



Bry-Air launches Adsorption Chillers Energysmart Cooling using Waste Heat

Press Release



It's not magic.
It's an advanced green technology
using inert 'Silica Gel - Water' Pair
(Adsorbent) (Refrigerant)

May 15, 2015, Delhi, India: [Bry-Air \(Asia\)](#), today announced the launched of its Adsorption Chiller (range: 35 to 1180 kW). The Bry-Air Adsorption Chiller is based on an innovative green technology, and is the first of its kind in India, and will be manufactured in India under license from Power Partners, Inc., USA

The Bry-Air Adsorption Chiller provides **Energysmart Cooling using Waste Heat** it is a first ever product being launched in India to tap the abundant low grade waste heat available in process industries and use it for process cooling or air-conditioning (HVAC). A lot of low grade process heat (50°C

– 100°C) generally goes waste, which now can be used for cooling. This eco-friendly solution also **cuts down CO₂ emission** and **reduces energy expenses**.

"Adsorption chillers use energy from waste heat, with negligible electricity consumption, to provide chilled water for process cooling and air conditioning, and they do this with "green" refrigerant (water) and desiccant (silica gel). We are excited about the opportunities for that this technology provides," said [Deepak Pahwa, Managing Director, Bry-Air \(Asia\)](#).

The Adsorption Chiller has unbeatable advantages like ultra-low electricity consumption, negligible noise and vibration, life expectancy of more than 20 years, negligible maintenance, etc. It is ideal for process industries like **Power Plants, Food and Beverages, Chemical manufacturer,** etc. and for Commercial areas like Offices, Building, Hotels, Malls, etc.

Partners in Innovation

Bry-Air, the leader in dehumidification...worldwide, is a global solution provider for desiccant dehumidification, product drying, gas phase filtration, high temperature waste heat recovery and plastics auxiliaries.

With over 50 years of experience, Bry-Air has pioneered many new technologies.

Bry-Air is one of the flagship companies of the Pahwa Group with two state-of-the-art manufacturing facilities in India, fully owned subsidiaries in China, Malaysia, Switzerland and Brazil, and a worldwide sales network.

[Power Partners, Inc.](#), markets energy-efficient, environmentally friendly ECO-MAX adsorption chillers that are manufactured in Athens, GA, USA. Adsorption chiller technology is attractive to hospitals, universities, office complexes, data centers, tri-generation facilities, processing plants, manufacturing plants and government facilities. Power Partners is part of PPI, a groundbreaking manufacturing company whose brands include Power Partners, ECO-MAX, Gap Partners and Change Partners. Learn more at www.powerpartners-usa.com.

For more information, visit us at <http://www.bryair.com/product/adsorption-chiller-17/adsorption-chiller-40?categoryID=17>

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