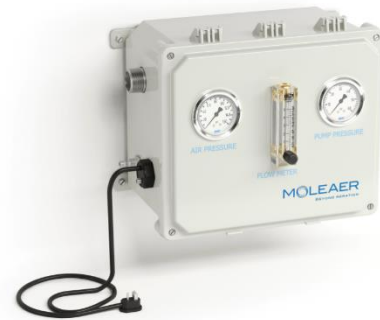


Moleaer™ Launches nanoBoost™, the most efficient oxygen delivery mechanism for Commercial Greenhouses

Company announces commercial partnership with Hort Americas

Los Angeles, Calif. – December 4, 2017 – Moleaer Inc., the leading manufacturer of industrial scale nanobubble generators, expands its innovative product line with the new nanoBoost Nanobubble Generator, ideally suited for applications such as hydroponics, pond management, and irrigation. Like the existing Moleaer industrial XTBNanobubble Generator™, the compact nanoBoost is a cost-effective and simple-to-install solution to deliver a supplementary source of oxygen-enriched nanobubbles that remain in suspension longer than conventional micro bubbles, efficiently oxygenating the entire body of water and providing a reserve of oxygen encapsulated within the bubbles.



One of the prime beneficiaries of the nanoBoost are commercial greenhouses. Moleaer's nanoBoost has been proven to significantly increase plant growth, improve size uniformity, reduce stress and prevent root disease under the most extreme conditions. It delivers billions of nanobubbles with 200-times the inter-facial surface area when compared to micro bubbles, making them far superior in transporting valuable oxygen to a plant's root system. In addition, the surface of the nanobubbles is negatively charged, attracting nutrient salts and enhancing nutrient uptake. Nanobubbles also increase the mobility of water molecules, potentially improving plant transpiration.



“We installed the 50-GPM nanoBoost in our Dallas-based hydroponics demonstration greenhouse in order to improve production of leafy greens and culinary herbs during the most difficult production season. Our thought was that if we enhance and maintained higher dissolved oxygen levels, we should be able to improve crop health and ultimately improve yield,” said Chris Higgins, General Manager of Hort Americas. “We observed DO levels of 29 ppm in water temperatures of roughly 90 degrees Fahrenheit. Not only did we achieve our highest level of DO, but our crop yields increased between 20 and 50%.”

Moleaer is also pleased to announce that it is collaborating with Hort Americas to commercialize Moleaer’s nanobubble generators within the hydroponics industry. “We are excited to work with Chris and his team at Hort Americas to accelerate the commercialization of our nanobubble technology,” said Nick Dyner, CEO of Moleaer. “Hort Americas brings a wealth of knowledge in helping growers utilize best-in-class technology to optimize their growing operations, and we are confident that our nanobubble technology will provide growers a new solution to significantly increase yields within their existing facility.”

The nanoBoost is available in various flow rates and are fully encased in a durable, NEMA4-rated weather-tolerant PVC shell. The unit is self-cleaning and features plug-and-play installation with no moving parts, thus ensuring long-lasting durability with minimal maintenance. The generator can be configured with an integrated pump or retrofitted with a customer’s existing pump to maximize energy efficiency.

About Moleaer

Moleaer™ (Latin for “tiny air”) was founded in 2016 to reshape the aeration industry by leveraging the unique properties of nanobubbles at industrial-scale. Unlike conventional aeration systems which demonstrate very poor gas transfer efficiencies and are ineffective at maintaining optimal gas saturation levels, Moleaer’s nanobubble generators produce trillions of nanobubbles with near perfect gas transfer efficiency. Moleaer’s nanobubbles have minimal buoyancy and can disperse throughout a body of liquid and remain submerged for prolonged periods of time, thereby providing a stable battery reserve of gas. The longevity of the nanobubbles in liquids, combined with a larger interfacial surface area, significantly increases their gas transfer capacity well beyond traditional aeration systems. Moleaer is headquartered in Los Angeles, California (USA). For more information, visit www.moleaer.com

About Hort Americas

Founded in 2009, Hort Americas, LLC is dedicated to playing an integral role in supporting the different niches of commercial horticulture by supplying industry specific products with technical know-how. As a wholesale supply company Hort Americas works closely with leading

manufacturers from around the world to bring the highest quality, technically advanced and most cost-effective products to the greenhouse growers in Canada, the United States, the Caribbean and Mexico.

Headquartered in Texas, Hort Americas is also partnered with the Dutch Company Horticoop BV to insure top level technical support, a global horticulture perspective and corporate stability. In addition, Hort Americas' experienced staff is strategically located throughout the territories it supports to insure reliable service, local knowledge and the highest level of customer care. For more information visit www.hortamericas.com

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