

# Vacuum For Your Future

## **CO<sub>2</sub> and Biogas Compressors** (Why Vooner?)

- **Fermentation - removes CO<sub>2</sub> - protects against corrosive carbonic acid**
- **Distillation - moves non-condensable CO<sub>2</sub>**
- **Thin Stillage Evaporation**

### **Vooner Advantages**

- ✓ **Non sparking bronze or stainless steel**
- ✓ **316 stainless - prevents corrosion**
- ✓ **Tapered clearances - retainable performance**
- ✓ **Tested in Charlotte, NC**



## **Ethanol Production** (Why Vooner?)

- **Distillation - removes non-condensable gases from condenser**
- **Dehydration - regenerate molecular sieve with vacuum**

### **Vooner Advantages**

- ✓ **316 stainless - prevents corrosion**
- ✓ **Tapered clearances - retainable performance**
- ✓ **Tested in Charlotte, NC**



## **Geothermal Power** (Why Vooner?)

- **Fast removal of air in condenser**
- **Hold high vacuum on condenser of turbine**

### **Vooner Advantages**

- ✓ **316 stainless - prevents corrosion from H<sub>2</sub>S and H<sub>2</sub>SO<sub>4</sub>**
- ✓ **Large ports pass well sand**
- ✓ **HEI tested in Charlotte, NC**

