



**Underwriters Laboratories Recognitions  
and  
Canadian Standards Association Certifications**

- File E80296**      **UL Standard 1030 - Sheathed Heating Elements**  
**Tubular Heaters in a variety of configurations and options**  
*\* Includes UL certification for Canada*
- File E60605**      **UL Standard 499 - Electric Heating Appliances**  
**Cartridge, Strip, Finned Strip, Tubular and Finned Tubular Heaters**  
*\* Includes UL certification for Canada*
- File SA4168**      **UL Standard 471 - Commercial Refrigerators and Freezers**  
**Special Cartridge Heater construction for Defrost and Crankcase applications**
- File E163277**      **UL Standard 823 - Electric Heaters for use in Hazardous Locations**  
**Tubular and Finned Tubular Heaters with Special Heavy Sheath Wall**
- File E76221**      **UL Standard 1563 - Electric Spas, Equipment Assemblies, and Associated Equipment**  
**Special Tubular Immersion and Circulation Heater assemblies**
- File E36322**      **UL Standard 873 - Temperature Regulating and Indicating Equipment**  
**Calstat Temperature Switches - 1/2" and 5/8" Diameter Models**
- File LR 25341**      **CSA Standard 22.2 - Temperature Regulating and Indicating Equipment**  
**Calstat Temperature Switches - 5/8" Diameter Models**
- File LR 25347**      **CSA Standard 22.2 - Heater Elements**  
**Cartridge Heaters**

*Note: Please consult with Vulcan Thermal engineering for specific qualifications and conditions of application use*