

Single Tower Heat Regenerative Air Dryers 60 to 3000 SCFM

The HBS Series Single Tower Heat Regenerative Desiccant Air Dryers cost less to operate than a refrigerated air dryer, while providing higher quality air. All HBS Series Dryers are provided with factory installed Pre and After-Filters, resulting in a true all-in-one package. With only three moving parts and a rugged construction, their simplicity will impress and perform beyond your expectations.

- Rugged, simple design - may be the last dryer you will ever need
- Less than 1% remaining RH compared to 30% RH for refrigerated dryers
- No moving parts during the drying cycle eliminates downtime
- No HVAC or refrigerants results in minimal environmental impact
- Lower operating cost than a refrigerated air dryer
- Outlet Dew Points of 0°F to -50°F



FEATURES

- Power Requirements (depending on model) -
 - 120 VAC, 1 Phase, 60 Hz
 - 208 - 230 VAC, 1 Phase, 60 Hz
 - 460 VAC, 3 Phase, 60 Hz
- Maximum Pressure (depending on model) -
 - 150 PSIG
 - 200 PSIG
- Packaged Filters -
 - Oil removal to 99.9% @ 0.3 to 0.6 Microns
 - Particle Removal to 99.9% @ 1 Micron
- 3-Way Electric Ball Valves
- Low Watt Density Heater
- Industrial Duty Blower
- Simple Maintenance

OPTIONS

- 3-Way System Bypass
- Dual Filter Packages
- High Pressure (to 800 PSIG)
- Tower Insulation
- Low Ambient Temperature Kit
- Alternate Voltages

Call for all Available Options

www.AtecAIR.com
800.521.5351

Atec | AIR
HBS SERIES
SINGLE TOWER HEAT REGENERATIVE DRYERS

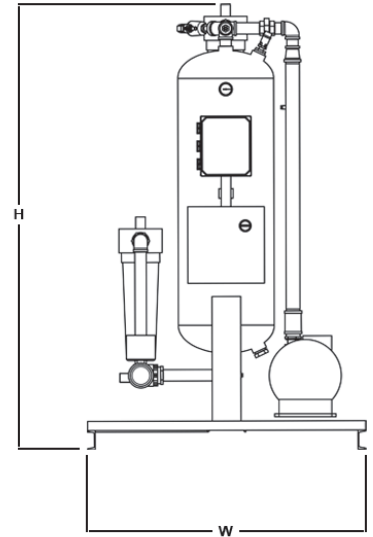
HBS Series

SPECIFICATIONS

	INLET Flow (SCFM @ 100 PSIG)	Inlet / Outlet Ports (NPT)	Power Requirement	Maximum Pressure (PSIG)
HBS-0060-1.*	60	1"	120 VAC, 1 Phase, 60 Hz	200
HBS-0100-1.*	100			
HBS-0150-1.*	150			
HBS-0200-2.*	200	1-1/2"	208-230 VAC, 1 Phase, 60 Hz	200
HBS-0250-2.*	250			
HBS-0300-4.*	300	2"	460 VAC, 3 Phase, 60 Hz	150
HBS-0400-4.*	400			
HBS-0500-4.*	500			
HBS-0650-4.*	650			
HBS-0800-4.*	800	3" (FLG)	460 VAC, 3 Phase, 60 Hz	150
HBS-1000-4.*	1000			
HBS-1250-4.*	1250			
HBS-1600-4.*	1600	4" (FLG)	460 VAC, 3 Phase, 60 Hz	150
HBS-2100-4.*	2100			
HBS-2600-4.*	2600	6/4" (FLG)	460 VAC, 3 Phase, 60 Hz	150
HBS-3000-4.*	3000			

DIMENSIONS

	Weight (lbs)	Width (in)	Depth (in)	Height (in)
HBS-0060-1.*	270	32	32	76
HBS-0100-1.*	475			
HBS-0150-1.*	560			
HBS-0200-2.*	590	46	30	78
HBS-0250-2.*	640			
HBS-0300-4.*	940	50	36	84
HBS-0400-4.*	1070			
HBS-0500-4.*	1190			
HBS-0650-4.*	1215			
HBS-0800-4.*	1270	56	40	87
HBS-1000-4.*	1385			
HBS-1250-4.*	1510	62	42	94
HBS-1600-4.*	1715			
HBS-2100-4.*	2255	68	52	95
HBS-2600-4.*	2575			
HBS-3000-4.*	3433	72	60	



MODEL CONFIGURATION

Dryer Model: From Above



Voltage: From Power Requirement Above

- 1 - 120 VAC, 1 Phase, 60 Hz
- 2 - 208-230 VAC, 1 Phase, 60 Hz
- 4 - 460 VAC, 3 Phase, 60 Hz

***3-Way Bypass:**

3 - YES

***Low Ambient Kit:**

L - YES

* Leave Unselected Options Blank when building your Part Number

ISO 8573:2010 Quality Class	DIRT Maximum Number of Particle Size per m ³ in micron	WATER Pressure Dewpoint °C (ppm. Vol.) at 7 bar g	OIL (including vapour) mg/m ³
0	As specified by equipment or supplier. More stringent than Class 1.		
1	<20,000 0.1-0.5	-70 (0.3)	0.01
2	<400,000 0.1-0.5	-40 (16)	0.1
3	<90,000 0.5-1.0	-20 (128)	1.0
4	<10,000 1.0-5.0	+3 (940)	5
5	<100,000 1.0-5.0	+7 (1240)	25
6		+10 (1500)	-

HBS Series meets ISO 8573-1 Air Quality of 1.3.1

For more complete information on Altec AIR products and services, visit us on the web at www.AltecAIR.com. Material and specifications are subject to change without notice. Featured units in photos may include optional features. Please contact an Altec AIR representative for all available options. Altec AIR logo is a registered trademarks of Altec Inc. in the United States and various other countries and may not be used without permission.
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