Bry-Air’s VFB™ is the ideal dehumidification solution for facilities in need of custom built reliable temperature and humidity control.

VFB™-Series Dehumidifier

**Standard Features**

- Easy to remove desiccant rotor
- Electric, steam, or direct or indirect fired gas reactivation
- Relay based controls for simple reliable operation
- Programmable logic controls
  - Allen Bradley
  - Micrologix 1200

**Optional Features**

- Pre and/or After cooling coils – DX or chilled water
- Pre and/or After heat – electric, gas, hot water, or steam
- Humidification
- Pre-piped and wired condensing units
- Removable 3” deep drain pan
- External bypass duct
- Purge section for ultra low dew point applications
- Customer specified logic controls
  - Siemens
  - Automation Direct
  - Other
- Variable frequency drives
- Custom configurations for tight spaces
- EcoDry® Energy Management System
- Building Automation Interface
  - BacNet
  - Lon Works
  - Ethernet
- Cleanable or disposable 45% inlet air filters
### Typical VFB Performance Curve

![Typical VFB Performance Curve](image)

With thirteen standard rotor sizes and a wide variety of packaging options, the **VFB**-**Series** of dehumidification units can be tailored to match the specific requirements of the challenging applications.

With the **VFB**-**Series** you will get:

- The latest technology
- Solid welded aluminum construction
- Thirteen standard sizes from 300 to 30,000 CFM of dehumidified air
- 100,000 CFM or more total system air
- Low cost of ownership
- Easier maintenance
- Ultimate flexibility of application
- A machine built to last

<table>
<thead>
<tr>
<th>Model</th>
<th>Process CFM</th>
<th>Process Static</th>
<th>React Static</th>
<th>Load KW</th>
<th>React Motors</th>
<th>Electric KW</th>
<th>Gas CFH Direct</th>
<th>Gas CFH Indirect</th>
<th>Steam LB/HR</th>
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<tbody>
<tr>
<td>VFB-3</td>
<td>300</td>
<td>1.50&quot; w.c.</td>
<td>100</td>
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<td>200</td>
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<td>13.5</td>
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* Gas usage in cubic feet per hour based on natural gas at 1025 BTUH per cubic foot
** Gas usage in cubic feet per hour based on exchanger efficiency of 80% using natural gas at 1025 BTUH per cubic foot
*** Steam LB/HR shown based on entering steam pressure of 100 PSI