



**Bry-Air**<sup>®</sup>  
**Tray Dryers**  
(FSD Series)

# Upgrade your preservation process, improve product life, increase profits !



**Bry-Air®**

**We taught the world the Art of Drying**

Bry-Air has the widest, and the world's most energy efficient range of Desiccant Dehumidifiers and Dryers, for every dry air application, in every industry. Thousands of our customers appreciate our contribution to improvement in their product quality, productivity and profitability.



## The **Bry-Air®** Tray Dryer – for drying temperature sensitive food products

Temperature sensitive items like spices, katha, seeds etc. can be dried quickly in any weather using low temperature dry air.

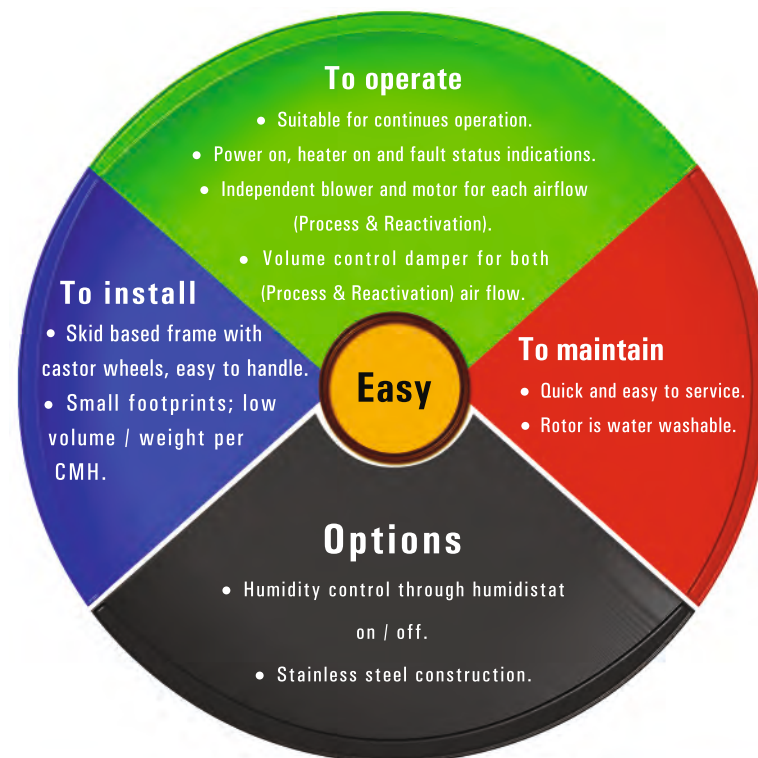
Bry-Air Tray Dryers, based on the state-of-the-art Desiccant Dehumidification drying technology, dry the products to the required level in approximately eight hours without affecting their quality.

### High efficiency and reliability

- A totally self-contained unit.
- CNC fabricated unit(s) with powder coated finish.
- Rotor media has high performance metal silicates synthesized in situ.
- Rotor incorporates robust internal structure with stainless steel perimeter flange for industrial quality and durability.
- Rotor perimeter flange extends media and seal life.
- Edge hard face coating on rotor ensures long life and good sealing for media and seals.
- Rotor is non-flammable with organics < 2%.
- Water cooled inter-cooler.

