vRun
CONTROLLERS

VERSA-GAS™ vRun™ Gas System Controllers address diverse high purity gas delivery requirements across a variety of environments, with safety top of mind. Every vRun™ model is designed to ensure reliable, safe delivery of hazardous process and purge gases, and comes in a variety of configurations to fit distinct process demands.

INDUSTRIES

- Universities & Research Laboratories
- Industrial/ Manufacturing
- PV & Solar
- Pharma & Biotech

DESIGN STANDARDS

- Designed in Accordance with SEMI S2
- Conforms to Uniform Building and Fire Codes
- Programmable Inputs Customizable by Application
- CMOS Microprocessor Based Systems

FEATURES

- Provides Uninterrupted Gas Delivery
- Automatically Alarms and/or Shutdowns During Unsafe Operating Conditions
- Isolates Cylinder In the Event of a Sensor Excursion
- Emergency Manual Shutdown Button
- Long History of Error-Free Performance
- Remote Monitoring Capabilities
- CMOS Microprocessor Based
- Visual Status Indicator Lights

VERSA GAS™

VERSA-GAS™ supplies safe, reliable high purity gas delivery and distribution systems, equipment, and control technology for a diverse range of industry needs and applications. These solutions are built to cost-effectively address diverse requirements with safety top of mind.

ESS
vRun™ Controllers

Standard Features:

- Safely Provides Uninterrupted Gas Delivery
- Interrupts Gas Flow During Undesirable System Conditions
- Monitors Up to 11 Optically Isolated Inputs for Sensing Flow, Pressure, Exhaust, and Fire
- LED Lights Provide Constant System Status
- CMOS Microprocessor Based System
- Internal Buzzer Sounds During Alarm Conditions
- Purge Key Disables Selected Sensors During System Purging
- Programmable Inputs are Customizable
- Abort Button for Manual Shutdown

Dimensions:

- 5" H x 8" W x 6" D
- 127 mm H x 204 mm W x 153 mm D

Weight: 3.5 lbs.

Power:

- 10 - 125 Volts or 200 - 250 VAC Selectable
- 25 Watts Max
- Internal 2 Amp AGC fuse

Pneumatics: 80 - 100 psi

Designed For Use With:

- vSource™ Semi Automatic Gas Systems
- vSupply™ Semi Automatic Gas Systems

Dual ESS
vRun™ Controllers

Standard Features:

- Safely Provides Uninterrupted Gas Delivery
- Monitors 2 Gas Supplies and Initiates an Automatic Changeover When 1 Supply is Depleted
- Interrupts Gas Flow During Undesirable System Conditions
- Monitors Up to 11 Optically Isolated Inputs for Sensing Flow, Pressure, Exhaust, and Fire
- Monitors the Supply Status of 2 Cylinders or Banks
- LED Lights Provide Constant System Status
- CMOS Microprocessor Based System
- Internal Buzzer Sounds During Alarm Conditions
- Purge Key Disables Selected Sensors During System Purging
- Programmable Inputs are Customizable
- Abort Button for Manual Shutdown

Dimensions:

- 5" H x 8" W x 6" D
- 127 mm H x 204 mm W x 153 mm D

Weight: 3.5 lbs.

Power:

- 10 - 125 Volts or 200 - 250 VAC Selectable
- 25 Watts Max
- Internal 2 Amp AGC fuse

Pneumatics: 80 - 100 psi

Designed For Use With:

- vSource™ Semi Automatic Switchover Gas Systems

Note: All vRun™ Controllers can be customized to meet unique specifications. Contact your VERSA-GAS™ sales rep for details.

vRun
CONTROLLERS

HPM II
vRun™ Controllers

Standard Features:

- Safely Provides Uninterrupted Gas Delivery
- Monitors Up to 12 Digital Optically Isolated Inputs
- Monitors Up to 6/8 Analog Inputs
- Automatic Purge Up & Purge Down Sequences
- LED Lights Provide Status of Solenoids and Sensors
- VFD Screen Communicates Operator Prompts, Programming Information and Transducer Outputs
- CMOS Microprocessor Based System
- Internal Buzzer Sounds During Alarm Conditions
- Programmable Inputs are Customizable
- Front Panel Manual Mode for Valve Actuation
- Emergency Stop Button for Manual Shutdown

Dimensions:

- 13" H x 12" W x 5.5" D
- 330 mm H x 305 mm W x 140 mm D

Weight: 15 lbs.

Power:

- 110-125 or 220-250 VAC Selectable
- 25 Watts Max
- Internal 2 Amp AGC fuse

Pneumatics: 80 - 100 psi

Designed For Use With:

- vSource™ Automatic Gas Systems

HPM III
vRun™ Controllers

Standard Features:

- Safely Provides Uninterrupted Gas Delivery
- Monitors 2 Gas Supplies and Initiates an Automatic Changeover When 1 Supply is Depleted
- Monitors Up to 12 Digital Optically Isolated Inputs
- Monitors Up to 6/8 Analog Inputs
- Automatic Purge Up & Purge Down Sequences
- LED Lights Provide Status of Solenoids and Sensors
- VFD Screen Communicates Operator Prompts, Programming Information and Transducer Outputs
- CMOS Microprocessor Based System
- Internal Buzzer Sounds During Alarm Conditions
- Programmable Inputs are Customizable
- Front Panel Manual Mode for Valve Actuation
- Emergency Stop Button for Manual Shutdown

Dimensions:

- 13" H x 12" W x 5.5" D
- 330 mm H x 305 mm W x 140 mm D

Weight: 15 lbs.

Power:

- 110-125 or 220-250 VAC Selectable
- 25 Watts Max
- Internal 2 Amp AGC fuse

Pneumatics: 80 - 100 psi

Designed For Use With:

- vSource™ Automatic Gas Systems

Note: All vRun™ Controllers can be customized to meet unique specifications. Contact your VERSA-GAS™ sales rep for details.

OPTIONS

- LED Status Light Tower
- Remote Monitoring Capabilities
- Class I Division II Compliance (Controller Z-Purge Kit)
- Ethernet Communications
- UL Certification
- Private Labeling

Brought to You By Applied Energy Systems

Singularly focused on excellence in gas delivery, customers turn to Applied Energy Systems (AES) for high-value systems engineering — including design, manufacturing, testing, and field services. Our excellence permeates our products, services, solutions and every industry we touch, to power process innovation for hundreds of organizations worldwide.

Whatever your gas delivery need may be, you can depend on the AES team to provide you with the high and ultra high purity solutions that exceed the latest standards for quality, precision, and safety in your field — and that are proven in practice to drive repeatable success.

APPLIED ENERGY SYSTEMS

ORDERING INFORMATION

Contact your VERSA-GAS™ sales rep or visit
www.appliedenergysystems.com/versa-gas

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