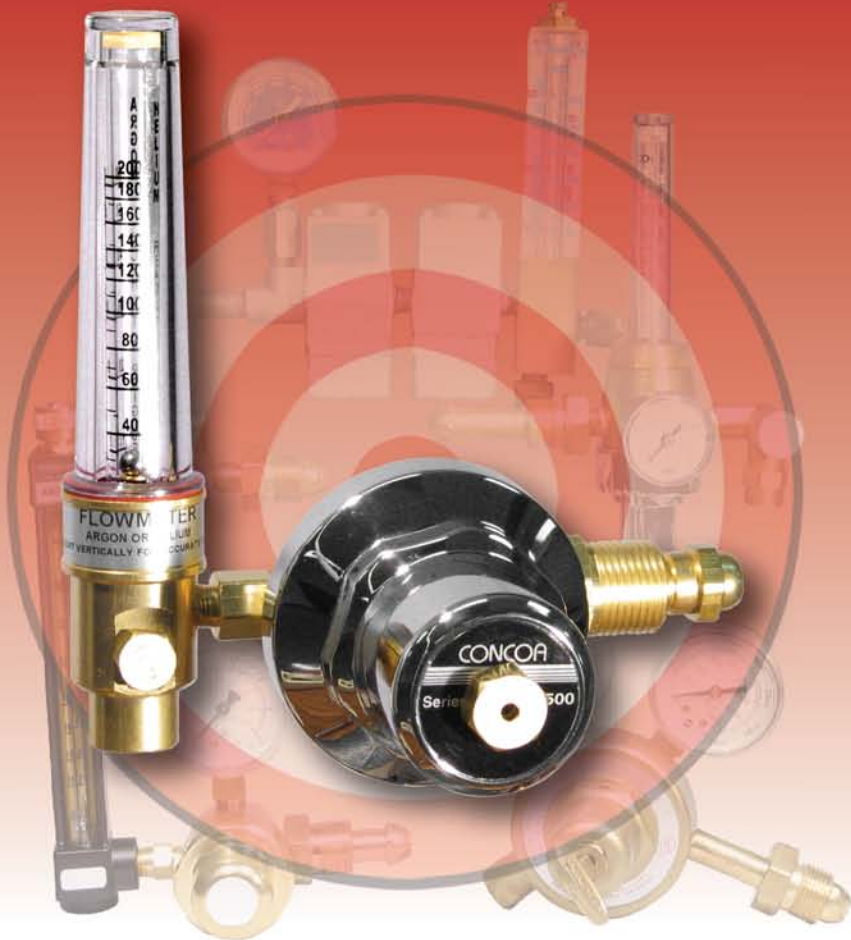


Lower Gas Costs **20%** and Increase Profits!



CONCOA'S GAS SAVER

technology hits the mark when asked to lower shielding gas costs. Unfortunately, traditional flowmeter and flow gauge regulators deliver significant shielding gas waste due to excessive peak gas surge and surge duration. The chart on the reverse side (Figure 1) illustrates the flow characteristics of common flow control equipment used in Mig and Tig welding applications.

The cause of the shielding gas surge in traditional flow control equipment is the excessive fixed pressure from the regulator to the variable flowmeter. This fixed pressure can vary as much as 20-80 psi. To set the flow, the operator adjusts the flowmeter control valve. When idle, the hose from the flowmeter to the welding machine builds up to the static pressure of the preset regulator. As the weld begins, the gas from the hose "reservoir" surges to the weld zone. This contributes to erratic arc starts and porosity caused by siphoned atmosphere.

806-6574 Shown

Not all flow controls guard against gas surge as expected. The regulator illustrated by the red curve in Figure 1 on the reverse side requires pressure greater than 10 psi to obtain 20 cfm flow. This is due to the calibration range of the flow gauge scale. Bottom line, these common flow control regulators yield 2-6 times the surge as compared to CONCOA'S GAS SAVER technology.

CONCOA'S GAS SAVER technology couples a non-compensated flowmeter to an adjustable regulator. The operator adjusts the regulator pressure while observing the flow on the scale in the flowmeter. The flowmeter accurately displays the gas flow rate even when the regulator is adjusted to as low as 3 or 4 psi. This in turn minimizes the static pressure buildup in the hose. The gray Gas Saver curve in Figure 1 illustrates the reduction in gas surge making CONCOA the right choice to improve profits.

Be sure to fill in the spreadsheet on the back and visit our website at www.CONCOA.com in order to plug your information into the Gas Saver Wizard.

CONCOA'S GAS SAVER TECHNOLOGY DELIVERS.



High Pressure Cylinder



Shown 806-5570

5500 Series

- Gas Saver Technology
Reduce Peak Surge
Reduce Surge Duration
- Encapsulated Seat
Five year Warranty
- Gas Saver Flowmeter
Argon 10-60 cfh
Helium 30-200 cfh

High Pressure or Liquid Cylinder



Shown 806-6570

6500 Series

- Gas Saver Technology
Reduce Peak Surge
Reduce Surge Duration
- Encapsulated Seat
Five year Warranty
- Gas Saver Flowmeter
Argon 10-60 cfh
Helium 30-200 cfh
- Field Adjustable Flow Limit
Flexible Process Control
- Tamper Proof Model
Secure Process Control

Pipe Line



Shown 806-6574

6500 Series

- Gas Saver Technology
Reduce Peak Surge
Reduce Surge Duration
- Encapsulated Seat
Five year Warranty
- Gas Saver Flowmeter
Argon 10-60 cfh
Helium 30-200 cfh
- Field Adjustable Flow Limit
Flexible Process Control
- Tamper Proof Model
Secure Process Control

| Part Number | CGA | Scale | Part Number | CGA | Scale | Part Number | CGA | Scale |
|-------------|-----|-------|-------------|------|-------|-------------|-----|-------|
| 806-5560 | 680 | Ar/He | 806-6538 | 580* | Ar/He | 806-6590 | 034 | Ar/He |
| 806-5570 | 580 | Ar/He | 806-6540 | 680 | Ar/He | 806-6574** | 034 | Ar/He |
| | | | 806-6541** | 680 | Ar/He | | | |
| | | | 806-6570 | 580 | Ar/He | | | |
| | | | 806-6572** | 580* | Ar/He | | | |
| | | | 806-6573** | 580 | Ar/He | | | |

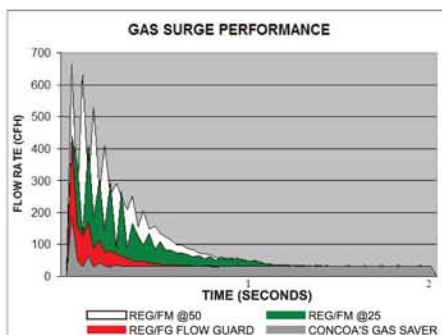
* Liquid Cylinder Service
** Tamper Proof Model

** Tamper Proof Model

CONCOA'S GAS SAVER COST ANALYSIS

FIGURE 1

Illustration shows peak gas surge and surge duration performance for various regulator technologies.



- Number of arc starts per part: _____
- Preset gas flow rate (cfh): _____
- Number of parts per shift: _____
- Number of shifts per day: _____
- Number of days per month: _____
- Gas cost in \$/100ft³: _____
- Cost per regulator in \$: _____

Fill in the above information and go to CONCOA.COM to plug information into the Gas Saver Wizard under the Industrial Products section. Then click on 'Calculate' to view savings and payback.