



Xturion™ VaporX™

Custom Low Vapor Pressure Gas Source System



DESIGN STANDARDS

- ◆ Meets All Relevant Safety Standards
- ◆ UL Labeled
- ◆ Conforms to Uniform Building and Fire Codes
- ◆ Upholds Random Validation Testing Standards
- ◆ Helium Leak Tested to 1×10^{-9} atm-cm³/sec
- ◆ Equipped with GigaGuard™ PLC Controller

FEATURES

- ◆ Designed for the Safe Delivery of Low Vapor Pressure Liquefied Process Gases
- ◆ Ultra High Purity Construction Suitable for Hazardous and Non-Hazardous Gas Applications
- ◆ Performs Cylinder Switchover Automatically
- ◆ Available in Two (C2) and Three (C3) Cylinder Models
- ◆ Includes Ergonomically Positioned 8" Color Touch Screen
- ◆ Intuitive Operating Interface
- ◆ Continuously Monitors System Conditions for Alarms
- ◆ Multiple Communications Protocol Available
- ◆ Magnehelic and Pressure Switch Exhaust Detection
- ◆ Includes Fully Automatic Gas Cylinder Heating Package
 - External Heater Controller
 - Cylinder Heating Blanket(s)
 - Process Gas Line Heat Tracing and Insulation
- ◆ Optional Point-of-Use Mass Flow Controller Box
 - Integrated PLC Control
 - Heated Low Vapor Pressure Mass Flow Controllers
- ◆ Pneumatically Actuated Valves
- ◆ Optional UV/IR Flame Detectors

SEMI-GAS® supplies SEMI S2 certified, production-ready ultra high purity gas source systems, distribution systems and control technology to leaders in the Semiconductor industry and related high-tech fields. Built to address the most rigorous precision and purity demands of these specialized applications, SEMI-GAS® solutions are globally renowned for their premier levels of safety, quality, and performance.



ORDERING INFORMATION

Contact your SEMI-GAS® sales rep or visit www.semi-gas.com

BY APPLIED ENERGY SYSTEMS

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ENGINEERING DATA

- ◆ Dimensions: Varies By Model
Includes Heater Controller Enclosure
 - C2 (1 X 1): 86" T X 39" W X 23" D
 - C2: 86" T X 33" W X 23" D
 - C3: 86" T X 48" W X 23" D
- ◆ Exhaust Ducts: 6" Diameter
- ◆ Window Open Duct Flow: 350 SCFM
- ◆ Voltage: 120 to 240 VAC, 1 Phase
- ◆ Frequency: 50 To 60 Hz
- ◆ CE Certified

MATERIALS OF CONSTRUCTION

- ◆ Welded 11 Ga Steel Enclosure
- ◆ Self-Closing and Self-Latching Cabinet Door(s)
- ◆ Self-Closing and Lockable Window(s)
- ◆ 13 Ga Adjustable Steel Cylinder Shelves
- ◆ Heavy Cast Aluminum Cylinder Brackets
- ◆ UL Approved Fire Sprinkler
- ◆ 1/4" Thick Safety Glass Windows
- ◆ 9" Stainless Steel Cylinder Scale(s)

