

AFT Chempak Suite™ 2

Make Fluid Property Data Availability as Dynamic as Your Analyses

- Chempak™ Property Database
- AFT Chempak Plus™
- AFT Chempak Suite™

The Chempak Property Database can be purchased separately. If you already own the Database, you can purchase AFT Chempak Plus (includes AFT Chempak Viewer™ and AFT Chempak Add-in™ for Excel™). You can also get the full AFT Chempak Suite (includes Database, Viewer and Add-in).

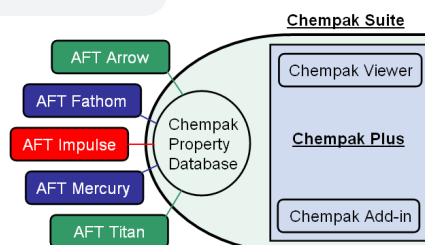


Properties:

- Bulk Modulus of Elasticity
- Compressibility Factor
- Critical Pressure
- Critical Temperature
- Density
- Enthalpy
- Entropy
- Internal Energy
- Isentropic Expansion Coefficient, Gamma
- Kinematic Viscosity
- Molecular Weight Phase
- Prandtl Number
- Pressure Quality
- Saturation Pressure
- Saturation Temperature
- Sonic Velocity
- Specific Heat, cp
- Specific Heat, cv
- Specific Volume
- Surface Tension
- Temperature Superheat /Subcooled
- Temperature
- Thermal Conductivity
- Viscosity
- Volume Expansivity

Chempak Property Database

- Provides comprehensive thermo-physical properties on a wide range of fluids to AFT's family of software products
- Provides data on ~700 fluids for AFT Fathom™, AFT Impulse™ and AFT Mercury™ with the ability to assemble non-reacting static mixtures
- Provides data on ~600 gases for AFT Arrow™ and AFT Titan™ with the ability to model both static mixtures and dynamic mixing resulting from intersecting flow streams
- Fluids listed by up to 3 commonly used names
- Fluids listed by formula and chemical structure
- Sort on any of the identifiers



AFT Chempak Viewer

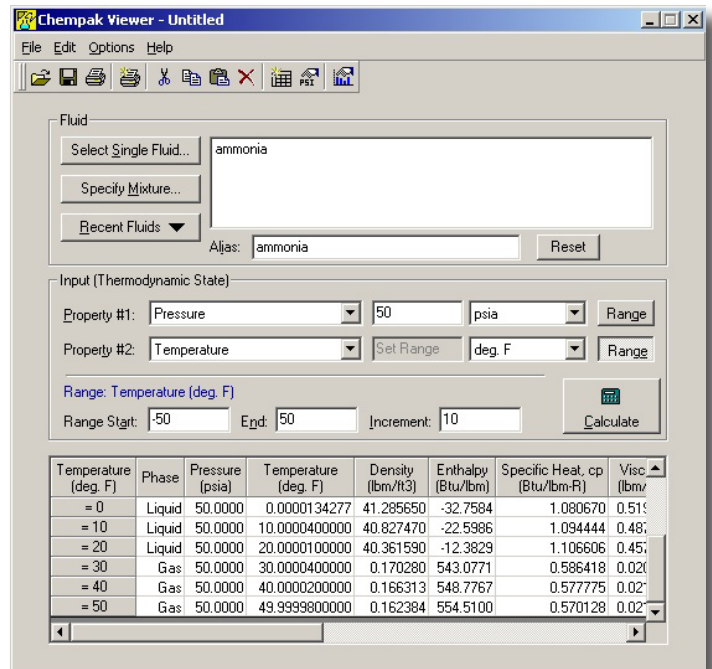
Access the Chempak Property Database as a stand-alone application

- Assemble non-reacting mixtures on a mass or mole basis
- Calculate fluid or mixture properties for any combination of the available input parameters as a single point, two point or a range of inputs
- Save or set your parameter and unit preferences as the default
- Save and reload input sets
- Save fluid and mixture sets for quick recall using the Recent Fluids list
- Specify a name for any fluid or mixture and it appears along with the standard Chempak name
- Change units 'on the fly' by double-clicking an output column header
- Input parameters:
 - Density
 - Enthalpy
 - Entropy
 - Internal Energy
 - Pressure
 - Quality
 - Saturated Liquid
 - Saturated Vapor
 - Specific Volume
 - Temperature

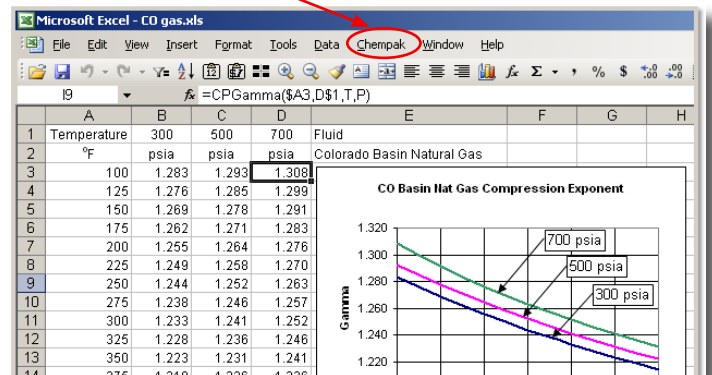
Output

- Chempak Viewer provides both text and graphical output
- Configure displayed parameters, display order and units
- Supports English and SI units
- Export as a PDF file or to a spreadsheet for additional calculations
- Select a portion of the output and paste into a spreadsheet
- Customize your graphs using colors, axis scale, titles, markers and more
- Use your graphs in other documents

"AFT Fathom", "AFT Arrow", "AFT Impluse", "AFT Mercury", "AFT Titan", "AFT Chempak Viewer", "AFT Chempak Add-in", "Chempak Suite", "Chempak Plus", "Applied Flow Technology", "Dynamic solutions for a fluid world" and the AFT logo are trademarks of Applied Flow Technology Corporation. "Chempak" is a trademark of Madison Technical Software Inc. Excel is a trademark of Microsoft.



AFT Chempak Add-in menu in Excel



AFT Chempak Add-in (for Excel)

Directly access Chempak fluid property functions from within a Microsoft Excel spreadsheet

- Imbed comprehensive, accurate fluid properties in your spreadsheet based calculations
- Paste or directly enter Chempak functions as you would with any Excel function
- Fluid selection, assembling mixtures, unit preferences and online help are available from the Chempak menu that appears on Excel's menu bar



2955 Professional Place, Suite 301
 Colorado Springs, CO 80904 USA
 (719) 686 1000
 sales@aft.com
 www.aft.com