

Triton® White Paper

Advantages of Triton® Liquid Ring Vacuum System

- Inherently safe:
 - No metal-to-metal contact between rotor and housing
 - Can handle flammables without risk of spark; isothermal compression
 - ATEX certified; T-5 Temperature Class
 - Available in Class 1 Division I or II Hazardous Classification
- Vacuum created by spinning water:
 - Tolerates entrained solids and liquids passing through the pump
 - Creates very deep (27" Hg) vacuum
- Low operating noise
- Very low maintenance level compared to other pumps
 - No oil levels to maintain in pump
- Very forgiving operation conditions:
 - Automatic water fill nozzle, but if you run low on water, you simply lose vacuum....add water, and vacuum returns
 - Can add coolant to water for freezing climates



mwo

03/13/12