

## Features:

- *Solid state timer with built-in timer memory enabling purge saving start-stop operation.*
- *Easy-change, screw-on desiccant towers.*
- *Direct acting solenoid valves for positive shifting and reliable flow control.*
- *Rugged and light weight aluminum construction.*
- *Ultra-compact size can be mounted in any position.*
- *Fixed orifice design for consistent, trouble-free purge flow.*
- *Components are all easily serviced and field replaceable.*
- *Purge mufflers and power cord come standard.*

Economical and compact, these heatless desiccant compressed air dryers provide low dew points to -100°F ADP (atmospheric dew point). This proven "no-frills" design uses Pressure Swing Adsorption (PSA) technology and will provide years of trouble-free service.



Model Number	VSA1	VSA2	VSA3	VSA4
Flow Capacities (SCFM) at 100 psig				
Inlet Flow	2.8	5.8	8.0	12.0
Purge Flow	0.8	1.7	2.5	3.2
Outlet Flow	2.0	4.1	5.5	8.8
*Flow Capacities at 150 psig (SCFM)				
Inlet Flow	4.0	8.3	11.3	16.7
Purge Flow	0.8	1.7	2.5	3.3
Outlet Flow	3.2	6.6	8.8	13.4
*Flow Capacities at 50 psig (SCFM)				
Inlet Flow	1.5	3.1	4.4	6.5
Purge Flow	0.8	1.6	2.4	3.3
Outlet Flow	0.7	1.5	2.0	3.2
Inlet/Outlet Connections (NPT)				
	1/4"	1/4"	1/4"	1/4"
Dimensions (inches)				
Height	10.1	13.1	16.1	24.1
Width	8.0	8.0	8.0	8.0
Depth	4.8	4.8	4.8	4.8
Weight (pounds)	7	8	9	14

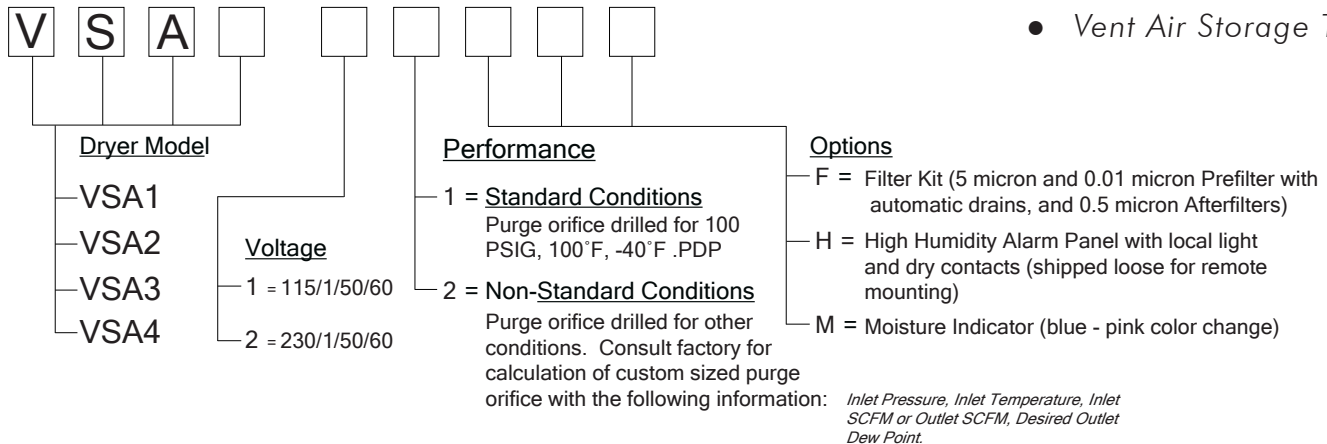
\* Indicates flow capacities with orifice change - when ordering, see non-standard conditions below

## Typical Applications:

- Air Bearings
- Air Brushing
- Air Operated Pumps
- Air Turbines
- Antenna Pressurization
- Car Wash Controls
- CEMS Systems
- Dental Compressors
- Dry Sprinkler Systems
- Enviromental Chambers
- Electronic Chip Testing
- FTIR Spectrometers
- Gas Chromatographs
- Graphic Printers
- Laboratory Analyzers
- NMR Spectroscopy
- Outdoor HVAC Controls
- Outdoor Air Lines
- Ozone Generators
- Pneumatic Automation
- Robotic Machinery
- Vortex Tubes
- Vent Air Storage Tanks

All Models:	Maximum temperature:	120°F ambient
	Maximum pressure:	150 PSI
	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

## HOW TO ORDER



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



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