

REVOLUTIONIZING PORTABLE POWER CONTROL: INTRODUCING OUR CUTTING-EDGE SYSTEMS



In the ever-evolving landscape of portable operations, precision, efficiency, and adaptability are paramount. At Sullivan-Palatek, we understand the challenges faced by operators in maintaining optimal pressure levels while ensuring seamless productivity. That's why we're proud to introduce our groundbreaking line of pressure control systems designed to revolutionize your workflow: Variable Pressure, Dual Pressure, and Dual Pressure/Dual Capacity.

Variable Pressure

Variable pressure systems represent a significant advancement in portable pressure control technology. By harnessing the power of microprocessors and years of development, these systems empower operators with unprecedented control over pressure levels. The utilization of microprocessor technology enables real-time monitoring and adjustment of pressure settings, allowing operators to make precise changes on the fly without the need for manual intervention.

One of the key advantages of variable pressure systems is their ability to eliminate guesswork. Operators no longer need to rely on manual adjustments of regulators, which can be time-consuming and prone to human error. Instead, the SPEC controller, equipped with sophisticated algorithms, handles all pressure-related tasks, putting precise pressure control literally at the operator's fingertips.

This level of control is invaluable in industries where maintaining optimal pressure levels is critical for process efficiency, product quality, and safety. Variable pressure systems can ensure consistent and uniform pressure during operations, resulting in high-quality parts and reduced defects.

Dual Pressure

Dual pressure systems offer a versatile solution for applications requiring flexibility in pressure settings. With two regulators operating in parallel, factory-set at different pressure levels (e.g., 100 psi and 150 psi), operators have the convenience of switching between these preset pressures during operation. This flexibility allows for adjustments to match specific process requirements or conditions without interrupting production.

By maintaining constant engine speed regardless of the selected pressure, dual pressure systems ensure consistent capacity across different pressure settings. This feature is particularly beneficial in applications where maintaining a steady flow or output is crucial, such as pneumatic conveying systems in bulk material handling.

Dual Pressure/Dual Capacity

Dual pressure/dual capacity systems take versatility to the next level by offering both pressure and capacity adjustment options. With two regulators arranged in series, preset at different pressure levels, operators can not only switch between high and low pressure modes but also adjust the engine speed to optimize power usage based on the selected mode.

In high-pressure mode, the system automatically reduces engine speed to allocate more power for building pressure, ensuring efficient operation even under high-pressure conditions. Conversely, switching to low-pressure mode increases the volume of air available while adjusting engine speed accordingly to meet the demand for increased airflow.

This dynamic capability makes dual pressure/dual capacity systems ideal for applications where both pressure and volume requirements vary, such as pneumatic tools in construction environments. By providing operators with the flexibility to optimize both pressure and capacity settings, these systems enhance productivity, efficiency, and overall performance.

In summary, variable pressure, dual pressure, and dual pressure/dual capacity systems offer tailored solutions for precise pressure control and versatile operation in a wide range of applications. Whether it's achieving precise pressure levels, seamlessly switching between pressure settings, or optimizing both pressure and capacity, these systems empower operators with the tools they need to maximize efficiency and productivity while ensuring safety and quality.

**Inquire About our Variable Pressure, Dual Pressure,
and Dual Pressure/Dual Capacity Models*

