



Office: + 832 532 3112

Fax: + 832 532 3115

www.lonestarblower.com

10/1/19 Press Release: **ASME PTC-13 Code is Now Released.**

Great News! Lone Star Blower announces the release of ASME PTC13; a power test code (PTC) from the American Society of Mechanical Engineers (ASME), a world renowned and recognized standards organization.

What is it? This is the first power test code used in the measurement of electric power consumption of packaged air blowers associated with a specified performance condition that covers all blower technologies on a total “wire to air” approach. “Wire to air” power is the total electric power consumption for a specified flow and pressure delivery measured at the power input to the blower package and includes all power-consuming electrical components of the blower package as required for installation and normal operation, i.e.: inlet and discharge accessories, drive motor, variable frequency drive, cooling system, controllers etc..

Per the President of Lone Star Blower, Andrew Balberg: “I petitioned ASME in 2008 for the need of this test code which would allow to accurately verify blower performance and overcome the limitations, and in some cases the inapplicability of existing codes, to newer packaged blower technologies. I had received the support of many in our industry, including the CEE – Consortium of Energy Efficiency and engineering consultants largely from the water and wastewater industry who saw the need for this code. After forming the Committee; little did I know it would take 10 years and many, many hours of dedication from the Committee to achieve this objective. Congratulations to my team members for such hard work and dedication!”

Who is on the Committee? “The committee had a lot of input from various members in the industry. Some of the original members that saw the process through to the end include: Lloyd Slezak – Brown and Caldwell, Hiran del Mel – Jacobs, Julia Gass - Black and Veatch, Tom Jenkins – JenTech, Inc, as well as my fellow manufacturers who also shared the same vision: Jacque Shultz - Howden and Ralf Weiser – Aerzen. This process required hundreds of unpaid hours for committee members to invest in this cause.

Why is it important? Andrew continues “Having been in the blower industry for quite some time I was always a bit frustrated in the lack of ability to definitively prove performance efficiencies; or even disprove some outrageous claims made in the market. It seemed anyone with a glossy brochure could claim the best efficiency. With this code, the end customers for the first time can get an accurate estimate and proper verification of how much “wire” power is consumed for the specified delivered “air” flow and pressure, plus they now have the ability to compare all blower technologies on a level playing field. This is a game changer!”

Why ASME? “It was important to have a standard written by the users of these codes rather than a specification offered or directed by the manufacturers themselves. This ASME committee was largely driven by engineering consultants in the water and wastewater industry and from an end user point of view to ensure they are getting what they have been promised. We also made it easily verifiable through witness testing by personnel who may not be knowledgeable in rotating equipment or testing procedures.”

Where can I get the code? Here is a link to the ASME website to get your copy today.

<https://www.asme.org/codes-standards/find-codes-standards/ptc-13-wire-air-performance-test-code-blower-systems?productKey=C08718:C08718>

Lone Star Blower, Inc. is a manufacturer and service company for blower and blower control systems. Products include gear driven single-stage turbo blowers with variable inlet and discharge guide vanes, gearless turbo blowers, and vertically split multistage turbo blower technologies, serving the industries of Water and Wastewater, Power, Petro-Chemical, Oil and Gas, Food and Beverage, Mining, and many others using compressed air or gas in pressure or vacuum applications. Lone Star is part of GL-TURBO global network of companies.

For more information please contact Lone Star:

+1 832-532-3112 www.lonestarblower.com info@lonestarblower.com