

# EDGE™ Series 4

## High Capacity, Multistage Regulators



**EDGE** Multi-stage regulators offer compact, two-stage performance in a single stage footprint. Two-stage regulators are recommended for applications that require a constant delivery pressure over a range of decreasing inlet pressures.

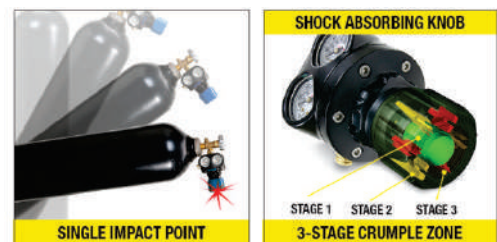
The first stage reduces the input pressure to a pre-set intermediate pressure which becomes the input pressure to the second stage. Because the intermediate pressure is regulated, the delivery pressure of the regulator remains virtually constant. As a result, cylinders can be used to much lower pressures for increased gas savings – up to 10% of full cylinder content savings, depending on regulator service.

- Highly durable colour-coded gauges are recessed and bonnet material is over twice the yield strength of brass.
- Robust seat gives optimum performance
- Consistent pressure and flow delivery
- High resistance to oxygen related fires
- Meets ISO 2503

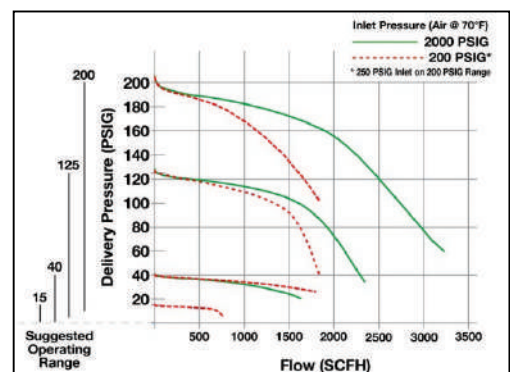
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### Industry

- Shipbuilding
- Automotive
- Rail
- Fabrication
- Offshore
- Construction
- Maintenance/Repair



*SLAM knob absorbs impact in the event of a cylinder fall*



*EDGE Series 4 Flow Data*

## Technical Data

Model	Gas Service	Gas Pressure	Inlet & Outlet	Inlet Position
EDGE 4 M/S OXY S/E 0-4 Bar	Oxygen	4 bar	5/8" BSP inlet 3/8" BSP outlet RH	Side
EDGE 4 M/S OXY 0-4 Bar	Oxygen	4 bar	5/8" BSP inlet 3/8" BSP outlet RH	Bottom
EDGE 4 M/S OXY S/E 10 Bar	Oxygen	10 bar	5/8" BSP inlet 3/8" BSP outlet RH	Side
EDGE 4 M/S OXY 10 Bar	Oxygen	10 bar	5/8" BSP inlet 3/8" BSP outlet RH	Bottom
EDGE 4 M/S OXY NEVOC 10B	Oxygen	10 bar	NEVOC inlet 3/8" BSP outlet RH	Side
EDGE 4 M/S ACET S/E 1.5 Bar	Acetylene	1.5 bar	5/8" BSP inlet 3/8" BSP outlet LH	Side
EDGE 4 M/S ACET 1.5 Bar	Acetylene	1.5 bar	5/8" BSP inlet 3/8" BSP outlet LH	Bottom
EDGE 4 M/S INERT S/E 10 Bar	Inert	10 bar	5/8" BSP inlet 3/8" BSP outlet RH	Side
EDGE 4 M/S INERT 4 Bar	Inert	4 bar	5/8" BSP inlet 3/8" BSP outlet RH	Bottom
EDGE 4 M/S INERT 10 Bar	Inert	10 bar	5/8" BSP inlet 3/8" BSP outlet RH	Bottom
EDGE 4 M/S HYD 10 Bar	Hydrogen	10 bar	5/8" BSP inlet 3/8" BSP outlet LH	Bottom
EDGE 4 M/S HEL 10 Bar	Helium	10 bar	5/8" BSP inlet 3/8" BSP outlet RH	Bottom
EDGE 4 M/S CO2 10 Bar	CO <sub>2</sub>	10 bar	BS 341 No.8 inlet 3/8" BSP outlet RH	Bottom
EDGE 4 M/S AR/CO2 40LPM	Argon/CO <sub>2</sub>	0-40 l/min	5/8" BSP inlet 3/8" BSP outlet RH	Bottom
EDGE 4 M/S AR/CO2 NEVOC 40LPM	Argon/CO <sub>2</sub>	0-40 l/min	NEVOC inlet 3/8" BSP outlet RH	Side

## Ordering Information

Model	Description	Part Number
EDGE 4 M/S OXY S/E 0-4 Bar	4 Bar Oxygen Multistage Regulator, Side Entry	0700017180
EDGE 4 M/S OXY 0-4 Bar	4 Bar Oxygen Multistage Regulator, Bottom Entry	0700017181
EDGE 4 M/S OXY S/E 10 Bar	10 Bar Oxygen Multistage Regulator, Side Entry	0700017182
EDGE 4 M/S OXY 10 Bar	10 Bar Oxygen Multistage Regulator, Bottom Entry	0700017183
EDGE 4 M/S OXY NEVOC 10 Bar	10 Bar Oxygen Multistage Regulator, Side Entry, NEVOC	0700018100
EDGE 4 M/S ACET S/E 1.5 Bar	1.5 Bar Acetylene Multistage Regulator, Side Entry	0700017184
EDGE 4 M/S ACET 1.5 Bar	1.5 Bar Acetylene Multistage Regulator, Bottom Entry	0700017185
EDGE 4 M/S INERT S/E 10 Bar	10 Bar Inert Multistage Regulator, Side Entry	0700017186
EDGE 4 M/S INERT 4 Bar	4 Bar Inert Multistage Regulator, Bottom Entry	0700017187
EDGE 4 M/S INERT 10 Bar	10 Bar Inert Multistage Regulator, Bottom Entry	0700017188
EDGE 4 M/S HYD 10 Bar	10 Bar Hydrogen Multistage Regulator, Bottom Entry	0700017189
EDGE 4 M/S HEL 10 Bar	10 Bar Helium Multistage Regulator, Bottom Entry	0700017190
EDGE 4 M/S CO2 10 Bar	10 Bar CO <sub>2</sub> Multistage Regulator, Bottom Entry	0700017191
EDGE 4 M/S AR/CO2 40LPM	40 lpm Argon/CO <sub>2</sub> Multistage Regulator, Bottom Entry	0700017192
EDGE 4 M/S AR/CO2 NEVOC 40LPM	40 lpm Argon/CO <sub>2</sub> Multistage Regulator, Side Entry, NEVOC	0700018105

XA00177220 / 2016-07-06 / ESAB reserves the right to alter specifications without prior notice



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COMPANY WITH  
MANAGEMENT SYSTEM  
CERTIFIED BY DNV  
= ISO 9001 =  
= ISO 14001 =  
= OHSAS 18001 =