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Your guide to Renewable Energy

Energy Efficiency is all about responsible manufacturing

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Efficient usage of energy is a national cause, and R&D has taken a more significant role in coming out with products that are futuristic and cater to the needs of industry, writes Ashok Kumar Prusty, EVP, Bry-Air

Efficient use of energy is an essential element in development of a nation. With the growth of the Indian economy, the demand for electricity has grown substantially. As estimated by the Integrated Energy Policy Report, India's energy demand is set to double its energy consumption by 2030. Further, the high level of energy intensity in some of the sectors is a matter of concern. Among other sectors such as appliances, building etc. the Industry sector accounts for the major chunk i.e 40 percent of the country's total energy consumption. In such a scenario, efficient use of energy resources and their conservation assume tremendous significance and is essential for curtailment of wasteful expenditure and sustainable development.

Recognising the fact that efficient use of energy and its conservation is the least-cost option to meet the increasing energy demand, is where the role of the industry players comes in. The usage of the energy-efficient technologies is directly linked to the availability of such technologies in the market. Bry-Air is the leader in dehumidification worldwide and has been at the forefront of energy-smart adsorption and airengineering technologies since the very beginning. With over 55 years of experience, Bry-Air is a global leader in manufacturing of large industrial energy-efficient products such as dehumidifiers & dryers, gas phase filtration systems, high-temperature waste heat recovery wheels, plastic auxiliary equipment, dry rooms critical for lithium battery production and adsorption chillers.

Bry-Air's product offerings are highly customised and engineered to the needs and satisfaction of the customer. With a vast installation base and diversified portfolio catering to almost every industry, Bry-Air, where innovation is life, has always been ahead of its time and likes to be a front runner in all new technological advancements related to its businesses.

Efficient usage of energy is a national cause, and R&D has taken a more significant role in coming out with products that are futuristic and cater to the needs of industry. Working in this direction, Bry-Air BrySmart series (BBS) Dehumidifiers are the latest product offering from Bry-Air. Embedded with patented BrySmart® technology, these dehumidifiers integrate 4.0 tomorrow based concepts that reduce annual energy consumption by up to 48 percent. Other than lower energy usage & maintenance cost, these dehumidifiers run on green-tech, incorporate BHP™ Technology that customises rotor to deliver an additional energy saving of up to 20 percent by reducing initial react energy input for the equivalent performance of standard dehumidifiers.

These super smart dehumidifiers come equipped with the Dynamic Specific Performance (DSP) that enables them to continuously sense and monitor temperature at varying locations rotor thus providing data for continually optimizing performance and furthering the cause of saving energy while delivering value to the customers and stay ahead of the curve. The BBS Dehumidifiers can be remotely monitored & controlled and has an optional Bry-Air Prognos™ feature, an advanced tool for predictive maintenance. Bry-Air's products are "Made with Pride in India" – for India and the World.

Similarly, the manufacturers should join hands and make all-out efforts in making India an energy-efficient economy and society so that not only we remain competitive within our own market but also are able to compete in the international market.

Please see the new energy efficient dehumidifier introduced by Bry-Air :

<https://www.youtube.com/watch?v=laZz211gRB8> (<https://www.youtube.com/watch?v=laZz211gRB8>)

For more details do visit : <https://www.bryair.com/> (<https://www.bryair.com/>)