

## Features:

- *Very dry outlet air to better than -100°F dew point.*
- *Flow capacities of 3 to 50 SCFM.*
- *8 model sizes to match application requirements.*
- *Max pressure 150 PSIG.*
- *Compact and lightweight design requires less space.*
- *Solid state timer with memory for energy savings.*
- *Standard NEMA 4X electrical Rating.*
- *Fully repressurizing design for steady outlet pressure.*
- *Fixed, self cleaning orifices for accurate purge control.*
- *Standard non-plugging, non-corroding purge mufflers.*

Using Pressure Swing Adsorption (PSA) technology, the Twin Tower Engineering regenerative air dryers are designed to maximize the efficiency of the drying process. Ultra-Dry compressed air dew points of -40°F to better than -100°F can be achieved.



Model Number	HR1	HR2	HR3	HR4	HR5	HR6	HR6.5	HR7
<b>Flow Capacities (scfm) at 100 PSIG</b>								
Inlet Flow	3.0	6.0	9.0	12.0	16.0	25.0	35.0	50.0
Purge Flow	0.8	1.6	2.4	3.2	3.4	5.4	7.8	10.8
Outlet Flow	2.2	4.4	6.6	8.8	12.6	19.6	27.2	39.2
<b>*Flow Capacities (scfm) at 150 PSIG</b>								
Inlet Flow	4.2	8.4	12.9	17.2	22.5	35.9	50.3	71.9
Purge Flow	0.8	1.5	2.4	3.3	3.4	5.5	8.0	11.1
Outlet Flow	3.4	6.9	10.5	13.9	19.1	30.4	42.3	60.8
<b>*Flow Capacities (scfm) at 50 PSIG</b>								
Inlet Flow	1.7	3.4	5.1	6.8	9.0	14.1	19.6	28.2
Purge Flow	0.7	1.4	2.1	2.8	3.0	4.8	7.7	9.7
Outlet Flow	1.0	2.0	3.0	4.0	6.0	9.3	11.9	18.5
<b>Inlet/Outlet Connections (npt)</b>								
	3/8"	3/8"	3/8"	3/8"	1/2"	1/2"	1/2"	1/2"
<b>Dimensions (Inches)</b>								
Height	13.6	18.2	17.3	20.1	33.0	41.9	39.3	46.3
Width	7.4	7.4	7.4	7.4	9.5	9.5	10.0	10.0
Depth	5.2	5.2	5.2	5.2	6.5	6.5	7.0	7.0
Weight (pounds)	8	9	10	11	29	34	59	65

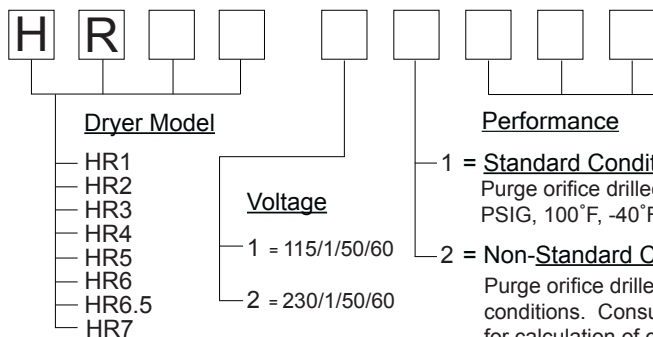
\* Indicates flow capacities with orifice change

## Typical Applications:

- Air Bearings
- Air Brushing
- Air Operated Pumps
- Air Turbines
- Antenna Pressurization
- Car Wash Controls
- CEMS Systems
- Dental Compressors
- Dry Sprinkler Systems
- Environmental Chambers
- FTIR Spectrometers
- Gas Chromatographs
- Laboratory Analyzers
- NMR Spectroscopy
- Outdoor HVAC Controls
- Ozone Generators
- Pneumatic Automation
- Robotic Machinery
- Vortex Tubes
- Waveguide Pressurization

All Models: Maximum temperature: 120° ambient  
 Maximum pressure: 150 PSIG  
 Outlet dew point: -40°F pressure dew point with 100°F saturated inlet (-100°F optional)  
 Recommended filtration on inlet: 5.0 micron filter and 0.01 micron filter

### MODEL NUMBER ORDERING



### Options

- B = 3 Valve Bypass Piping Kit
- F = Filter kit (5 micron and 0.01 micron Prefilters, 0.5 micron Afterfilter)
- H = High Humidity Alarm Panel with local light and dry contacts (shipped loose for remote mounting)
- M = Moisture Indicator
- P = Tower Pressure Gauges
- S = Floor Stand Kit

*Inlet Pressure, Inlet Temperature, Inlet SCFM or Outlet SCFM, Desired Outlet Dew Point.*

For additional information please go to our web site @ [airdryers.com](http://airdryers.com)



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