

PROLINE

professional welding supplies



Harris Products Group
Since 1905

HARRIS Extra High Pressure Regulators



General Features: Stainless Steel Diaphragm* – No internal contamination.

Regulators of the highest Quality for demanding conditions.

Superior design for extended product life and exacting performance.

Can be configured for other gases with AS2473 cylinder connections or CGA inlet. Side Inlet.

P/No	Description	Gas & Inlet Connection	Outlet Pressure Range	Inlet pressure Rating	Cv	Max. Flow **	Outlet connection
3200327	Model 8700, Self Relieving Reg.	Nitrogen Type 51	0-30,000kpa (0-4,500psi)	380 bar	0.08	330m ³ /h	¼" SS Compression / ¼" NPT F body port
3200326	Model 8700, Self Relieving Reg.	Nitrogen Type 51 fitted, Incl Type 50 fitting	0-21,000kpa (0-3,000psi)	380 bar	0.08	330m ³ /h	¼" SS Compression / ¼" NPT F body port
987Z079	Model 987 Pressure Reg.	Nitrogen Type 51 fitted, Incl Type 50 fitting	0-17,000kpa (0-2,450psi)	300 bar	0.17	400m ³ /h	¼" Compression / ¼" NPT F body port
987Z078	Model 987 Pressure Reg.	Nitrogen Type 51 fitted, Incl Type 50 fitting	0-10,000kpa (0-1,450psi)	300 bar	0.17	500m ³ /h	¼" Compression / ¼" NPT F body port
3000869	Model HP750 Servo-Dome loaded/built in pilot Reg.	Nitrogen Type 51 fitted, Incl Type 50 fitting	0-7000kpa (0-1,000psi)	380 bar	0.55	1000m ³ /h	½" NPT F body port
H2540B-NIT	Model H25 High Flow Cylinder Reg.	Nitrogen Type 51 fitted, Incl Type 50 fitting	0-4000kpa	300 bar	0.56	720m ³ /h	½" NPT F body port
925Z009	Model 925 Nitrogen Regulator.	Nitrogen Type 51 fitted, Incl Type 50 fitting	0-4000kpa	300 bar	0.17	500m ³ /h	¼" NPT body port.
825Z080-F	Model 825 "Air Con" Reg.	Nitrogen Type 50.	0-4000kpa	230 bar	0.17	400m ³ /h	Flared Outlet, ¼" NPT body port.

* Model 8700 features Elastomeric diaphragm for longer service life.

** Max Flow will reduce due to inlet and outlet fitting restrictions and pressure drop in cylinder

*** Other gases can be used - refer to HARRIS. Note all regulators are cleaned for oxygen service.

Model 8700: Ultra High Pressure

The Model 8700 is a single-stage, high pressure regulator designed to operate on high pressure cylinders up to 300 bar (4,300 PSIG).

Typical applications include high pressure testing, charging accumulators and pressurizing struts. Models for inert gas and air are self-relieving for safety. Gauges: 2.5" psi/bar.

P/N 3200327
3200326



Model 987: Extra High Pressure

The Model 987 is a single-stage, high pressure regulator designed to operate on high pressure cylinders up to 7500 PSIG.

Typical applications include high pressure testing, charging accumulators and pressurizing struts. Stainless Steel Diaphragm – No internal contamination.

Gauges: Wika. 63mm kpa with rubber Hard Hats.

P/N 987Z079
987Z078





P/N 3000869

Model HP750: High Flow, Constant Pressure

The Model HP750 series regulator is a high pressure, high flow regulator system. The key to the performance of this regulator is the servo-dome load technology. The servo-dome load feature allows the regulator to supply high flow rates with straight line pressure regulation. Typical applications include high flow laser assist gases, pressure transfer, blanketing and high flow manifolds. Gauges: 2.5" psi/bar.

Model H25: Single Stage with Stainless Steel Diaphragm

Specially designed for high flow requirements. Purging and pressure testing. Ideal for motor racing crews, Jacks & Nitrogen driven tools with a high flow demand. High pressure capsule seat with Kel-F (CTFE) sealing surface, Stainless steel T screw, External safety relief valve.

Gauges: Wika. 63mm, kpa with rubber Hard Hats.



P/N H2540B-NIT



P/N 825Z080-F
925Z009

Model 825 & 925: Medium to Heavy Duty

This single-stage nitrogen purging regulator is designed for performance and economy, but with features typically available in more expensive regulators. Specifically designed for HVAC and other Nitrogen pressure testing and blanketing applications. Both the 230 bar model 825 and 300 bar model 925 feature a "T" bar for easier adjusting at high pressures.

Gauges: Wika. 63mm, kpa with rubber Hard Hats

Excluding the model 825, these regulators are all 300Bar rated Inlet Pressure and by utilising the Type 51 connection will provide greater capacity at the higher pressure. The inlet stems are simple to change over but should be done by a competent person. Using a **19mm Spanner or 6 Sided Socket**. The Thread is a standard right hand thread: anti-clockwise to undo. It will be tight. The Regulator will need to be secured to allow even torque to be applied. Fitting the alternative stem: **Tighten clockwise to 30N/m**
NO THREAD TAPE OR SEALANT Soft Nose is designed for Brass to Brass seal.
Leak Test with approved Leak Detector such as SNOOP (code: MS-SNOOP).

Type 51 Nitrogen 300Bar

STEM: D77AS51

NUT: 6659-AS51



Type 50 Nitrogen 200Bar

STEM: D77AS50

or
SS77 - AS50 (Snap Safe)

NUT: 6659-AS50