



oxyturbo®



Pressure reducers



QUALIFIED EXPERIENCE AND CERTIFIED RELIABILITY

Oxyturbo has been operating since 1982 in the field of specialised technologies for the use of cylinder industrial gases, positioning itself as a real distribution partner within the business chain.

All Oxyturbo products are entirely manufactured in Italy and comply with the strictest safety standards. The company is committed to offering optimum quality/price ratio and is constantly striving to achieve customer satisfaction.

The pressure reducers Maxymum, Magnum Plus, Magnum e Maxy, exclusively manufactured by Oxyturbo, have been tested and type-approved by Apragaz for an inlet pressure of up to 300 bar. The company quality system achieved the UNI EN ISO 9001 certification from SGS in 1996 – certificate Nr. IT96/0040. Oxyturbo also has a traceability system in place, allowing to get a detailed knowledge of the product life, to assure its manufacturing memory.

Pressure reducers for cylinder industrial gases are one of the core Oxyturbo productions, combining high reliability, user-friendliness and excellent performances.





PRESSURE REDUCERS

For refillable cylinders

- page 5 **MAXYUM**
- page 6 **OXYGEN series**
- page 8 **ACETYLENE series**
- page 10 **PROPANE series**
- page 12 **NITROGEN series**
- page 14 **CO₂ ARGON series**

For disposable cylinders

- page 18 **CO₂ –ARGON-MIX-NITROGEN series**
- page 19 **CO₂ –ARGON-MIX series**
- page 20 **Fittings and complements**
- page 21 **Gauges and protection caps**
- page 22 **Safety**



oxyturbo[®]

Pressure reducers for use with industrial gases in cylinders: Oxygen – Acetylene – Propane - Nitrogen - CO₂ - Argon - Mix



EN ISO 2503

All our pressure reducers are built in compliance with the Standard EN ISO 2503 which provides:

- ▶ relief valve
- ▶ obligatory marking
- ▶ gauges according to the Standard
- ▶ unremovable pressure adjusting knob

In case even only one of the above mentioned features is not respected, the pressure reducer is no more in compliance with the Standard.

The inlet connections of our pressure reducers are in compliance with the Standard UNI 11144.

P1 – pressure

300 bar is the max. inlet pressure for Maxymum, Magnum Plus, Magnum, Magnum Rear Side, Maxy, Maxy Power Control and Maxy Flux series.

230 bar is the max. inlet pressure for Mini series.

Obligatory marking

The Standard EN ISO 2503 provides the following obligatory markings:

- ▶ name or trade mark of the manufacturer and/or distributor
- ▶ pressure reducer class –K- or outlet pressure –P2-
- ▶ rated inlet pressure - P1 -
- ▶ gas intended for use

It is important to carefully read the marking because through this you can distinguish an original from a counterfeit product.

Gauges

The assembled gauges fitted on our pressure reducers are built according to the standard ISO 5171 and are marked accordingly.

Unremovable pressure adjusting knob

Our pressure reducers are provided with an unremovable adjusting knob to ensure the highest safety during their use at the maximum working pressures.

Integrated capsule

All our pressure reducers are provided with the INTEGRATED CAPSULE device with filter to afford reliability and easier maintenance.

- ▶ All our pressure reducers are singularly tested to ensure the user their proper working and safety.

Pressure reducers with front adjusting knob:

Maxymum
Magnum Plus
Magnum
Magnum Rear Side
Mini

Pressure reducers with bottom adjusting knob:

Maxy
Maxy Power Control
Maxy Flux

Pressure reducers for disposable cylinders:

Mignon
Micro

MAXYUM

New 20-40-60 bar



A new professional pressure reducer studied to complete the range. It is made with an advanced production technology directly out of brass bars, and represents the evolution of Oxyturbo's pressure reducers production thanks to its higher performance. Apragaz approved for use with nitrogen and argon.

USE

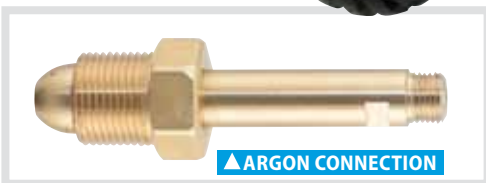
Designed for highly professional and industrial uses, it comes with a safety device to vent the overpressures.

HIGH PRESSURE AND DELIVERY FLOW RATES

It allows an use of compressed gases up to 300 bar, enables higher outlet pressure values of 20 - 40 and 60 bar and delivery flow rates up to 150 m³/h.



