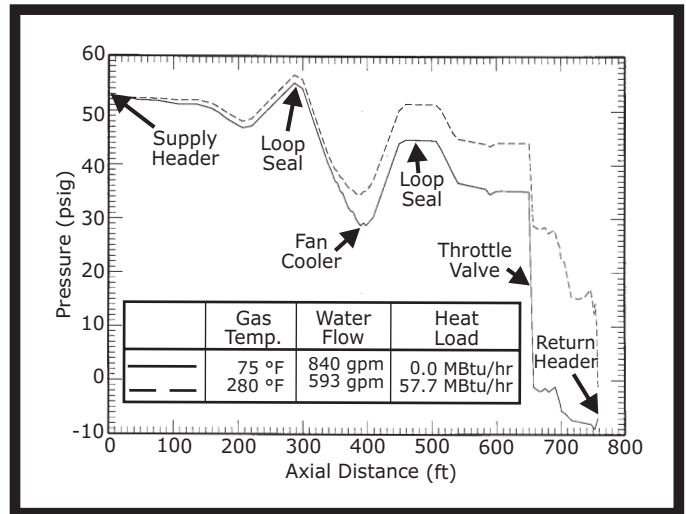


TREMOLO

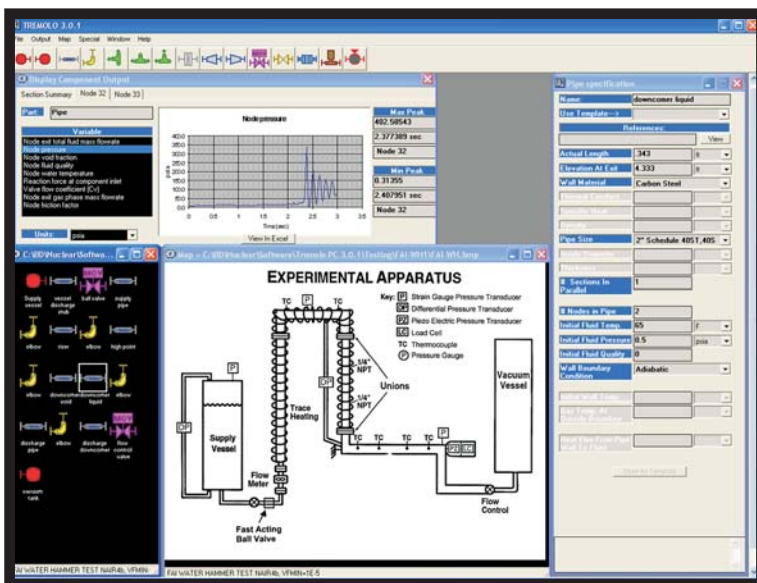
The fastest way to analyze your valve and pipeline issues

The TREMOLO computer code provides a proven tool for performing transient, multi-phase fluid flow simulations. Its attributes include:

- ✦ Based on first principle physical models
- ✦ Extensively benchmarked against relevant experimental data
- ✦ Fully QA and ISO-Ticket controlled development and maintenance
- ✦ Transient piping responses such as:
 - Two-phase and noncondensable void formation and collapse
 - Heat transfer effects including phase changes
 - Cavitation effects
 - System components (pumps, valves, heat exchangers), piping and fittings for single and two-phase flows



This figure compares typical steady state pressure profiles in 750 ft. of service water piping supplying a containment air cooler under normal and design basis conditions. Since the return header is at vacuum conditions, flashing and two-phase flow occur across the throttle valve even under normal conditions.



✦ User friendly interface:

- Windows version
- Point and click on pipeline components to build system models
- Built-in data bases, automatic error checking, and "Report-Ready" output for fast and accurate model building and processing.



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