

891

MODEL



TWO-STAGE REGULATOR

MODEL SHOWN:
891DB-10-0X

APPLICATIONS:

- ▶ For demanding applications where constant outlet pressure over a wide range of inlet pressures is required. Ideal for quality cutting applications, laboratory systems or precision machine cutting.

FEATURES:

- ▶ Maximum inlet pressure of 230 bar
- ▶ Brass barstock body for minimalizing contamination or moisture absorption and easy purging
- ▶ First stage reduces full cylinder pressure by approximately 90%
- ▶ Enough flow to cut up to 300 mm steel
- ▶ Smooth adjustment with high precision
- ▶ One-piece encapsulated seat design with internal filter and PTFE (Teflon®*) seat
- ▶ 7 year warranty



MODEL NO.	GAS	MAX INLET PRESSURE (bar)	DELIVERY PRESSURE (bar)	MAX AIR FLOW (m³/h)	DELIVERY PRESSURE GAUGE (bar)	SUPPLY PRESSURE GAUGE (bar)
891B-1.5-AC	Acetylene	25	0 - 1,5	12	0 - 2,5	0 - 40
891B-4-LP	Propane	25	0 - 4	9	0 - 6	0 - 40
891DB-4-0X	Oxygen	230	0 - 4	30	0 - 6	0 - 315
891DB-4**	Argon, CO ₂ , Nitrogen, Air, Helium, Hydrogen, Methane	230	0 - 4	30	0 - 6	0 - 315
891DB-10-0X	Oxygen	230	0 - 10	42	0 - 16	0 - 315
891DB-10**	Argon, CO ₂ , Nitrogen, Air, Helium, Hydrogen, Methane	230	0 - 10	42	0 - 16	0 - 315

896

MODEL



TWO-STAGE REGULATOR FOR INCREASED DELIVERY PRESSURE CONTROL

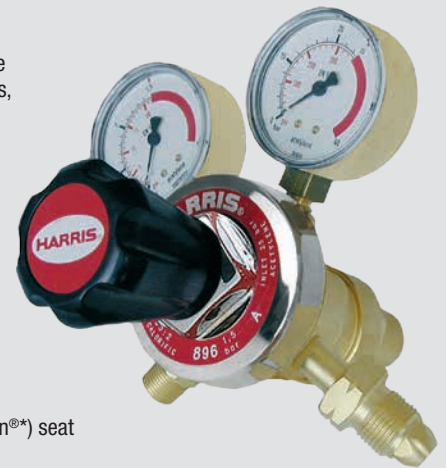
MODEL SHOWN:
896-1.5-AC

APPLICATIONS:

- ▶ For demanding applications where constant outlet pressure over a wide range of inlet pressures is required. Ideal for quality cutting applications, laboratory systems or precision machine cutting. Also ideal for heavy machine cutting, hand cutting and gouging.

FEATURES:

- ▶ Forged brass body for maximum strength
- ▶ Maximum inlet pressure of 230 bar
- ▶ First stage reduces full cylinder pressure by approximately 90%
- ▶ Large Ø 70 mm second stage diaphragm accurately controls delivery pressure
- ▶ Durable chrome-plated bonnet
- ▶ Side entry (vertical optional)
- ▶ "B" version fitted with black bonnet and black gauge case
- ▶ One-piece encapsulated seat design with internal filter and PTFE (Teflon®*) seat
- ▶ 7 year warranty



MODEL NO.	GAS	MAX INLET PRESSURE (bar)	DELIVERY PRESSURE (bar)	MAX AIR FLOW (m³/h)	DELIVERY PRESSURE GAUGE (bar)	SUPPLY PRESSURE GAUGE (bar)
896-1.5-AC	Acetylene	25	0 - 1,5	25	0 - 2,5	0 - 40
896-4-LP	Propane	25	0 - 4	19	0 - 6	0 - 40
896D-4-0X	Oxygen	230	0 - 4	95	0 - 6	0 - 315
896D-4**	Argon, CO ₂ , Nitrogen, Air, Helium, Hydrogen, Methane	230	0 - 4	95	0 - 6	0 - 315
896D-10-0X	Oxygen	230	0 - 10	100	0 - 16	0 - 315
896D-10**	Argon, CO ₂ , Nitrogen, Air, Helium, Hydrogen, Methane	230	0 - 10	100	0 - 16	0 - 315
896D-15-0X	Oxygen	230	0 - 15	120	0 - 25	0 - 315
896D-15**	Argon, CO ₂ , Nitrogen, Air, Helium, Hydrogen, Methane	230	0 - 15	120	0 - 25	0 - 315

* Teflon® is a registered trademark of The Chemours Company

**The regulator is available for all the listed gases. When ordering always specify gas.