▲ NITROGEN CONNECTION



▲ ARGON CONNECTION

TECHNICAL FEATURES:

- SIDE ENTRY
- FRONT ADJUSTING KNOB
- GAUGES Ø 63



	UNI(IT)	DIN(DE)	BSI(GB)	NF(FR)	NEN(NL)	SIS(SE)	CGA(USA)	
ISO/TR7470 Nitrogen**		477.1 Nr.10		E29-650 Type C	3268• RU3	SS2238• Type A		•NUT
ISO/TR7470 Argon*		477.1 Nr.6•		A 84-425 Type C	3268• RU3	SS2238• Type A		•NUT
ISO/TR7470 Nitrogen**	5-UNI 11144**		341.1Nr.3**				580**	**BULLNOSE
ISO/TR7470 Argon**	8-UNI 11144**		341.1Nr.3**				580**	**BULLNOSE

MAXYUM P2 outlet pressure 20 - 40 - 60 bar – Q1 standard delivery flow 60 - 100 - 150 m³/h

GAS	UNI(IT)	DIN(DE)	BSI(GB)	NF(FR)	NEN(NL)	SIS(SE)	CGS(USA)	WEIGHT (Kg)	PACK. DIM. (cm – l x w x h)	PCS	PACK. WEIGHT (Kg)
Nitrogen 20 bar	294200.20	294204.20	294203.20	294202.20	294209.20	294204.20	294205.20	2,00	52x25x38	6	12,60
Argon 20 bar	296200.20	296201.40	296203.20	296202.20	296209.20	296204.20	296200.20	2,00	52x25x38	6	12,60
Nitrogen 40 bar	294200.40	294204.40	294203.40	294202.40	294209.40	294204.40	294205.40	2,00	52x25x38	6	12,60
Argon 40 bar	296200.40	296201.40	296203.40	296202.40	296209.40	296204.40	296200.40	2,00	52x25x38	6	12,60
Nitrogen 60 bar	294200	294204	294203	294202	294209	294204	294205	2,00	52x25x38	6	12,60
Argon 60 bar	296200	296201	296203	296202	296209	296204	296200	2,00	52x25x38	6	12,60

Each box will contain a double outlet:
 -7/16" – 20 UNF (1/4" SAE)
 -1/2" – 20 UNF (5/16" SAE)
 Other outlet connections available on request.

OXYGEN series

MAGNUM PLUS



A sturdy and reliable structure and a special care for the components, ensures this pressure reducer made directly out of brass bar a safe use and a sensible regulation even at the highest flow rates.

USE

Ideal for welding, for oxycutting and heating, for long working schedules with MIG/MAG-TIG welding machines and for specific applications where high flow rates are required.

HIGH DELIVERY FLOW RATES

This pressure reducer lets have high delivery flow rates and therefore is used in central supply-units and on "cylinder bundles".



TECHNICAL FEATURES:

- SIDE ENTRY
- FRONT ADJUSTING KNOB
- GAUGES Ø 63



▲ MAGNUM



▲ MAGNUM Rear Side

	UNI(IT)	DIN(DE)	BSI(GB)	NF(FR)	NEN(NL)	SIS(SE)	CGA(USA)				
ISO/TR7470*	2-UNI 11144*	477.1 Nr.9*				SS2238* Type A	540*	•NUT			
ISO/TR7470**			341.1N.3**	A 84-420** Type A	3268 Ri2**			**BULLNOSE			
OUTLET	UNI(IT)	DIN(DE)	BSI(GB)	NF(FR)	NEN(NL)	SIS(SE)	CGS(USA)	WEIGHT (Kg)	PACK. DIM. (cm - l x w x h)	PCS	PACK. WEIGHT (Kg)

MAGNUM OXYGEN

K pressure reducer class 3 - P2 outlet pressure 10 bar – Q1 standard delivery flow 30 m³/h

1/4	280200	280201	280203	280203	280203	280200	9/16 280295	1,30	45x30x16	6	8,20
3/8	280250	280251	280253	280253	280253	280250		1,35	45x30x16	6	8,50
M16x1,5				280283				1,35	45x30x16	6	8,50

MAGNUM REAR SIDE OXYGEN

K pressure reducer class 3 - P2 outlet pressure 10 bar – Q1 standard delivery flow 30 m³/h

1/4	280500	280501	280503	280503	280503	280500	9/16 280595	1,30	45x30x16	6	8,20
3/8	280550	280551	280553	280553	280553	280550		1,35	45x30x16	6	8,50
M16x1,5				280583				1,35	45x30x16	6	8,50

MAGNUM PLUS OXYGEN

K pressure reducer class 4 - P2 outlet pressure 12,5 bar – Q1 standard delivery flow 40 m³/h

1/4	270200	270201	270203	270203	270203	270200	9/16 270295	1,45	41X29X22	6	9,10
3/8	270250	270251	270253	270253	270253	270250		1,50	41X29X22	6	9,50
M16x1,5				270283				1,50	41X29X22	6	9,50

