

ARGON/CO<sub>2</sub> REGULATOR WITH FLOW METER  
AND INTEGRATED GAS SAVER FUNCTION  
**ECO SAVER**



EDITION 1/2013

**The ECO SAVER device reduces gas consumption, especially during non-continuous welding processes.**

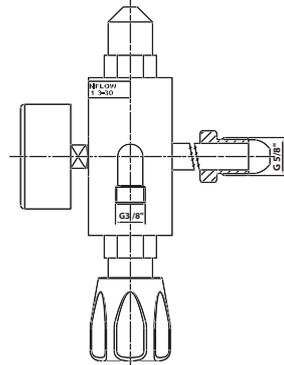
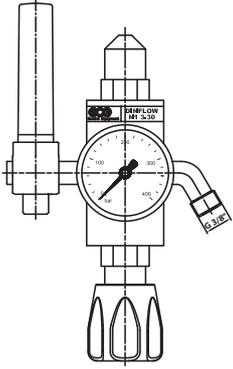
**FEATURES**

- Cylinder regulator with up to 300 bar inlet pressure and integrated flow meter.
- Adjustable in the range 0-30 litres per minute.
- Two stage pressure reduction from 300 bar.
- Saves gas during inlet pressure changes (as the cylinder empties).
- Saves gas during flow changes (non-continuous welding processes).
- Provides consistent and stable gas conditions around the weld
- Available with connections for most markets in Europe

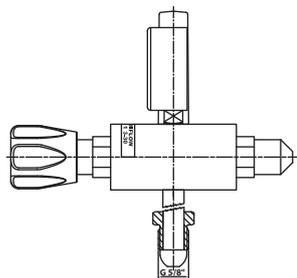
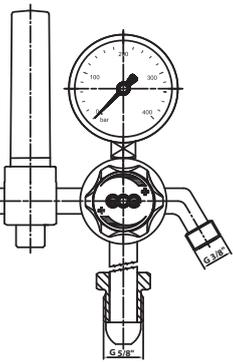


# ECO SAVER

## SIDE ENTRY 9615620



## BOTTOM ENTRY 9615630



The ECO SAVER keeps a constant level of gas pressure in the downstream system during the welding process. This prevents pressure and flow surges from being created in the system. Surges can create gas wastage and give rise to a poor weld. Weld quality and gas consumption are optimised when the ECO Saver is used as part of the control system.

### GAS SAVINGS

Shielding Gas is a significant consumable cost in the welding process, and savings with ecosaver can also be very significant. The type of welding determines the savings, highest benefits during spot welding, (significant on/off cycling at the gas supply). However valuable reduction in costs can still be achieved even on longer seam runs. Typical expected savings.

#### Type of Weld

Type of Weld	Gas saving
Spot welding:	40-45%
Mostly spot welding plus some seam welding:	30-35%
Equal spot/seam:	25-30%
Mostly seam welding:	18-22%

### TECHNICAL DATA

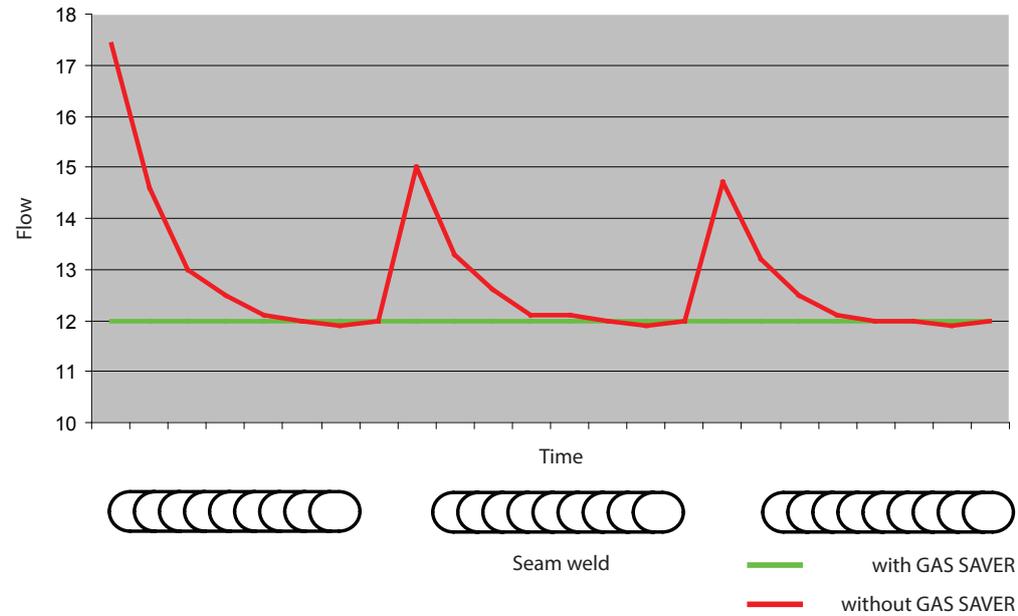
#### ECOSAVER for UK

Inlet pressure:	300 bar
Flow rate :	3-30l/min

#### ECOSAVER for OTHER COUNTRIES

Inlet pressure:	200 bar
Flow rate :	3-30l/min

### COMPARISON OF REGULATOR WITH AND WITHOUT GAS SAVER



Art. Nr.	Gas	Inlet conn.	Outlet conn.	Config	Country
<b>9615600</b>	Ar/CO <sub>2</sub>	W21,8x1/14"	G1/4"		GERMANY, CZECH REPUBLIC, SPAIN, ROMANIA, PORTUGAL, HUNGARY, POLAND
<b>9615610</b>	Ar/CO <sub>2</sub>	G3/4"	G1/4"		RUSSIA
<b>9615620</b>	Ar/CO <sub>2</sub>	BS3	G3/8"	SE	UK
<b>9615630</b>	Ar/CO <sub>2</sub>	BS3	G3/8"	BE	UK
<b>9615640</b>	Ar/CO <sub>2</sub>	W24,32x1/14"	G3/8"		SWEDEN, DENMARK, NORWAY, FINLAND
<b>9615650</b>	Ar	Ø24,5Wx1/14 EXT	G3/8"		IT
<b>9615660</b>	Ar/CO <sub>2</sub>	SI21,7x1,814	M12x1		FRANCE
<b>9615670</b>	Ar	G1/2"	G1/4"		HUNGARY
<b>0772156</b>	Ar/CO <sub>2</sub>	G5/8"	M16*1.5		CHINA
<b>0772027</b>	Ar/CO <sub>2</sub>	CGA580 (0.965*14NGO)	9/16" UNF		AMERICAS

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Gas Control Equipment

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