

### Afrox Saffire® Multi-Stage Medium-Heavy Duty Regulators

Afrox Series 8500 multi-stage regulators are the product of choice for the professional, designed for optimum performance in welding, cutting and heating applications and for circumstances where exceptional safety is required. With its best-in-class flows and control, unique safety features and rugged heavy duty design, the Series 8500 is well suited for use in tough industrial and corrosive environments.

The series comprises a full range of products designed specifically for use in applications using oxygen, acetylene, nitrogen, air and inert gases.

Multi-stage high-outlet-pressure regulators are suited to heavy duty welding, cutting, gouging, superheating and light lancing applications.

#### Features

- It delivers constant outlet pressure control without the need of adjustment i.e. 'Set-and-Forget'
- Dual, third generation Quadflo encapsulated valves with sintered metal cup filters ensuring improved filtration and higher flow capacity
- It allows for much finer control of the outlet pressure
- It provides longer, trouble-free service
- The regulator operates under lower stresses because the cylinder pressure is first reduced to an intermediate stage and then to the second stage
- All regulators conform to the SANS 2503 standard and are 100% tested at full service pressure for superior operator safety and control
- Working pressure gauges are marked 'cut', 'weld' and 'heat' for easy setting
- Manufacturing date stamped on the regulator
- 'Rain protect' bonnet design protecting internal components from rain and moisture.



Afrox Saffire® Multi-Stage Medium-Heavy Duty Regulators							
Model	Description	Gas Used	Delivery Pressure	Inlet Connection	Outlet Connection	Max Inlet Pressure	Item Number
S8500 AGM 150 kPa	Multi-stage general purpose pressure regulator with gauges for welding, cutting and heating	Acetylene	0 - 150 kPa	5/8" LH	3/8" LH	2 750 kPa	W003851
S8500 OGM 400 kPa	Multi-stage medium duty regulator with gauges for welding and cutting	Oxygen	0 - 400 kPa	5/8" RH	3/8" RH	30 000 kPa	W003852
S8500 AVM 150 kPa	Multi-stage general purpose regulator for welding and cutting without gauges. Outlet pressure indicated by a visual indicator on the pressure regulating adjusting knob	Acetylene	0 - 150 kPa	5/8" LH	3/8" LH	2 750 kPa	W003853
S8500 OGM 1 000 kPa	Multi-stage pressure regulator with gauges for heavy duty cutting, gouging, superheating and light lancing applications	Oxygen	0 - 1 000 kPa	5/8" RH	3/8" RH	30 000 kPa	W003854
S8500 OVM 1 000 kPa	Multi-stage heavy duty pressure regulator without gauges. Outlet pressure indicated by a visual indicator on the pressure regulating adjusting knob	Oxygen	0 - 1 000 kPa	5/8" RH	3/8" RH	30 000 kPa	W003855
S8500 NGM 1 000 kPa	Multi-stage high outlet pressure nitrogen regulator, with calibrated cylinder contents and outlet pressure gauges	Nitrogen/ Argon	0 - 1 000 kPa	3/4" RH	3/8" RH	30 000kPa	W003856
S8500 HGM 1 000 kPa	Multi-stage high outlet pressure hydrogen regulator, with calibrated cylinder contents and outlet pressure gauges	Hydrogen	0 - 1 000 kPa	5/8" LH	3/8" LH	30 000 kPa	W003857

Please Note: For ultimate safety, always use Afrox SANS approved flashback arrestors.



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