MAXY OXYGEN

K pressure reducer class 3 - P2 outlet pressure 10 bar – Q1 standard delivery flow 30 m³/h

1/4	260200	260201	260203	260203	260203	260200	9/16 260295	1,40	41X29X22	8	11,60
3/8	260250	260251	260253	260253	260253	260250		1,45	41X29X22	8	12,00
M16x1,5				260283				1,45	41X29X22	8	12,00

MAXY POWER CONTROL OXYGEN

K pressure reducer class 3 - P2 outlet pressure 10 bar – Q1 standard delivery flow 30 m³/h

1/4	260500	260501	260503	260503	260503	260500	9/16 260595	1,45	41X29X22	8	12,10
3/8	260550	260551	260553	260553	260553	260550		1,50	41X29X22	8	12,50
M16x1,5				260583				1,50	41X29X22	8	12,50

MINI OXYGEN

K pressure reducer class 1 - P2 outlet pressure 4 bar – Q1 standard delivery flow 5 m³/h

1/4	250200	250201	250203	250203	250203	250200	9/16 250295	0,75	57X30X35	30	23,30
3/8	250250	250251	250253	250253	250253	250250		0,80	57X30X35	30	24,70
M16x1,5				250283				0,80	57X30X35	30	24,70



▲ MAXY Power Control



▲ MAXY



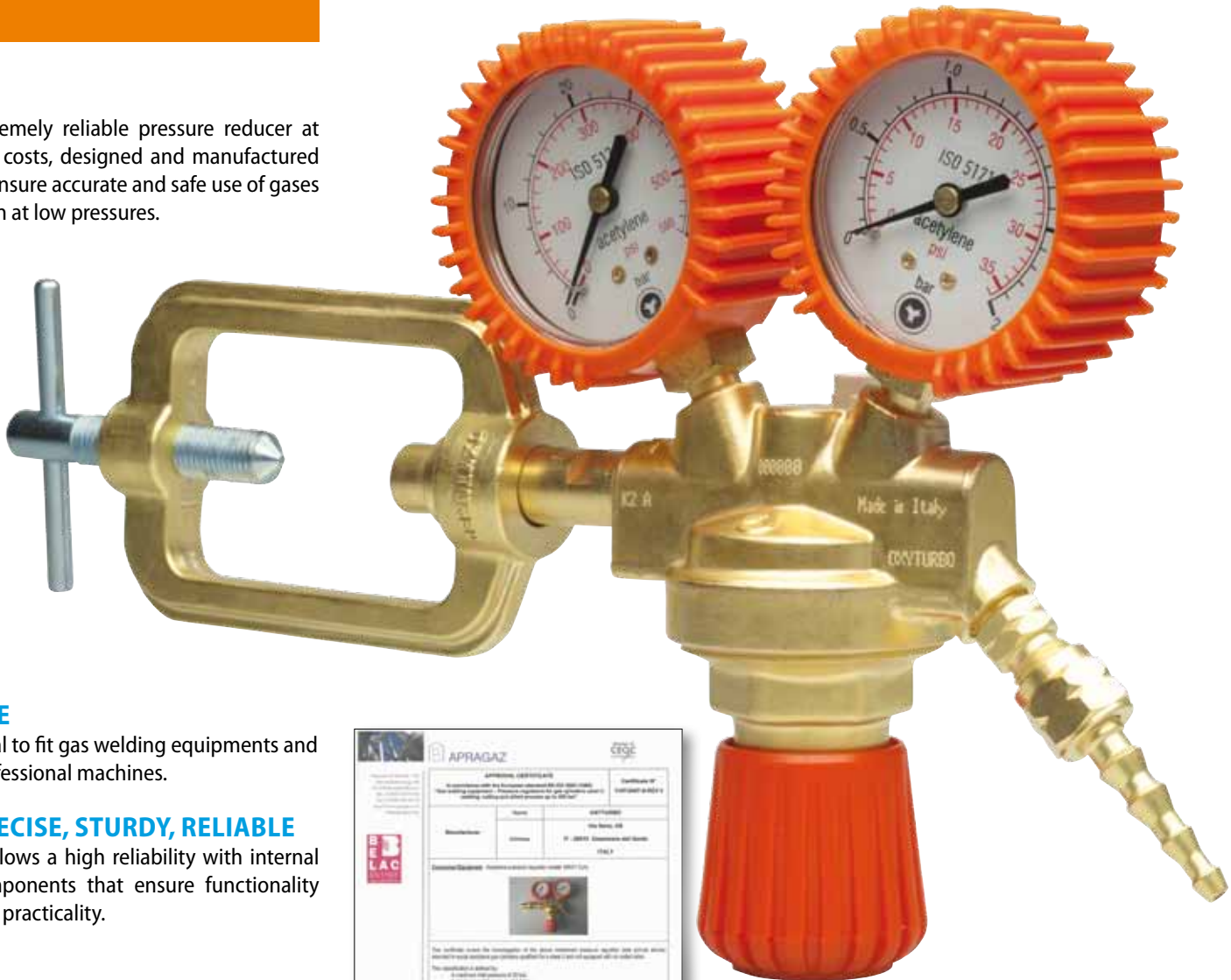
▲ MINI

ACETYLENE

series

MAXY

Extremely reliable pressure reducer at low costs, designed and manufactured to ensure accurate and safe use of gases even at low pressures.



USE

Ideal to fit gas welding equipments and professional machines.

PRECISE, STURDY, RELIABLE

It allows a high reliability with internal components that ensure functionality and practicality.

TECHNICAL FEATURES:

SIDE ENTRY

BOTTOM ADJUSTING KNOB

GAUGES Ø 63



▲ MAGNUM



▲ MAGNUM Rear Side

	UNI(IT)	DIN(DE)	BSI(GB)	NF(FR)	NEN(NL)	SIS(SE)	CGA(USA)	
ISO/TR7470**			341.1** Nr.2	A 84-421** Type F	3268** BEUGEL	SS2238** Type C2	510**	**BULLNOSE
ISO/TR7470***	7S-UNI 11144 ***	477.1 NR.3***			3268*** BEUGEL			***YOKE

OUTLET	UNI(IT)	DIN(DE)	BSI(GB)	NF(FR)	NEN(NL)	SIS(SE)	CGS(USA)	WEIGHT (Kg)	PACK. DIM. (cm - l x w x h)	PCS	PACK. WEIGHT (Kg)
