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Engineering And Software For The Natural Gas Industry

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GASCalc™ Computes Gas Properties With AGA8 2017



Are you involved in gas measurement, where compressibility must be accounted for? Do you need to know your gas heating value, enthalpy, entropy, specific heats, and other thermodynamic properties? GASCalc includes routines for these values, and more.

Users of the new GASCalc are getting an update that provides the full 2017 versions of the AGA Report No. 8 Detail, Gross, and GERG 2008 equations of state. All of these methods can be used to calculate compressibility factors. In addition, the Detail and GERG 2008 methods can be used to calculate speed of sound, and other thermodynamic properties.

The latest update also includes the 2016 edition of the ISO 6976 methods for heating values and compressibility.

The new compressibility methods can be found on the *Compressibility Factor* screen, and on the *Base Conditions* screen for any other calculation that uses compressibility. Speed of sound can be calculated on the *Sonic Velocity* screen. Heating value is included on the *Physical Properties* screen. The other properties, like enthalpy and entropy, are calculated on the *Thermodynamic Properties* screen.

The GASCalc [Extended Description](#) has the full list of supported calculations and features. For a list of what's included in the latest update, see the [Update Notes](#).

If you want to get started with the new GASCalc, or if you have an older version and would like to upgrade, [pricing](#) can be found on our website. For those who want to try it out first, we have a [demo](#) available to download. To place an order, fill out an [order](#) form and return it to sales@b3pe.com.

Training Is Available Online



We have posted the first two videos in a planned series of tutorial and how-to videos on our website.

Getting Started covers the basics of starting GASCalc. It is designed to teach you how to open up and navigate the program. The video includes an explanation of the licensing system, an overview of the Paths and Preference Settings, and a brief description of the various menus.

Calculation Screen Overview goes into more detail about the elements that make up a GASCalc calculation screen. Learn about the different types of data entry fields, entered versus calculated values, what the various command buttons do, and more.

To access these videos (and others), go to our [Videos](#) page. More tutorials will be added in the future, so be sure to check that page out, and stay tuned to the newsletter for updates.

Don't forget that we can do online training classes through Webex. Please contact us at training@b3pe.com to discuss your specific training needs.

GASWorks™ 10 Update



Don't forget to keep your GASWorks 10 up-to-date. Visit our [Updates](#) page to download the latest revision, posted on **July 17**.

If you have not already tried GASWorks 10, click [here](#) to request a 30-day evaluation copy. To upgrade today, fill out an [order form](#) and return it to sales@b3pe.com.

Check Out The GASCalc Web App



Working from home? For those who do not have access to their work computers, but need to perform design and engineering calculations, try the GASCalc Web App.

The Web App is a free program that offers a select number of calculations from the full suite of tools included in GASCalc. You do not need to purchase a license for GASCalc in advance. Registration is open to anyone with a valid email address, from any web-enabled device running a modern browser.

Visit www.gascalcapp.com to register for access, and try it out for yourself.

Our Products

[GASWorkS™](#) - Affordable and robust network modeling.

[GASCalc™](#) - Suite of gas system design and analytical tools.

[GASPurge™](#) - Natural gas pipeline purging calculator.

[StationManager™](#) - Regulator and relief valve station management solution.

[WaterCalc™](#) - Suite of water system design and analytical tools.

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