

Bry-Air® **FLi** SERIES
DESICCANT DEHUMIDIFIERS



Your Moisture Removal Partner . . .



The Choice for Desiccant Dehumidification™ . . . Worldwide



Unlimited Applications : Bry-Air dehumidifiers help to remove humidity to the desired constant level by removing moisture from air effectively and economically. They are used successfully for research and development, manufacturing, processing, drying, testing, storage and packaging in almost all industries.

Processing & Production Areas : • Breweries • Chemicals and Petrochemicals • Electronics • Food • Pharmaceuticals • Photographic films • Safety glass • Sandblasting, etc.

Storage : • Corrosive metals • Electronics • Food • Leather • Military hardware • Precision components • Seed • Sugar, etc.

Packaging : • Chemicals • Dairy products • Fertilizers • Tea / Coffee • Hygroscopic powders, etc.

Protection of : • Defence equipments • Power plant lay-up • Water treatment plants, etc.



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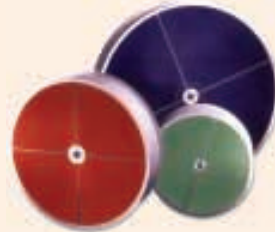
Your **Moisture Removal Partner** . . .



Advantage with



- Adsorbent, non-toxic, non-flammable, fully water washable.
- In-situ synthesized metal silicate desiccant on an inert inorganic fibre substrate.
- Active desiccant 80% of the media weight, so as to ensure high performance and minimal heat carry-over.
- Rotor is non-flammable. The net organics in the honeycomb media less than 2%.
- Special edge hardened media surface to ensure a smooth surface and long life of both, media and the seal contacting it.
- Rotor perimeter flange extends media and seal life.
- Rotor incorporates robust internal structure with perimeter flange for industrial quality, durability and easy serviceability.



Cost Effective, Efficient, Sturdy and Reliable

- CNC fabricated with industrial grade coating and stainless steel tubing welded frame work. Double skin construction with powder coated (MS) external skin and GI Internal Skin. Option of stainless steel internal skin available for specialized applications like Food, Pharmaceuticals and other critical applications.
- Highly effective moisture removal capability.
 - Incorporates the high performance **EcoDry** rotor.
 - Low volume/weight per CMH, thus, more moisture removal.
- Airtight, leak proof design for minimized air leakage.
 - Air intake through EU-3 grade leak tight filters.
 - Unique PTFE bonded bulb seal design.
- Airtight easy to package and integrate additional pre/after cooler modules, higher grade filter.

- Both process as well as reactivation air flow sectors are insulated.
- Multiple choice of reactivation heat source: electrical, steam, thermic fluid, direct/indirect-fired gas.

Simple and easy to install, operate and maintain :

- Easy to package and handle, highly versatile.
- Smaller footprints
- Can be continuously in operation.
- Auto / manual selector switch.
- Volume control dampers for both (P&R) air flow.
- Rotor is water washable.

Options

- Humidity control by humidistat on/off.
- Stainless steel construction.
- Reactivation cool down safety device.
- Microprocessor based state of the art BrySmart controller provides digital display of status of faults, warning, temperature and RH.

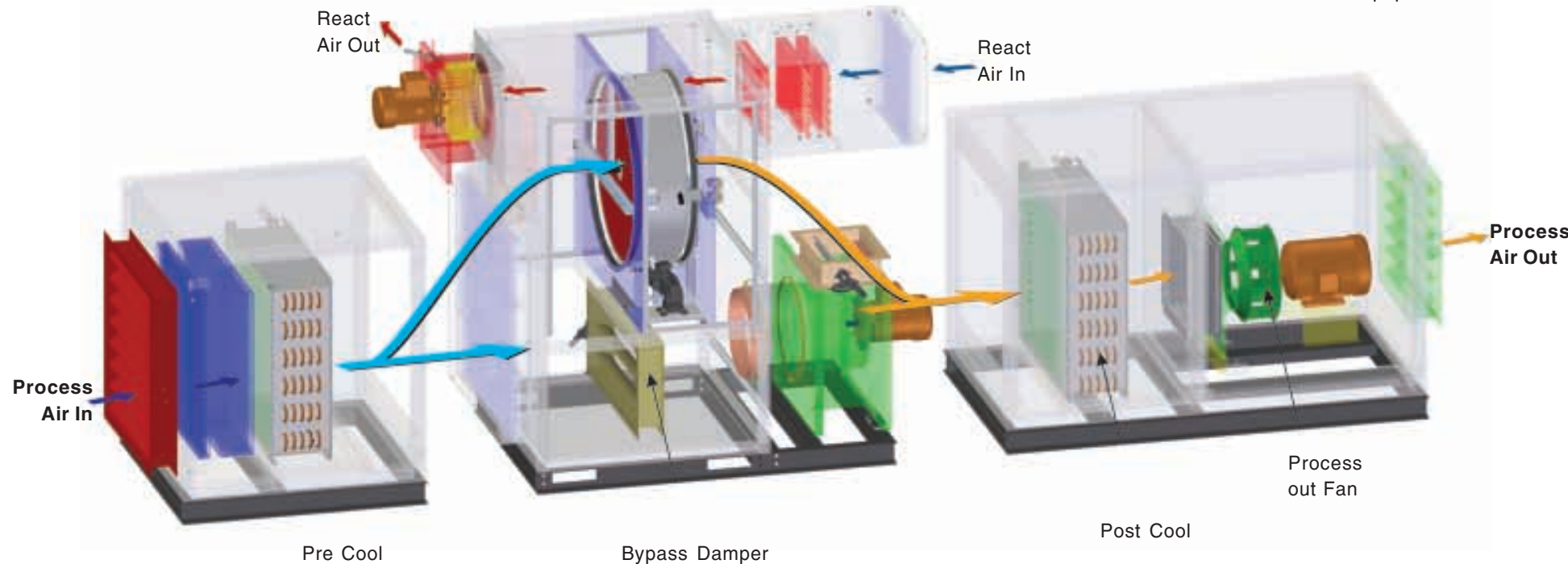
Bry-Air® FLi Series – Your Moisture Removal Partner

Designed aesthetically the FLi series Bry-Air dehumidifiers can be packaged with

- ◆ Pre filter ◆ After filter ◆ Pre cooling (fresh air cooling) ◆ Post cooling ◆ Bypass arrangement . . .

. . . for complete air handling and environment control needs. Engineered to highest consistency, reliability and ecology standards, the FLi rotary type, industrial dehumidifier removes moisture from air on a continuous basis.

The FLi Dehumidifier incorporates the highly effective **EcoDry** metal silicate desiccant synthesized rotor to meet the industry needs for an equipment with small footprint coupled with high moisture removal capability.



FLi Series 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	Power Reqd.	Approx Weight (kg.)
FLi 2500	2500	300	1.5	833	250	0.746	26	415/3/50	300
FLi 3000	3000	300	1.5	1000	250	0.746	32	415/3/50	350
FLi 4200	4200	300	2.2	1400	250	1.1	44	415/3/50	425
FLi 5000	5000	300	3.7	1667	250	1.1	53	415/3/50	495
FLi 6200	6200	300	2.2	2067	250	1.5	66	415/3/50	570
FLi 7300	7300	300	3.7	2433	250	1.5	77	415/3/50	650
FLi 8000	8000	300	3.7	2667	250	1.5	85	415/3/50	720
FLi 9000	9000	300	3.7	3000	250	1.5	95	415/3/50	780
FLi 10500	10500	300	3.7	3500	250	2.24	111	415/3/50	850

Note : Because of our policy of continuous product improvements, specifications are subject to change without notice.