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MAGNUM ACETYLENE

K pressure reducer class 2 - P2 outlet pressure <1,5 bar – Q1 standard delivery flow 5 m³/h

Bullnose 1/4	281203		281203	281203	281209	281204	9/16 281295	1,30	45x30x16	6	8,20
Yoke 1/4	281200	281201						1,55	45x30x16	6	9,90
Bullnose 3/8	281253		281253	281253	281259	281254		1,35	45x30x16	6	8,50
Yoke 3/8	281250	281251						1,60	45x30x16	6	10,20
M16x1,5				281283				1,35	45x30x16	6	8,50

MAGNUM REAR SIDE ACETYLENE

K pressure reducer class 2 - P2 outlet pressure <1,5 bar – Q1 standard delivery flow 5 m³/h

Bullnose 1/4	281503		281503	281503	281509	281504	9/16 281595	1,30	45x30x16	6	8,20
Yoke 1/4	281500	281501						1,55	45x30x16	6	9,90
Bullnose 3/8	281553		281553	281553	281559	281554		1,35	45x30x16	6	8,50
Yoke 3/8	281550	281551		281583				1,60	45x30x16	6	10,20
M16x1,5								1,35	45x30x16	6	8,50

MAGNUM PLUS ACETYLENE

K pressure reducer class 2 - P2 outlet pressure <1,5 bar – Q1 standard delivery flow 5 m³/h

Bullnose 1/4	271203		271203	271203	271209	271204	9/16 271295	1,40	41x29x22	6	8,90
Yoke 1/4	271200	271201						1,65	41x29x22	6	10,40
Bullnose 3/8	271253		271253	271253	271259	271254		1,45	41x29x22	6	9,20
Yoke 3/8	271250	271251						1,70	41x29x22	6	10,70
M16x1,5				271283				1,45	41x29x22	6	9,20

MAXY ACETYLENE

K pressure reducer class 2 - P2 outlet pressure <1,5 bar – Q1 standard delivery flow 5 m³/h

Bullnose 1/4	261203		261203	261203	261209	261204	9/16 261295	1,45	41x29x22	8	12,10
Yoke 1/4	261200	261201						1,70	41x29x22	8	14,10
Bullnose 3/8	261253		261253	261253	261259	261254		1,50	41x29x22	8	12,50
Yoke 3/8	261250	261251						1,75	41x29x22	8	14,50
M16x1,5				261283				1,50	41x29x22	8	12,50

