

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

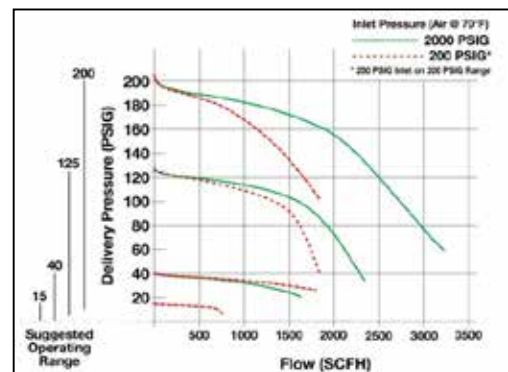
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Industry

- § Shipbuilding
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- § Fabrication
- § Offshore
- § Construction
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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 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 ₂ | 10 bar | BS 341 No.8 inlet 3/8" BSP outlet RH | Bottom |
| EDGE 4 M/S AR/CO2 40LPM | Argon/CO2 | 0-40 l/min | 5/8" BSP inlet 3/8" BSP outlet RH | Bottom |

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 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 ₂ Multistage Regulator, Bottom Entry | 0700017191 |
| EDGE 4 M/S AR/CO2 40LPM | 40 lpm Argon/CO ₂ Multistage Regulator, Bottom Entry | 0700017192 |



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ENG-WELD
Premium Welding Products

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