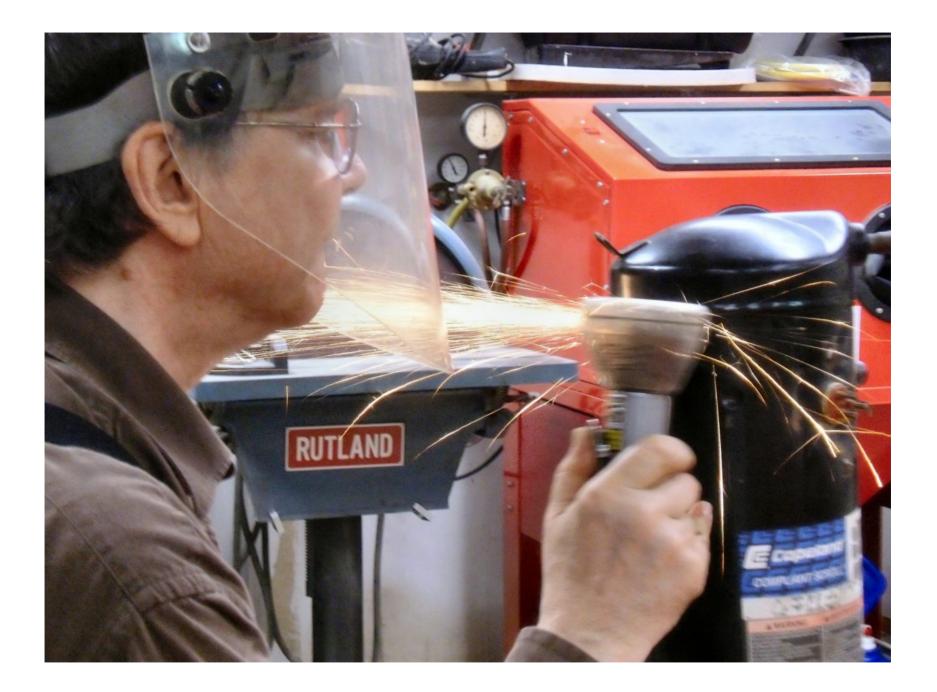
## Scroll Refrigeration Compressor

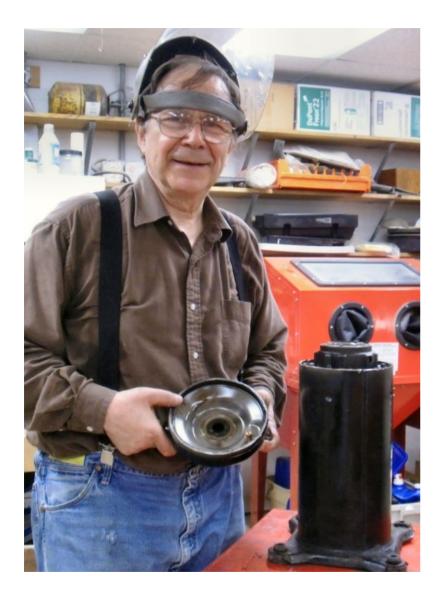
by Dick Kostelnicek 06-12-2010



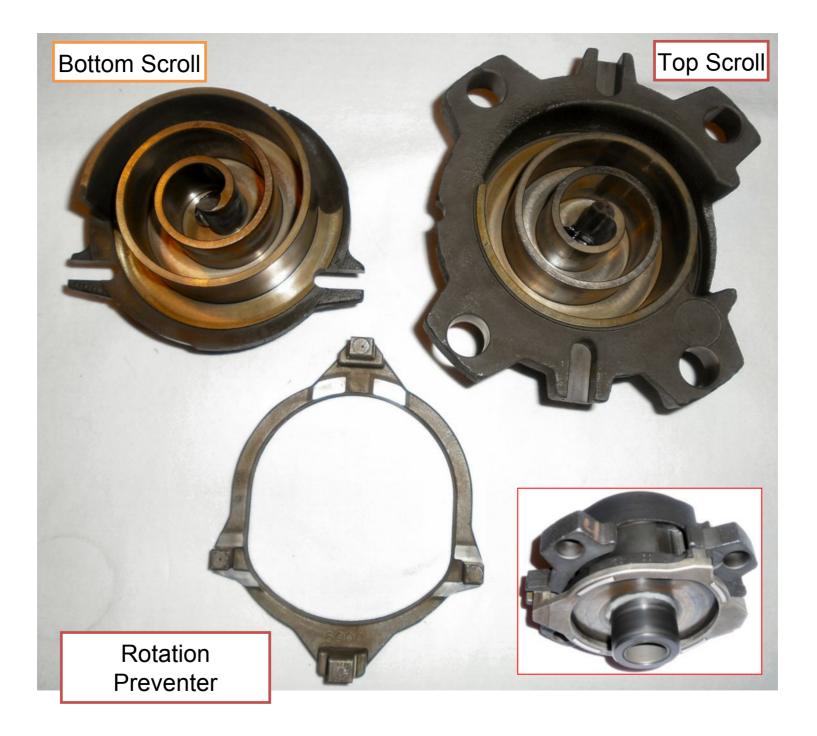
### High Speed Air Abrasive Wheel Cutter











# Sealing

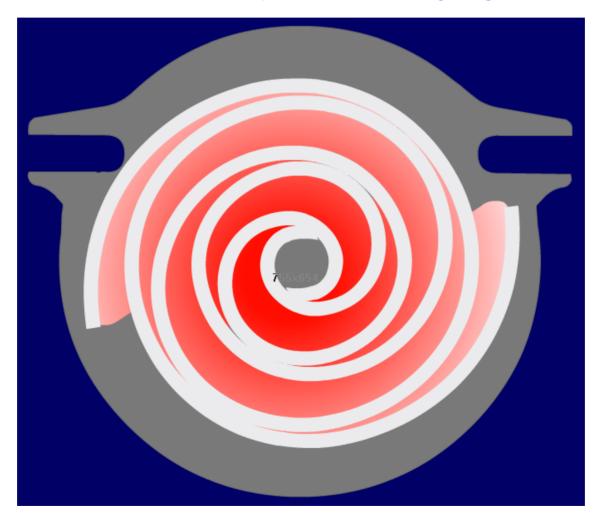
**Vertical:** Solenoid effect pulls motor's rotor up, thereby pressing scrolls and rotary transfer ports together.

**Radial:** Centrifugal force seal the scrolls against one another.



#### Anamation of Scroll Compressor

http://www.emersonclimate.com/en-US/products/PublishingImages/HowScrollWorks.swf



## Advantages over Piston Compressor

No input valves

Can pass liquid

Higher volume metric efficiency

**Reduced vibration** 

Automatic head unloading