MAXY POWER CONTROL ACETYLENE

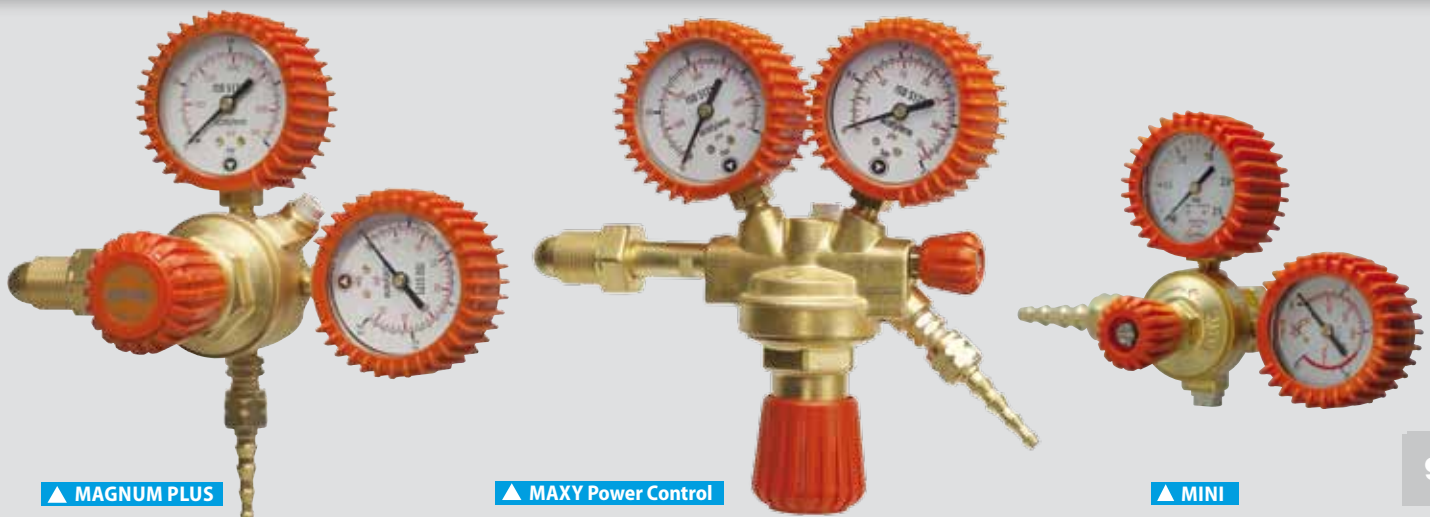
K pressure reducer class 2 - P2 outlet pressure <1,5 bar – Q1 standard delivery flow 5 m³/h

Bullnose 1/4	261503		261503	261503	261509	261504	9/16 261595	1,40	41x29x22	8	11,70
Yoke 1/4	261500	261501						1,65	41x29x22	8	13,70
Bullnose 3/8	261553		261553	261553	261559	261554		1,45	41x29x22	8	12,10
Yoke 3/8	261550	261551						1,70	41x29x22	8	14,10
M16x1,5				261583				1,45	41x29x22	8	12,10

MINI ACETYLENE

K pressure reducer class 1 - P2 outlet pressure 0,8 bar – Q1 standard delivery flow 1 m³/h

Bullnose 1/4	251203		251203	251203		251204	9/16 251295	0,80	57x30x35	30	24,70
Yoke 1/4	251200	251201			251209			1,05	57x30x35	30	32,30
Bullnose 3/8	251253		251253	251253		251254		0,85	57x30x35	30	26,20
Yoke 3/8	251250	251251			251259			1,10	57x30x35	30	33,70
M16x1,5				251283				0,85	57x30x35	30	26,20



▲ MAGNUM PLUS

▲ MAXY Power Control

▲ MINI

PROPANE series

MAGNUM Rear Side

This sturdy and precise pressure reducer allows a stable delivery flow even at low pressures.

USE

The Rear Side version with rear entry is the best solution for welding equipments with cylinders up to 5 lt and for all refillable cylinders.

PRACTICALITY OF USE

Compact and with reduced dimensions, it is made directly out of brass bar and has a practical and precise front adjusting knob.



TECHNICAL FEATURES:

REAR ENTRY

FRONT ADJUSTING KNOB

GAUGES Ø 50



▲ MAGNUM

▲ MAXY

▲ MINI

	UNI(IT)	DIN(DE)	BSI(GB)	NF(FR)	NEN(NL)	SIS(SE)	CGA(USA)	
ISO/TR7470•	1P-UNI 11144•	477.1 Nr.1•		A 84-426• Type E	3268• LU1	SS2238• Type C1		•NUT
ISO/TR7470••			341.1N.4••				510••	••BULLNOSE

OUTLET	UNI(IT)	DIN(DE)	BSI(GB)	NF(FR)	NEN(NL)	SIS(SE)	CGS(USA)	WEIGHT (Kg)	PACK.DIM. (cm - l x w x h)	PCS	PACK.WEIGHT (Kg)
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MAGNUM PROPANE K pressure reducer class 1 - P2 outlet pressure 4 bar – Q1 standard delivery flow 5 m³/h

