

WebSentry Monitoring for Cavitation Control

Ensure a long operating life of your NASH liquid ring pump with the WebSentry Cavitation Monitoring System.

Cavitation is one of the most insidious causes of damage to a liquid ring vacuum pump. It is caused when the internal fluid pressure in localized areas of the pump drops to the vapor pressure of the fluid. The liquid then begins to flash or bubble, causing implosions that damage the internal surfaces of the pump. This typically occurs at deep vacuum levels and is further aggravated by increases to operating temperature.

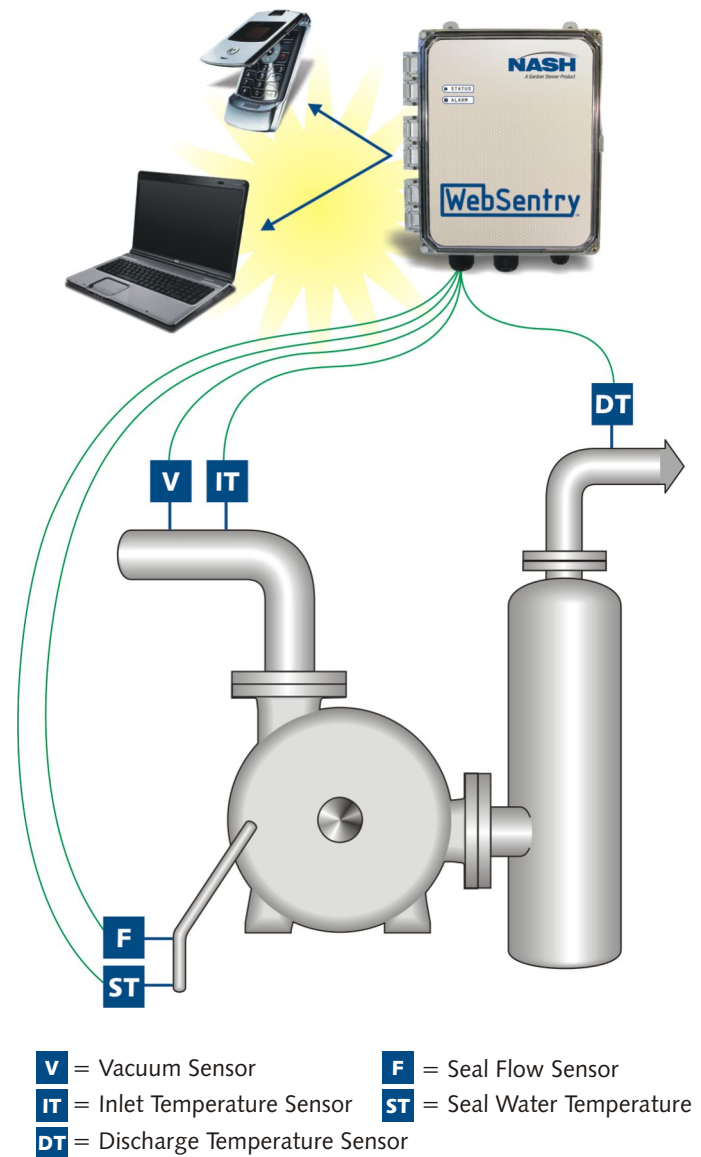
The WebSentry Cavitation Control System offers the ability to:

- Track the critical operating conditions and send you an alarm if the system is approaching a danger zone.
- Make a simple adjustment to the vacuum level or the seal water to ensure the pump continues to operate cavitation free.
- Provide much longer pump life and avoid expensive repairs.

A Nash service technician can help you remotely monitor your system and make recommendations prior to a visit.



Cavitated Rotor



V = Vacuum Sensor **F** = Seal Flow Sensor
IT = Inlet Temperature Sensor **ST** = Seal Water Temperature
DT = Discharge Temperature Sensor