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AFT customers who have a Support, Upgrade, Maintenance (SUM) agreement will automatically upgrade to the most recent version at no extra cost. Combined with training seminar discounts and access to premier support, the decision is easy to keep your SUM agreement activated.



AFT Arrow 8	AFT Arrow 7	AFT Arrow 6
Multi-Scenario Comparison: Data can be compared between multiple scenarios to show changes made	Import from CAESAR II® neutral files and Piping Component Files (.pcf) as well as import/export model data from an EPANet file	New graphing features include display of multiple graphs in same tab, stacked graphs, double-Y axis graphs, and new graph folders to organize and easily display groups of saved graphs
Compression ratio can be used to define the compressor performance	Enhanced Excel® integration such as: Export data with a controlled scenario-to-worksheet Manager; improved import model change data with batch import to change multiple scenarios at once using junction and parameter friendly names; easier Cost Database creation using Excel import/export	Language choices for German and Chinese, in addition to French and Spanish, for all output, graphs and menus
Multi-level undo and redo on the Workspace	Isometric grid drawing on the Workspace	GIS shape files can be imported to create a model
All Summary Output parameters can now be displayed on the Visual Report	Made centrifugal compressor, reciprocating compressor and fan data entry clearer on the Compressor/Fan Property window	Improved search capability includes searches for pipe and junction notes, names and numbers
Improved intelligence on when a model needs to be saved to preserve the output	Improved Relief Valve specification with opening and closing profiles	Intermediate Axial Points calculations are shown for all pipes in a collapsible table
New and updated themes	Large models now load faster	Volumetric flow rate set points can be used for Control Valves
Improved model loading speed	Enhanced pipe heat transfer including external convection coefficient calculation, buried pipe heat transfer, and heat tracing	Ability to create child scenarios without results saving duplication and load time

Ready to access these new features? Email info@aft.com

Full list of New Features you can use in AFT Arrow™ 8

Significant

- Data can be compared between multiple scenarios to show changes made
- Compression ratio can be used to define the compressor performance
- Multi-level undo and redo on the Workspace
- All Summary Output parameters can now be displayed on the Visual Report

Overall

- Improved intelligence on when a model needs to be saved to preserve the output
- Improved model loading speed
- Improved language refresh speed
- New and updated themes

Workspace

- Magnifier tool to quickly view objects on the Workspace
- Allow pipe/junction editing while the Undefined Items panel is shown
- Double-click on a junction on the Toolbox to add multiple to the Workspace (similar to pipes)
- Ability to draw pipes off the grid when in isometric mode
- Junction icons automatically rotate to align with pipes
- Select shortest path between two junctions

Visual Report

- Visual Report Control has been redesigned

Pipes

- Pipes can be joined together to form a single pipe
- Heat tracing now allows the entry of power/length and number of turns

Junctions

- More intelligent Tee/Wye junction during input and Workspace movements
- Built-in K values for bends with r/D between 0.5 and 1

Output

- Notes can be added to cells in the Output tables
- Output Control parameters can be filtered by typing part of the parameter name
- Thermal conductivity used in the heat transfer calculations is now displayed

Global Edit

- Revised to improve usability
- A pipe or junction can be selected as the base data to apply to other pipes or junctions
- Notes can be globally edited on junctions

Other

- Ability to import custom Fittings & Losses from a comma-separated file
- Design Alerts and can saved to and loaded from a comma-separated file
- New Diagnostics window to help identify special features or options being used in the scenario

Something For Everyone



Hands-on Seminars

Held several times a year, this classroom style setting accelerates your skills and teaches you how to be an AFT expert. (check the class schedule at www.aft.com)



Custom Training

AFT can bring our training to your location! You can also utilize our Flow Expert Package to customize a training or model solutions for your projects.



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Hosted twice a month, webinars introduce our products and talk about solutions-based uses. Recorded webinars are located on our website.



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Tips & Tricks

Do you read the AFT Pipeline newsletter? Each month, an AFT engineer gives readers a new tip and trick to keep you up to date.

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