

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 |

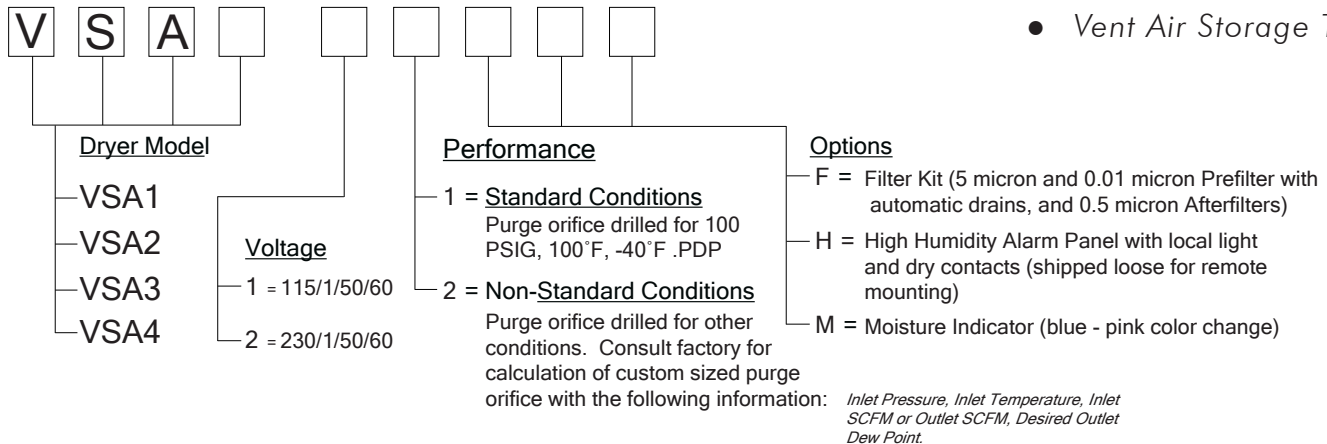
* Indicates flow capacities with orifice change - when ordering, see non-standard conditions below

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



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