

AFT Arrow™

Goal Seek & Control Add-on Module



Take Your System Designs to a New Level

The AFT Arrow Goal Seek & Control (GSC) Module frees you from time-consuming manual iteration so you can quickly find the input values necessary to meet the hydraulic behavior you want to simulate. Simply enter your variables and goals, and the module will automate the iterative process for you.



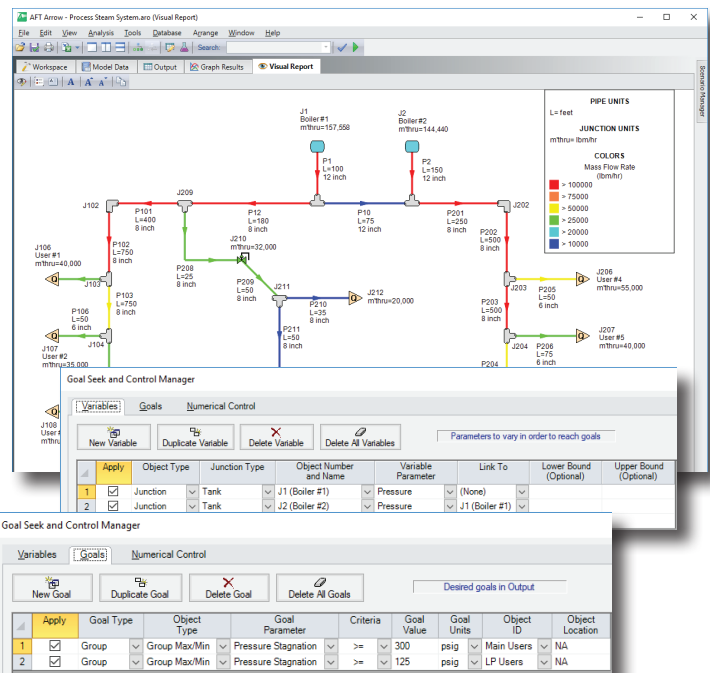
Goal Seek & Control GSC Module

Benefits

- Evaluate the effects of changing system parameters
- Save time by avoiding manual iterative analyses

Capabilities

- Define multiple variables and goals at multiple locations throughout the system
- Define goals as single point, differential or sum
- Modeling parameters for variables or goals include
 - Compressors/fans - speed, flow, pressure rise
 - Valves - open percent, Cv/K, delta P, flow
 - Tanks - pressure, temperature
 - Control valves - setpoint, open percent
 - Orifice - diameter, area
 - Heat exchangers - heat rate, temperatures, area, U value
 - Spray discharge - area, discharge coefficient, exit pressure
 - Pipes - friction, scaling, insulation thickness



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