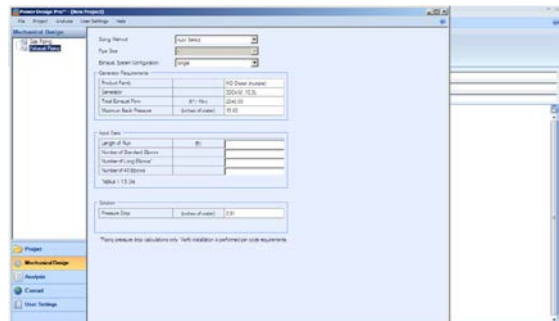


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## Generac Enhances State-of-the-Art Generator Sizing Software with Exhaust Piping Module

Waukesha, Wis., – October 6, 2010 – [Generac Power Systems, Inc.](http://www.generac.com), a global manufacturer of industrial, commercial and residential generators, has enhanced its award-winning [Power Design Pro™ generator sizing software](#) with a new exhaust piping module.

This exhaust piping module allows users to enter the length of the exhaust piping run and the number of various elbow types. It then automatically selects the appropriate exhaust piping for a selected generator. The module also allows users to manually select the pipe size, after which it calculates the engine's exhaust back pressure. The exhaust piping module supports single and dual exhaust engine configurations.



“When exhaust piping is sized incorrectly, engine back pressure could exceed recommended limits and cause the generator to fail,” says Michael Kirchner, technical support manager, Generac. “The new exhaust piping module for Power Design Pro eliminates manual calculations and removes all of the guesswork from sizing the exhaust pipe. In doing so, it makes our already advanced generator sizing program that much more effective.”

Introduced in 2009, Generac’s Power Design Pro is a complete generator sizing and system design tool supporting both electrical and mechanical design. Designed by engineers, for engineers, Power Design Pro incorporates 50 years of power generation experience into the market’s most advanced generator design tool. Additionally, Power Design Pro is a one-stop solution center for the consulting engineer, offering specification sheets, installation drawings, emission information, a specification text library with full inclusive design notes and the ability to link directly to supporting dealers for budgetary quoting and additional support.

In addition to the new exhaust piping module, Power Design Pro has a number of innovative features:

- full harmonic and transient analysis to ensure complete generator to load compatibility
- advanced load modeling that uses an expert system approach to model a load's true characteristics and allows users to build their own load types
- load shedding capabilities that enable the user to shed loads entered into the program and evaluate the effects of running those loads against any generator configuration selected by the user
- gas piping capabilities to determine the required pipe size for gaseous fuel generators

Power Design Pro also offers natural load sequencing in addition to the traditional concurrent starting load step method, which means that users no longer have to manipulate loads into an arbitrary grouping to prevent false transient conditions.

For more information on Generac, please visit [www.Generac.com](http://www.Generac.com). To download the Power Design Pro Software, go to [www.Generac.com/PowerDesignPro](http://www.Generac.com/PowerDesignPro).

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**About Generac (NYSE: GNRC)**

*Since 1959, Generac has been a leading manufacturer of backup power generation products serving industrial, light commercial, and residential markets. Generac power systems range in output from 800 watts to 9 megawatts, include a complete line of automatic transfer switches, and are available through a broad network of independent and industrial dealers, retailers and wholesalers. For industrial applications, Generac offers diesel- and gaseous-fueled generators; the Bi-Fuel™ system for dramatic cost savings; the Generac Modular Power System (MPS) for exceptional reliability and scalability; and the Gemini Twin Pack system for serious space-saving requirements. For more information on Generac and its industrial product line, please visit [www.Generac.com/Industrial](http://www.Generac.com/Industrial). Follow Generac on Twitter @generacpowersys. Become a fan on Facebook at [www.facebook.com/generacpowersystem](http://www.facebook.com/generacpowersystem).*