



# Laser Installation Kits



CONCOA laser installation kits provide technicians with the necessary components to enable rapid field startup of laser equipment. Simplifying the regulator, fitting, and hose installation process increases the timeliness and efficiency of laser startup and validation while minimizing cost. CONCOA's complete line of laser equipment also maximizes laser performance. The 67B Series high flow, high pressure nitrogen assist gas regulator ensures a quality finish by ejecting molten metal from the kurf zone with instantaneous response and minimal pressure drop. The CONCOA 601 Series regulator delivers industry-leading low permeation rates with  $1 \times 10^{-8}$  helium leak rates and an integral purge valve with minimal threaded connections. These dynamics are vital in  $\text{CO}_2$  based resonator applications, as permeation directly contributes to contamination, leading to higher maintenance costs and decreased productivity resulting from poor beam quality. Combined with robust materials of construction and decades of industry experience, CONCOA laser installation kits ensure optimal performance and reliability.



# 67B

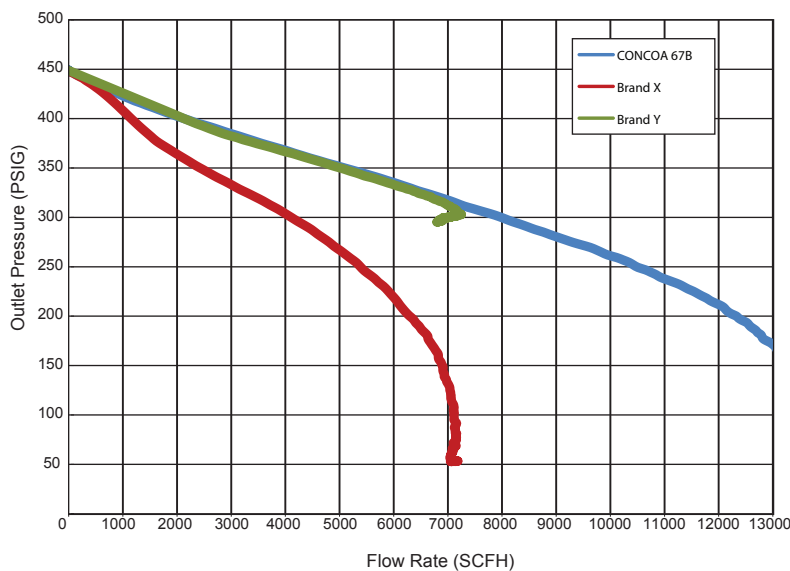
*Heavy duty ultra-high flow, high pressure delivery*

The CONCOA 67B Series high flow, high pressure regulator provides unmatched accuracy, response, and flow rate in laser assist gas delivery applications supplied by both liquid and high pressure sources. The 67B provides primary control of laser gases at delivery pressures up to 750 PSIG and flow rates up to 24,000 SCFH. CONCOA's ISOFLOW technology minimizes the equipment's static increment, shortening the response time and increasing the usable range of delivery pressure control. With robust materials of construction and a wide range of delivery options combined with customization and integration capabilities, the 67B is the ideal choice for laser gas applications from any mode of supply.



### Flow Comparison

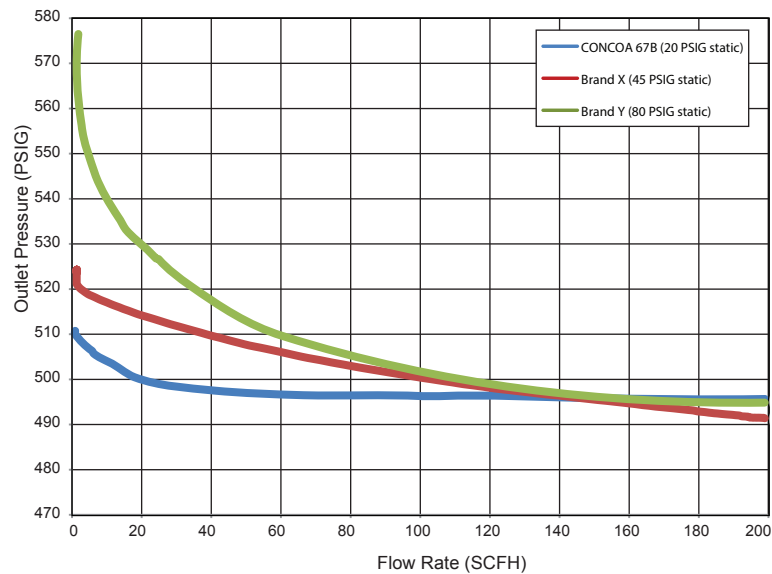
(450 PSIG nitrogen inlet pressure - 450 PSIG outlet pressure)



The 67B Series regulator provides significantly larger flow capacity than traditional 1/2" dome-loaded regulators.

### Static increment Comparison

(@ 600 PSIG nitrogen inlet pressure)



Compared to traditional 1/2" dome-loaded regulators, the 67B series regulator provides industry leading low static increment, increasing the precision and response time of pressure control.

1501 Harpers Road • Virginia Beach, Virginia 23454

1.800.225.0473 • www.CONCOA.com