1/4	282300	282301	282303	282302	282309	282302	9/16 282395	1,15	45x30x16	6	7,35
3/8	282350	282351	282353	282352	282359	282352		1,20	45x30x16	6	7,65
M16x1,5				282382				1,20	45x30x16	6	7,65

MAGNUM REAR SIDE PROPANE K pressure reducer class 1 - P2 outlet pressure 4 bar – Q1 standard delivery flow 5 m³/h

1/4	282500	282501	282503	282502	282509	282502	9/16 282595	1,15	45x30x16	6	7,35
3/8	282550	282551	282553	282552	282559	282552		1,20	45x30x16	6	7,65
M16x1,5				282582				1,20	45x30x16	6	7,65

MAXY PROPANE K pressure reducer class 1 - P2 outlet pressure 4 bar – Q1 standard delivery flow 5 m³/h

1/4	262300	262301	262303	262302	262309	262302	9/16 262395	1,15	41x29x22	8	9,70
3/8	262350	262351	262353	262352	262359	262352		1,20	41x29x22	8	10,10
M16x1,5				262382				1,20	41x29x22	8	10,10

MINI PROPANE K pressure reducer class 0 - P2 outlet pressure 1,5 bar – Q1 standard delivery flow 1 m³/h

1/4	252300	252301	252303	252302	252309	252302	9/16 252395	0,60	41x36x24	30	18,60
3/8	252350	252351	252353	252352	252359	252352		0,65	41x36x24	30	20,10
M16x1,5				252382				0,65	41x36x24	30	20,10

NITROGEN series

MAGNUM

Reducer for a maximum pressure up to 10 bar and a flow rate of 30 m³/h. Available also in Rear Side version with rear entry.

USE

Ideal for cleaning air-conditioning systems or for inflating tires.

DELIVERY FLOW STABILITY

The body of these pressure reducers is made directly out of brass bar and they have a practical and precise front adjusting knob.



TECHNICAL FEATURES:

SIDE ENTRY

FRONT ADJUSTING KNOB

GAUGES Ø 50

	UNI(IT)	DIN(DE)	BSI(GB)	NF(FR)	NEN(NL)	SIS(SE)	CGA(USA)	
ISO/TR7470•		477.1• Nr.10		E29-650• Type C	3268• RU3	SS2238• Type A		•NUT
ISO/ TR7470••	5-UNI 11144••		341.1N.3••				580••	••BULLNOSE

OUTLET	UNI(IT)	DIN(DE)	BSI(GB)	NF(FR)	NEN(NL)	SIS(SE)	CGS(USA)	WEIGHT (Kg)	PACK. DIM. (cm - l x w x h)	PCS	PACK. WEIGHT (Kg)
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MAGNUM NITROGEN

K pressure reducer class 3 - P2 outlet pressure 10 bar – Q1 standard delivery flow 30 m³/h

1/4	284200	284204	284203	284202	284209	284204	9/16 284295	1,20	45x30x16	6	7,65
3/8	284250	284254	284253	284252	284259	284254		1,25	45x30x16	6	7,95

MAXY NITROGEN

K pressure reducer class 3 - P2 outlet pressure 10 bar – Q1 standard delivery flow 30 m³/h

1/4	264200	264204	264203	264202	264209	264204	9/16 264295	1,50	41x29x22	8	12,50
3/8	264250	264254	264253	264252	264259	264254		1,55	41x29x22	8	12,90



CO₂ ARGON series

MAXY Power Control

A very sturdy structure for a pressure reducer with bottom adjusting knob and side entry, designed and built to ensure a precise and safe use of gases.

USE

Ideal to fit welding machines MIG/MAG which require robustness and high flow rates stability.

RELIABILITY

The side adjusting knob ensures a high flow stability.



TECHNICAL FEATURES

SIDE ENTRY

BOTTOM ADJUSTING KNOB

GAUGES Ø 63



▲ MAGNUM



▲ MAGNUM PLUS

	UNI(IT)	DIN(DE)	BSI(GB)	NF(FR)	NEN(NL)	SIS(SE)	CGA(USA)	
ISO/TR7470 CO ₂ •	2-UNI 11144•	477.1 Nr.6•	341.1 Nr.8•	A 84-425• Type C	3268RU1•	SS2238• Type A	320•	•NUT
ISO/TR7470 Argon•		477.1Nr.6•		A 84-425• Type C	3268RU3•	SS2238• Type A		•NUT
ISO/TR7470 CO ₂ ••								••BULLNOSE
ISO/TR7470 Argon••	8-UNI 11144••		341.1Nr.3••				580••	••BULLNOSE

