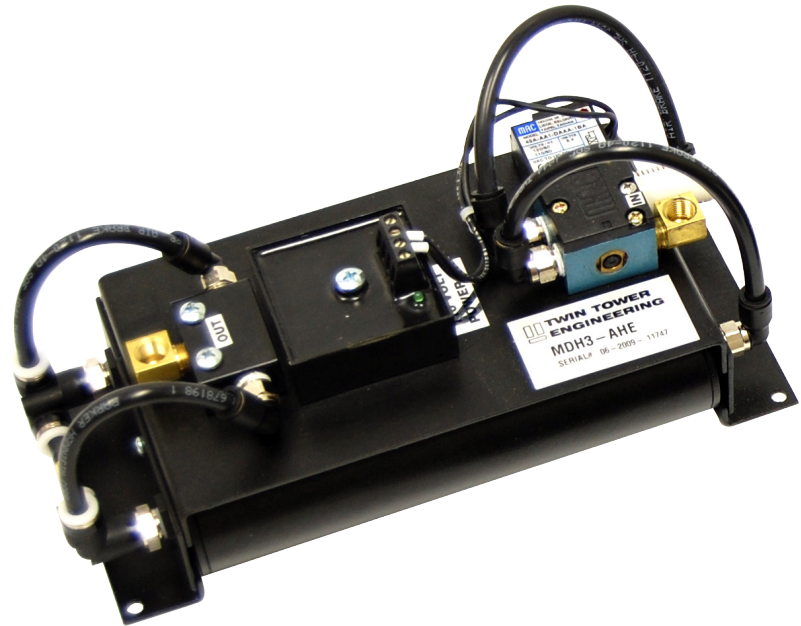


## Features:

- *Miniature design requires minimum space in OEM equipment.*
- *Uniquely sized for point-of use or with fractional horsepower air compressor.*
- *Continuous dry air output of -40°F dew point (0°F or -100°F also available).*
- *Power consumption is 6 watts or less.*
- *Solid state timer with built in memory for accurate switching controls.*
- *Two minute cycle reduces valve wear and desiccant shock.*
- *Non-plugging and non-corroding purge mufflers.*
- *Precision orifice to control purge flow.*

Ultra-small desiccant compressed air dryers can be used for low-flow applications or with fractional horsepower air compressors. These units are heatless regenerative desiccant air dryers designed to produce low dew points. Extremely small footprint allows for packaging inside equipment cabinets or at point-of-use.



Model Number	MDH1	MDH2	MDH3	MDH4	MDH5	MDH6
<b>Flow Capacities at 100 PSIG (SCFM)</b>						
Inlet Flow	.40	.80	1.10	1.60	2.40	3.20
Purge Flow	.10	.20	.27	.40	.60	.80
Outlet Flow	.30	.60	.83	1.20	1.80	2.40
<b>*Flow Capacities at 50 PSIG (SCFM)</b>						
Inlet Flow	.21	.40	.53	.82	1.36	1.65
Purge Flow	.09	.18	.23	.36	.62	.72
Outlet Flow	.12	.22	.30	.46	.74	.94
<b>Inlet/Outlet Connections (NPT)</b>						
	1/8"	1/8"	1/8"	1/8"	1/4"	1/4"
<b>Dimensions (Inches)</b>						
Height	7	10.3	8.8	10.1	9.5	11.4
Width	3.5	3.5	4	4	5	5
Depth	3.3	3.3	3.5	3.5	3.8	3.8
Weight (pounds)	1.4	1.5	1.6	1.9	2.2	3.1

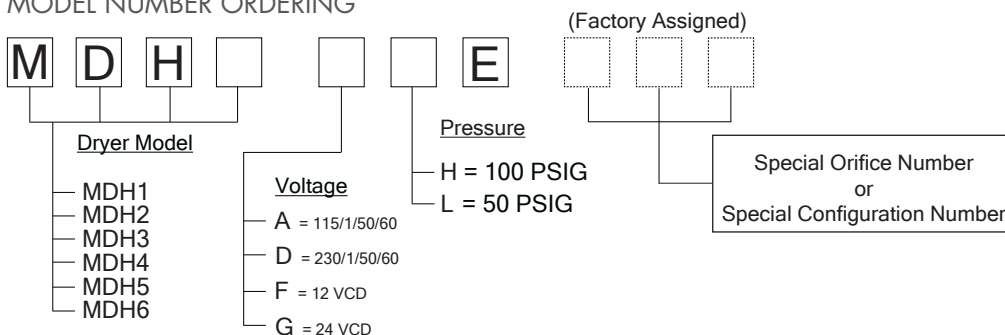
\* Indicates flow capacities with orifice change

## 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
- Graphic Printers
- Laboratory Analyzers
- NMR Spectroscopy
- Outdoor HVAC Controls
- Outdoor Air Lines
- Ozone Generators
- Pneumatic Automation
- Robotic Machinery
- Vortex Tubes
- Electronic Chip Testing
- Waveguide Pressurization

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

## MODEL NUMBER ORDERING



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

**TWIN TOWER  
ENGINEERING**

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