

QS PLUG-IN REGULATOR

- ❶ Well-proven pneumatics and robust design
→ **Very reliable operation**
- ❷ Plug-in system
→ **Short down time and easy maintenance**
- ❸ Audible alarm placed on chest
→ **Easy to locate and hear**
- ❹ Built-in safety valve
→ **Maintained air supply in the event that the pressure regulator malfunctions**
- ❺ Flow rates in excess of 1350 litres/minute
→ **Allows extreme breathing rates and connection of a second mask**



QS PLUG-IN REGULATOR

REFERS TO PRODUCT(-S) WITH PART NO.(-S)
96090-series

QS PLUG-IN REGULATOR UNIT has a well-proven and robust design. The unit comprises of a cylinder valve connector, a pressure regulator, a mechanical audible alarm and a pressure gauge.

The flexibility of the QS-system place very high demands on the regulator. Using a rescue hose, attaching a Revitox rescue mask – combined with the large breathing volumes a fire fighter demands on assignment – requires a regulator with extreme flow rates. The unit is characterized by its high capacity and reliable mechanical design, thus ensuring that the positive pressure in the face mask is maintained even under conditions with low cylinder pressure and extreme breathing rates.

The pressure regulator and audible warning are designed as modular units to simplify maintenance and reduce down time.

Breathing apparatus from Interspiro is an investment with a long service life, when properly maintained. To simplify service and to obtain maximum product performance we recommend using our service kits, containing original spare parts necessary for preventive maintenance.

Interspiro offers training courses for users who perform day-to-day service work, as well as training for service personnel performing full maintenance programmes.

For more information about the QS product range and our other breathing protection products please visit us on the Internet.

STANDARDS

- NFPA 1981 (Complete Apparatus)
- EN 137 (Complete Apparatus)

MATERIALS

High Pressure Hoses	Tefsel over stainless steel
Medium Pressure Hoses	EPDM
High pressure parts	Nickle and Chromium Plated Brass

DIMENSIONS AND WEIGHT

Dimensions (h x w x d)	1040 x 70 x 65 mm
Weight	1.14 – 1.39 kg
Breathing hose length	1350 or 820+550 mm

PERFORMANCE

Flow rate (in excess of)	1 350 l/min.
Dynamic pressure	7.5 bar (130 l/min.)
Static pressure	7.5–10.5 bar
Safety valve opening pressure	12–18 bar
Audible warning activation	55 bar \pm 5 bar
Audible warning sound level	>90dB

Meets performance requirements of **EN 137 & NFPA 1981**

CONNECTION

- Breathing valve **M16 x 1**
- Cylinder valve **EN 144** (Europe)
- Cylinder valve **CGA** (USA)

OPTIONS

- Extra air attachment (IS or Euro coupling)
- Extra long connection nipple (cylinder \varnothing >160 mm)
- Quick coupling to breathing hose

APPROVALS

Complete Interspiro Breathing Apparatus

- CE 89/686/EEC
- CFR 42 NIOSH
- NFPA 1981:2002 Edition
- US Coast Guard

INTERSPIRO

www.interspiro.com | info@interspiro.com

NORTH & SOUTH AMERICA

INTERSPIRO Inc. www.interspiro-us.com
10225 82nd Avenue PLEASANT PRAIRIE WI 53158-5801 USA
TEL +1 262 947 9000 FAX +1 262 947 9020 E-MAIL info@interspiro-us.com

CENTRAL EUROPE

AUSTRIA
INTERSPIRO GesmbH www.interspiro.de
Sternweg 20 A-8401 ZETTLING AUSTRIA
TEL +43 (0)313 557 333 FAX +43 (0)313 557 333 22 E-MAIL info@interspiro.de

GERMANY

INTERSPIRO GmbH www.interspiro.de
Postfach 1220 D-76691 FORST/BADEN GERMANY
TEL +49 (0)7251 8030 FAX +49 (0)7251 2298 E-MAIL info@interspiro.de

SWITZERLAND

INTERSPIRO AG www.interspiro.de
Güterstraße 47 CH-4133 PRATTELN SWITZERLAND
TEL +41 61 827 99 77 FAX +41 61 827 99 70 E-MAIL info@interspiro.ch

THE NETHERLANDS & BELGIUM

INTERSPIRO BV www.interspiro.nl
Televisieweg 113 NL-1322 BD ALMERE NETHERLANDS
TEL +31 (0)36 5363103 FAX +31 (0)36 5384809 E-MAIL infobv@interspiro.com

UNITED KINGDOM & IRELAND

INTERSPIRO Ltd. www.interspiro.com
7 Hawksworth Road Central Park TELFORD Shropshire TF2 9TU UNITED KINGDOM
TEL +44 (0)1952 200 190 FAX +44 (0)1952 299 805 E-MAIL infouk@interspiro.com

SCANDINAVIA, ASIA/PACIFIC, MIDDLE EAST & EXPORT

SWEDEN

NORDIC & EXPORT SALES DIVISION www.interspiro.com
Box 10060 S-181 10 LIDINGÖ SWEDEN
TEL +46 8 636 51 00 FAX +46 8 765 48 53 E-MAIL info@interspiro.com

MALAYSIA

NORDIC & EXPORT SALES DIVISION www.interspiro.com
305 & 305A Lorong Perak Taman Melawati 53100 KUALA LUMPUR MALAYSIA
TEL +60 3 4105 8122 FAX +60 3 4105 3122 E-MAIL interspiro.asiapacific@interspiro.com