OUTLET	UNI(IT)	DIN(DE)	BSI(GB)	NF(FR)	NEN(NL)	SIS(SE)	CGS(USA)	WEIGHT (Kg)	PACK. DIM. (cm - l x w x h)	PCS	PACK. WEIGHT (Kg)
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MAGNUM CO₂ – ARGON

K pressure reducer class 1 - P2 outlet pressure 4 bar – Q1 standard delivery flow <1,5 m³/h

CO ₂ 1/4	285200	286201	285200	285200	285209	285200	285205	1,25	45x30x16	6	7,95
CO ₂ 3/8	285250	286251	285250	285250	285259	285250	285255	1,30	45x30x16	6	8,25
Argon 1/4	286200	286201	286203	285200	286209	286204	286200	1,30	45x30x16	6	8,25
Argon 3/8	286250	286251	286253	285250	286259	286254	286250	1,35	45x30x16	6	8,55

MAGNUM PLUS CO₂ – ARGON

K pressure reducer class 1 - P2 outlet pressure 4 bar – Q1 standard delivery flow >2 m³/h

CO ₂ 1/4	275200	276201	275200	275200	275209	275200	275205	1,40	41x29x22	6	9,90
CO ₂ 3/8	275250	276251	275250	275250	275259	275250	275255	1,45	41x29x22	6	9,20
Argon 1/4	276200	276201	276203	275200	276209	276204	276200	1,45	41x29x22	6	9,20
Argon 3/8	276250	276251	276253	275250	276259	276254	276250	1,50	41x29x22	6	9,50

MAXY CO₂ – ARGON

K pressure reducer class 1 - P2 outlet pressure 4 bar – Q1 standard delivery flow <1,5 m³/h

CO ₂ 1/4	265200	266201	265200	265200	265209	265200	265205	1,35	41x29x22	8	11,30
CO ₂ 3/8	265250	266251	265250	265250	265259	265250	265255	1,40	41x29x22	8	11,70
Argon 1/4	266200	266201	266203	265200	266209	266204	266200	1,40	41x29x22	8	11,70
Argon 3/8	266250	266251	266253	265250	266259	266254	266250	1,45	41x29x22	8	12,10

MAXY POWER CONTROL CO₂ – ARGON

K pressure reducer class 1 - P2 outlet pressure 4 bar – Q1 standard delivery flow <1,5 m³/h

CO ₂ 1/4	265500	266501	265500	265500	265509	265500	265505	1,40	41x29x22	8	11,70
CO ₂ 3/8	265550	266551	265550	265550	265559	265550	265555	1,45	41x29x22	8	12,10
Argon 1/4	266500	266501	266503	265500	266509	266504	266500	1,45	41x29x22	8	12,10
Argon 3/8	266550	266551	266553	265550	266559	266554	266550	1,50	41x29x22	8	12,50

MAXY FLUX CO₂ – ARGON

K pressure reducer class 1 - P2 outlet pressure 3,5 bar – Q1 standard delivery flow > 2 m³/h

CO ₂ 1/4	265400	266401	265400	265400	265409	265400	265405	1,45	41x36x24	10	15,10
*1/4	265400.98							1,50	41x36x24	10	15,60
Argon 1/4	266400	266401	266403	265400	266409	266404	266400	1,50	41x36x24	10	15,60
* 3/8	266400.98							1,55	41x36x24	10	16,10

*+Adjusting knob and protection cap.



▲ MAXY

▲ MAXY FLUX

▲ MAXY 2 FLUX

CO₂ ARGON series

MINI

Compact pressure reducer, designed and manufactured for MIG/MAG-TIG welding machines. Thanks to its high reliability and its small size, it has become a standard device to fit portable equipments.

USE

Ideal for:

- small portable gas welding equipments
- professional MIG/MAG-TIG welding machines
- special applications



TECHNICAL FEATURES:

REAR ENTRY

FRONT ADJUSTING KNOB

GAUGES Ø 50



THE MOST APPRECIATED

This has been the first pressure reducer of Oxyturbo range, which "inspired" several other manufacturers.

