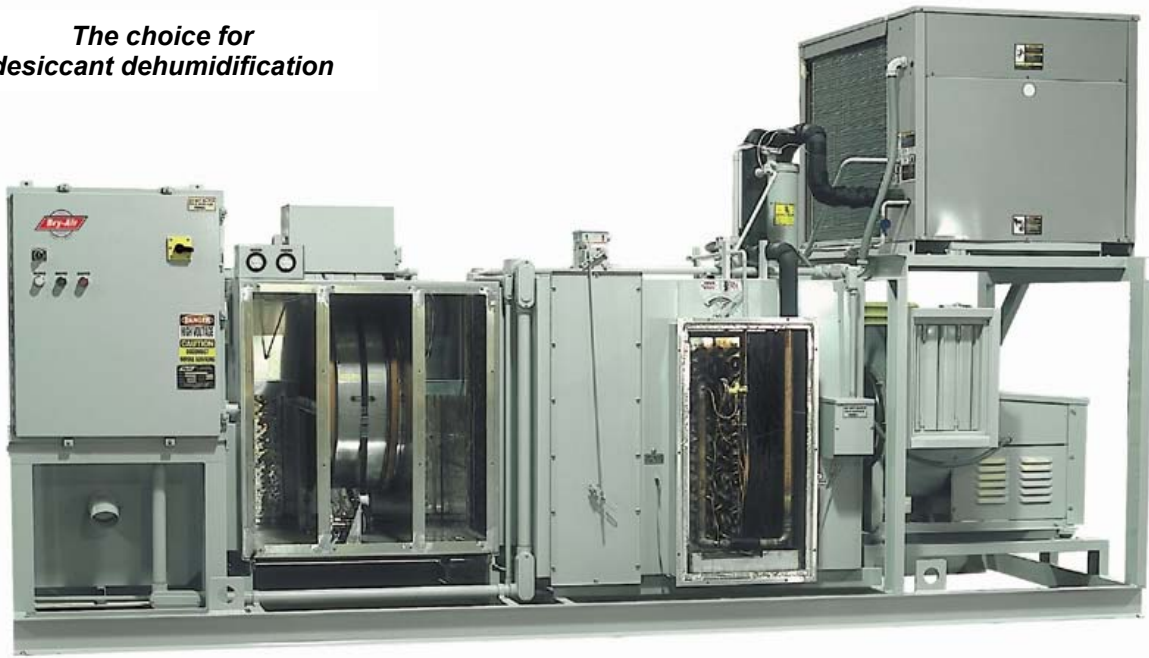




Bry-Air's VFB is the ideal dehumidification solution for facilities in need of custom built reliable temperature and humidity control

The choice for desiccant dehumidification



VFB-Series Dehumidifier

Standard Features

- Easy to remove desiccant rotor
- Electric, steam, or direct or indirect fired gas reactivation
- Cleanable or disposable 30% inlet air filters
- Relay based controls for simple reliable operation

Optional Features

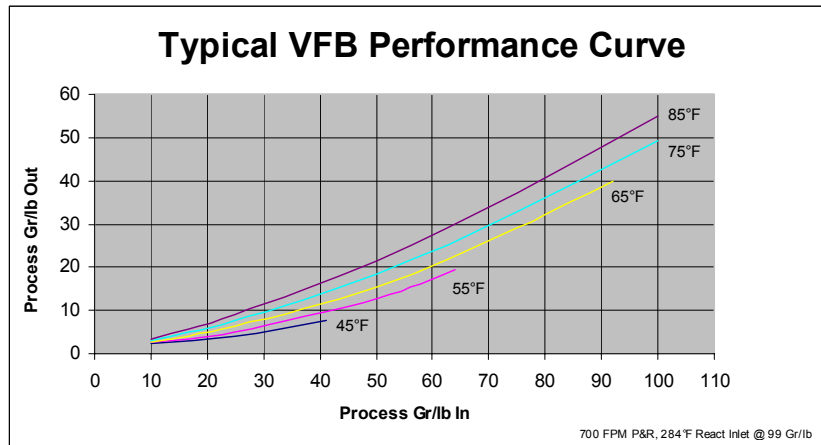
- Pre and/or After cooling coils – DX or chilled water
- Pre and/or After heat – electric, gas, hot water, or steam
- Humidification
- Pre-piped and wired condensing units
- Removable 3" deep drain pan
- External bypass duct
- Purge section for ultra low dew point applications
- Programmable logic controls
 - Allen Bradley
 - Siemens
 - Automation Direct
 - Other
- Variable frequency drives
- Custom configurations for tight spaces

Model	Process CFM	Process External Static	React CFM	React External Static	Load KW Motors & Controls	Reactivation Heat Source			
						Electric KW	Gas CFH Direct Fired *	Gas CFH Indirect Fired **	Steam LB/HR ***
VFB-3	300	1.50" w.c.	100	0.75" w.c.	2.7	6.5	N/A	N/A	26
VFB-6	600	1.50" w.c.	200	0.75" w.c.	4.35	13.5	44	55	52
VFB-9	900	1.50" w.c.	300	0.75" w.c.	4.75	20	67	83.75	77
VFB-12	1200	1.50" w.c.	400	0.75" w.c.	6.15	26.4	89	111.25	103
VFB-18	1800	1.50" w.c.	600	0.75" w.c.	5.65	39.6	133	166.25	154
VFB-24	2400	1.50" w.c.	800	0.75" w.c.	8.55	52.8	177	221.25	205
VFB-36	3600	1.50" w.c.	1200	0.75" w.c.	10.75	82.5	265	331.25	308
VFB-50	5000	1.50" w.c.	1667	0.75" w.c.	9.65	115.5	367	458.75	428
VFB-75	7500	1.50" w.c.	2500	0.75" w.c.	13.45	165	551	688.75	641
VFB-100	10000	1.50" w.c.	3333	0.75" w.c.	20.75	231	734	917.5	855
VFB-150	15000	1.50" w.c.	5000	0.75" w.c.	26.35	330	1102	1377.5	1282
VFB-200	20000	1.50" w.c.	6667	0.75" w.c.	33.55	445.5	1469	1836.25	1709
VFB-300	30000	1.50" w.c.	10000	0.75" w.c.	59.05	660	2203	2753.75	2563

* 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



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