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SPECIAL FEATURE

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Bry-Air BrySmart Series dehumidifier - Simple, cost-effective

THE BBS is the all-new, forward-looking and intelligent dehumidifier. It is a simple yet cost-effective solution, for all your humidity-related problems across diversified industries. It integrates trends like Industry 4.0 and ISO 50001 that help dehumidifier customers take a giant leap ahead in the quest for technology upgrade and energy conservation.

The product is embedded with the patented BrySmart and BryTherm technologies and is capable of delivering upto 48 per cent energy saving, plus an additional 20 per cent through the customised rotor which reduces initial react energy input for equivalent performance of standard dehumidifiers.

The dehumidifier not only optimises the specific performance, but also optimises the specific performance on a dynamic basis with constantly changing loads and environmental conditions.

The product modulates various critical components to optimise the energy consumption on a

continuous basis. It uses variable frequency drives (VFDs) on various motors and thyristor control for heaters and also includes mobile connectivity for sensor monitoring, controlling and data logging.

The BBS dehumidifiers come in the range BBS40 (4000 CMH) to BBS250 (25000 CMH).

It includes a seven-inch colour touch panel for easy operation/control and additional features like Bacnet/Modbus communication protocol, Ethernet port, RS232 and RS485 communication ports, start/stop access from a remote location using Android devices and at the same time remote fault warning output.

Modulate rotor speed

A special algorithm to collectively modulate rotor speed, reactivating airflow, temperature and process bypass is installed. No

top-up heater is required and is designed aesthetically for ruggedness and long life.

The eco-friendly dehumidifier is a step forward in energy conservation through enhanced technology (in real time).

The user has the option to control parameters and ensure maximum flexibility in operation with the patented BryTherm technology. It also has an option to incorporate a predictive failure/maintenance tool for continuously diagnosing and forecasting the component failures - Bry-Air Prognos, as an add-on.

Bry-Air, the leader in dehumidification worldwide, is a global solution provider for humidity control, moisture removal, product drying, gas phase filtration, plastics drying, conveying and blending, high temperature heat recovery and adsorption cooling.

Bry-Air dehumidifiers are designed to meet the most stringent moisture/humidity control needs and are available from

compact models to very complex engineered systems.

A Pahwa Group company, Bry-Air Asia has three state-of-the-art manufacturing facilities in India, fully-owned subsidiaries in Malaysia, China, Switzerland, Brazil and Nigeria and an associate plant in the United States, sup-

ported by a worldwide sales and service network.

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