



## Pharma Industry

...Engineered for you

# **P95° Dehumidifiers** -huge energy savings!

**>30%**

**uses breakthrough Rotor Technology**

- Regeneration at **95°C**
- Novel adsorbent/desiccant
- Bacteriacidal
- Prevents fungal growth

***At no extra cost!!!***



# Bry-Air® P95<sup>°</sup>X Dehumidifiers

Specifically engineered for pharmaceutical industry

Having extensive years of research and development on desiccant rotor technology, Bry-Air has yet again come up with a massive breakthrough - Introducing the **new generation G4 desiccant rotor**, which will revolutionise the world/science of dehumidification. This major breakthrough in desiccant rotor technology enables **regeneration/reactivation at just 95 °C**.

**The P95<sup>°</sup>x with G4 desiccant rotor at the heart of it all, is a product that is specially crafted for the pharmaceutical industry requirements in the forefront and is compliant to the FDA and CGMP requirements.**

## Unbeatable Energy Savings

>30%

## Unmatched Performance

REGENERATION AT  
95 °C

## Unmatched Product Specifications

AT NO  
ADDITIONAL  
COST



## Some outstanding features:

- **Stainless Steel Welded Frame** - Reliable, rust free, long life
- **Vapour Tight Construction** - SMACNA class 6 (shop tested at 6" water gauge)
- **Zero Leakage** - Minimum downtime
- **FDA and CGMP Compliant**
- **Robust Structural Design** - Withstanding seismic intensity level 10

## At the heart of it all...

EcoDry™ G4 Desiccant Rotor with Low Regeneration Temperature (LRT) inside:

- Bacteriostatic and specially treated
- Prevents fungal growth
- PH neutral
- Water/hose washable

### Novel adsorbent/desiccant

These unique properties / attributes are the key towards meeting the extreme cleanliness and hygiene standards required by the pharmaceutical industry.



Enables regeneration at 95 °C instead of prevailing 140 °C

**Game Changer in Energy Conservation and Sustainability**  
Helps in your march towards achieving



ISO 50001 is based on the management system model of continual improvement helping organization to better manage their energy usage.

## Specification... Process Airflow – 1000 CMH to 25000 CMH

Model	PROCESS AIR FLOW CMH	PROCESS ESP (P.A.)	PROCESS MOTOR (KW)	REACT AIR FLOW CMH	REACT ESP (P.A.)	REACT MOTOR (KW)	REACT HEATER (KW)*	POWER REQUIRED**
P95°x-1000	1000	300	1.1	333	250	0.37	8	415/3/50
P95°x-1500	1500	300	1.1	500	250	0.75	12	415/3/50
P95°x-2000	2000	300	1.5	667	250	1.1	15	415/3/50
P95°x-2500	2500	300	1.5	833	250	0.75	18	415/3/50
P95°x-3000	3000	300	1.5	1000	250	0.75	23	415/3/50
P95°x-4200	4200	300	2.2	1400	250	1.1	33	415/3/50
P95°x-5000	5000	300	3.7	1667	250	1.1	40	415/3/50
P95°x-6200	6200	300	2.2	2067	250	1.5	47	415/3/50
P95°x-7300	7300	300	3.7	2433	250	1.5	56	415/3/50
P95x-8000	8000	300	3.7	2667	250	1.5	62	415/3/50
P95°x-9000	9000	300	3.7	3000	250	2.2	70	415/3/50
P95°x-10500	10500	300	3.7	3500	250	2.2	80	415/3/50
P95°x-12500	12500	350	7.5	4167	250	3.7	95	415/3/50
P95°x-15000	15000	350	7.5	5000	250	3.7	116	415/3/50
P95°x-20000	20000	350	11	6667	250	7.5	158	415/3/50
P95°x-25000	25000	350	11	8333	250	7.5	189	415/3/50

\* Heater design voltage is 210VAC

\*\* Other voltage available are 200/220/240/415/440/460 VAC, 3Ph, 50/60 Hz

## Why Bry-Air?



Over 60 years experience in desiccant dehumidification



Fastest growing adsorption technology group in the world



Partnering the pharmaceutical industry for over 6 decades



BryCare service, best in the industry



9 R&D labs, 114 total active patent applications



Worldwide network



# Unlimited Customisation... at Limited Cost

## Dehumidifiers – You name it, we have it

### Dehumidifier Range

Bry-Air BrySmart® series (BBS)  
with Patented Technology



Engineered Dehumidifier  
2500 CMH to 25000 CMH and above



Compact Dehumidifier  
170 CMH to 4500 CMH



FLi series  
Dehumidifier



BryPool™ for  
Indoor Swimming Pool



Tray Dryer for Drying  
Seeds & Agro Products

### Other Product Divisions

**Gas Phase Filtration**  
for removal of Corrosive  
& Odorous Gases

**Plastic Auxiliaries**  
for Drying, Conveying, Blending,  
Heating & Cooling and Mould  
Dehumidification

**Dry Rooms**  
Critical for Lithium Battery  
Production

**Adsorption Chiller**  
use low grade waste heat  
for Energysmart Green  
Cooling

**High Temperature  
Heat Recovery  
Wheel**

### Unlimited Applications



Food Processing  
and Packaging



Pharmaceutical  
Industry



Lithium Battery  
& Dry Room



IT and  
Data Centres



Electronics and  
Electricals Industry



Automotive  
Industry



Power Plants and  
Switchgear Rooms



Leather and  
Garment Industry



Defence and  
Aviation Industry



Healthcare, Hospital  
and Laboratory



Pulp & Paper and  
Printing Industry



Fertilizer and  
Chemical Industry



Archives, Museum  
and Libraries



Seeds and  
Spices Drying



Investment  
Casting Drying

and many more



Leaders in Dehumidification... Worldwide

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