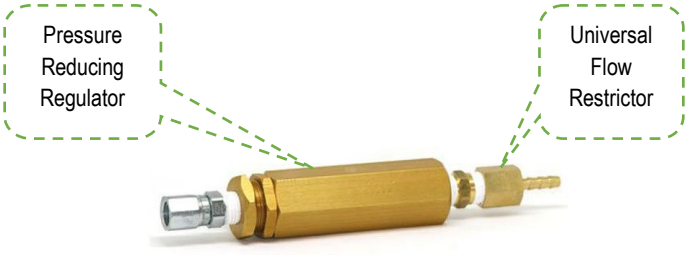
FLOW RESTRICTORS & PRESSURE REGULATORS

Several Nuvair Flow Restrictors and Pressure Regulators are available for sampling compressed gas flow. All are calibrated to produce a flow rate of 1–5 L/min with a regulator output of 100–160 psi. Universal Flow Restrictors are used for most applications and are typically equipped with a pressure reducing regulator. When analyzing scuba tank gas, special Flow Restrictors can be used to obtain gas samples directly from the Buoyancy Compensation Device (BCD) Low-Pressure Inflator (LPI) hose. A variety of BCD flow restrictors are available to fit different types of inflator hose quick-disconnect (QD) fittings. Other Flow Restrictors connect directly to any Nuvair Pro gas analyzer senor port by using a flow adapter cap.

HP Flow Regulator with Flow Restrict for Analyzers International (Yoke) Connection · SKU 9520-INT

HP Flow Regulator with Flow Restrict for Analyzers DIN Connection · SKU 9520-DIN



HP Flow Regulator with Flow Restrictor for Analyzers SKU 9519

Standard BVD LPI QD Flow Restrictor with Nuvair Pro Analyzer Flow Adapter Cap · SKU 9518-CAP-STD

Standard BCD LPI Flow Restrictor · SKU 9518-STD

Scubapro BCD LPI Hose Flow Restrictor SKU 9518-SCUBAPRO

Mares BCD LPI Hose Flow Restrictor SKU 9518-MARES

Inline 1/4 FNPT LPI Flow Restrictor SKU 9518

RELATED EQUIPMENT LINKS

SKU 9517 · InLine LPI Flow Restrictor – 1/4 MNPT

SKU 9518-CAP-SCUBAPRO · Scubapro BCD LPI QD Flow Restrictor with Nuvair Pro Analyzer Flow Adapter Cap

SKU 9518-CAP-MARES · Mares BCD LPI QD Flow Restrictor with Nuvair Pro Analyzer Flow Adapter Cap

SKU 9520-SCBA · Flow Restrictor for Analyzers – DIN

SKU 9517-CHUCK · Flow Restrictor for Analyzers – Tire Chuck

WARNING: Never expose gas sensors to pressure or you may cause damage and/or false readings. Damaged sensors will not provide accurate gas analysis. Most gas analyzers can be used to analyze a regulated gas sample flow, the contents of a gas cylinder, or the flow from a regulator. The flow rate of gas must equal 1—5 L/min. To produce this flow, a Flow Restrictor and Regulator may be required. A faulty Flow Restrictor can lead to a false analyzer reading. Flow Restrictors should be regularly tested with a Flow Meter. Inaccurate gas analysis can lead to serious personal injury or death.

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