

Sizing and Selection at Your Service!



SizeMaster™ Mark IV Pressure Relief Valve Engineering Software Version 4.3

Now you can accurately size and select a pressure relief valve for any combination of process applications with SizeMaster™ Mark IV pressure relief valve engineering software version 4.3. This program for Windows® (all versions) brings unprecedented integration of standard engineering practice to the task of sizing and selecting pressure relief valves.

With SizeMaster Mark IV software, you can define as few as one or as many as 64 different sizing scenarios including blocked flow, fire, thermal and tube rupture, from a scenario matrix grid. Selection of the pressure relief valve is automatically based on the relief area of the worst case scenario. Various Wizards make the most complicated task simple; for instance, the Capacity Wizard allows you to determine accurate vapor generation for vessels of all types.

Featuring:

- Quicksize Database
- Tube Rupture Scenario
- Metric dimensional drawings
- Omega 2-phase sizing (D.I.E.R.S.)
- Noise and reaction force calculations
- Multiple valve sizing



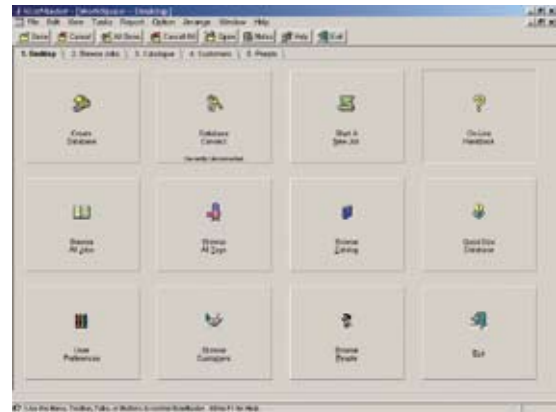
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Features:

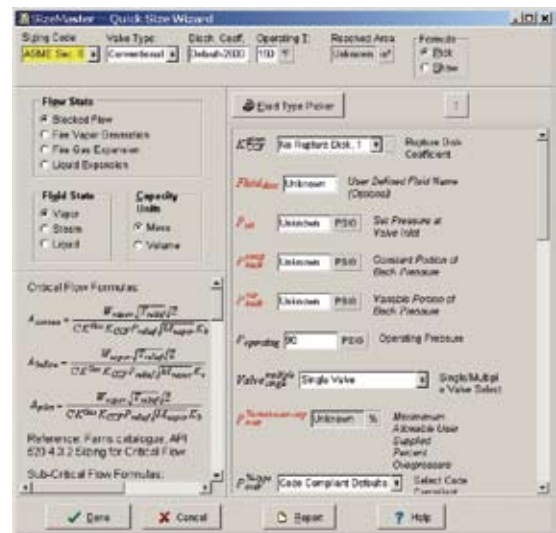
- Quicksize Database
- Tube Rupture Scenario
- Metric dimensional drawings
- API-Omega 2-phase flow calculations
- Noise and reaction force calculations
- Multiple valve sizing
- Standard Windows user interface functions
- Supports network database access
- Database administration tools
- Interactive product catalog
- Internal client/project database
- Complete revision control with definable database access
- English/metric units definable by job level
- All reports html format
- Import/export capabilities
- Online help including a variety of tutorials

All sizing equations and selection algorithms are based on ASME Code requirements, API standards and best engineering practice as determined by Farris Engineering. The equations and flow algorithms are internally calculated within an innovative worksheet engine. This worksheet engine also checks parameters and any intermediate calculations against standard constraints, letting you know about any non-compliance issues it encounters. All equations, calculations and internal algorithms can be displayed on screen or printed for review.

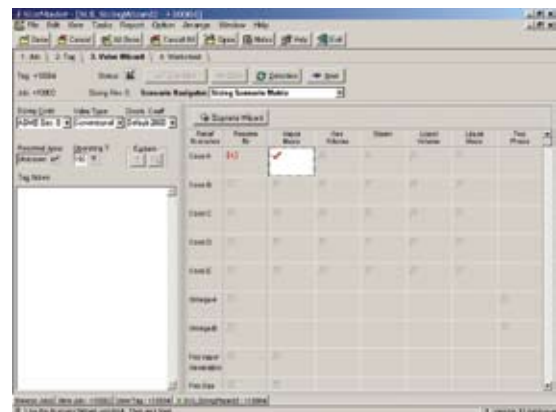
SizeMaster Mark IV pressure relief valve engineering software is available online at www.farrisengineering.com or directly from Farris Engineering.



Workspace Desktop



Quick Size Wizard



Sizing Scenario Matrix



Farris Engineering

Division of Curtiss-Wright Flow Control Corporation

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