### Necessary control and safety

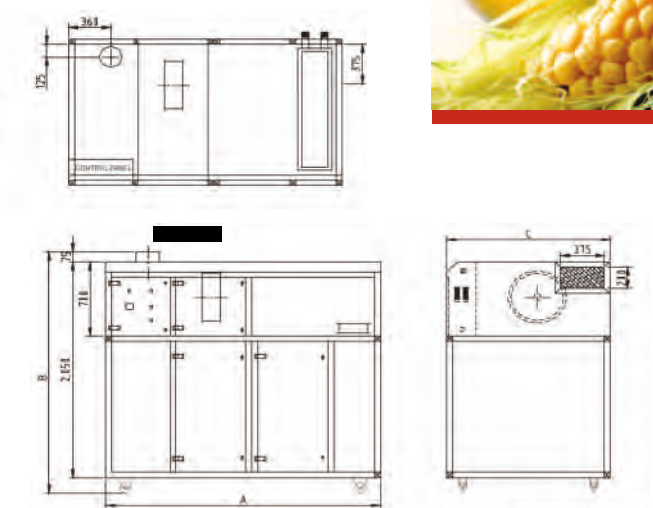
- Differential air pressure switch for proving react air flow.
- High temperature safety thermostat cut-out.
- Reactivation cool down safety device.
- Electrical interlocking of fan motors, heaters and rotor drive.
- Unique PTFE bonded silicon bulb seal design; minimized air leakage.



Incorporating high performance, **EGG DRY** metal silicate fluted desiccant synthesized rotor's



Tray Dryer (FSD Series)



Technical Specifications

Model	Process Air Flow CMH	Process ESP (Pa.)	Process Motor kw	React Air Flow CMH	React ESP (Pa.)	React Motor kw	React Heater kw	Seed Drying kg/8hr	Tray Size m3 / Qty	Dimension			Power* Reqd. V / Q / Hz	Approx Weight kg
										A mm	B mm	C mm		
FSD-600	600	750	1.1	200	750	0.37	7.2	180	0.036/10	1730	2380	1230	415/3/50	465
FSD-1200	1200	750	1.1	400	750	0.75	14.4	360	0.036/20	2410	2380	1230	415/3/50	630
FSD-1800	1800	850	1.5	600	750	0.76	21.6	540	0.036/30	3272	2395	1330	415/3/50	745

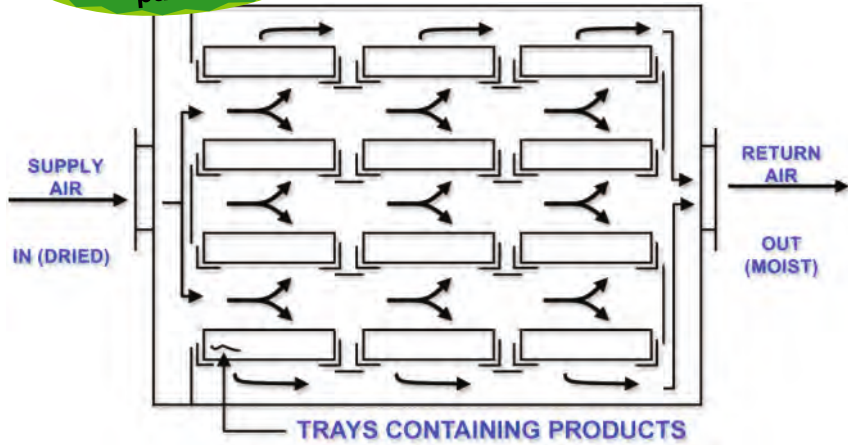
\* Note: Other voltage available are 200/220/240/380/440/460 VAC, 3Ph, 50/60 Hz. \*\*All data are subject to change.



# Tray Dryer – Based on the principle of dehumidification . . . .

Incorporating a unique air distribution pattern

## How does it work ?



Bry-Air Tray Dryer consists of a chamber with trays for keeping the products to be dried and a Desiccant Dehumidifier which continuously feeds dry air to the chamber. This unique air distribution pattern optimises drying capacity and time.

Available in three models, Bry-Air Tray Dryers' drying capacities range from 180 kg to 540 kg per 8 hrs.

## We are never too far from you!



- ★ Plants
- ▲ Associate Plant
- Own Sales & Services Offices
- Rep. Network



Leaders in Dehumidification... Worldwide

VISIT US AT  
[www.bryair.com](http://www.bryair.com)

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Enter Bry-Air... exit moisture