	UNI(IT)	DIN(DE)	BSI(GB)	NF(FR)	NEN(NL)	SIS(SE)	CGA(USA)	
ISO/TR7470 CO ₂ •	2-UNI 11144•	477.1 Nr.6•	341.1 Nr.8•	A 84-425• Type C	3268RU1•	SS2238• Type A	320•	•NUT
ISO/TR7470 Argon•		477.1Nr.6•		A 84-425• Type C	3268RU3•	SS2238• Type A		•NUT
ISO/TR7470 CO ₂ ••								•BULLNOSE
ISO/TR7470 Argon••	8-UNI 11144••		341.1Nr.3••				580••	•BULLNOSE

OUTLET	UNI(IT)	DIN(DE)	BSI(GB)	NF(FR)	NEN(NL)	SIS(SE)	CGS(USA)	WEIGHT (Kg)	PACK. DIM. (cm - l x w x h)	PCS	PACK. WEIGHT (Kg)
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MINI 2 GAUGES CO₂ – ARGON

K pressure reducer class 1 - P2 outlet pressure 4 bar – Q1 standard delivery flow <1 m³/h

CO ₂	255200	256201	255200	255200	255209	255200	255205	0,70	57x30x35	30	21,75
Argon	256200	256201	256203	255200	256209	256204	256200	0,70	57x30x35	30	21,75

MINI LP GAUGE CO₂ – ARGON

K pressure reducer class 1 - P2 outlet pressure 4 bar – Q1 standard delivery flow <1 m³/h

CO ₂	255300	256301	255300	255300	255309	255300	255305	0,60	41x36x24	30	18,60
Argon	256300	256301	256303	255300	256309	256304	256300	0,60	41x36x24	30	18,60

MINI HP GAUGE CO₂ – ARGON

K pressure reducer class 1 - P2 outlet pressure 4 bar – Q1 standard delivery flow <1 m³/h

CO ₂	255100	256101	255100	255100	255109	255100	255105	0,60	41x36x24	30	18,60
Argon	256100	256101	256103	255100	256109	256104	256100	0,60	41x36x24	30	18,60

MINI NO GAUGES CO₂ – ARGON

K pressure reducer class 1 - P2 outlet pressure 4 bar – Q1 standard delivery flow <1,5 m³/h

CO ₂	255000	256001	255000	255000	255009	255000	255005	0,55	46x30x26	50	28,00
Argon	256000	256001	256003	255000	256009	256004	256000	0,55	46x30x26	50	28,00



▲ MINI H.P. GAUGE



▲ MINI L.P. GAUGE



▲ MINI NO GAUGES

CO₂ ARGON MIX-NITROGEN series

MIGNON

Reliable and safe, fitted with a relief valve which ensures safe venting of pressures excess and available with high and/or low pressure gauges Ø 40.

USE

Pressure reducer manufactured to adjust intermediate pressures on disposable cylinders for MIG/MAG welding machines.

LITTLE BUT EFFICIENT

Its dimensions make it suitable for several works, even in reduced spaces, without changing its efficiency.

TECHNICAL FEATURES:

BOTTOM ENTRY

BOTTOM ADJUSTING KNOB

GAUGES Ø 40



CONNECTION	CODE	WEIGHT (Kg)	PACK.DIMENSIONS (cm - l x w x h)	PCS.	PACK.WEIGHT (Kg)
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MIGNON CO₂ -ARGON-MIX

P1 inlet pressure **150 bar** - K pressure reducer class **1** - P2 outlet pressure **4 bar** – Q1 standard delivery flow **<1 m³/h**

NO GAUGES	M10X1Rh	225000	0,35	46x30x26	50	18,00
HP GAUGE	M10X1Rh	225100	0,45	41x36x24	30	14,10
2 GAUGES	M10X1Rh	225200	0,50	41x36x24	30	15,60
LP GAUGE	M10X1Rh	225300	0,45	41x36x24	30	14,10

MIGNON NITROGEN

P1 inlet pressure **150 bar** - K pressure reducer class **1** - P2 outlet pressure **10 bar** – Q1 standard delivery flow **<1 m³/h**

NO GAUGES	M10X1Rh	324080	0,35	46x30x26	50	18,00
HP GAUGE	M10X1Rh	324180	0,45	41x36x24	30	14,10
2 GAUGES	M10X1Rh	324280	0,50	57X30X35	30	15,75
LP GAUGE	M10X1Rh	324380	0,45	41x36x24	30	14,10

MICRO

CO₂ ARGON-MIX series

Very small sized pressure reducer. Available also with low pressure gauge to control the flow rate.

USE

Ideal for disposable cylinders for small MIG welding machines.

EASY AND PRACTICAL

With its very small sizes enables a fast installation and a practical use.

TECHNICAL FEATURES:

BOTTOM ENTRY

BOTTOM ADJUSTING KNOB

GAUGES Ø 40



CONNECTION	CODE	WEIGHT (Kg)	PACK.DIMENSIONS (cm - lxxvxh)	PCS.	PACK.WEIGHT (Kg)
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MICRO P1 inlet pressure **130 bar** - K pressure reducer class **1** - P2 outlet pressure **4 bar** – Q1 standard delivery flow **<1 m³/h**

NO GAUGES	M10X1Rh	215000	0,17	35x19x17	60	10,45
LP GAUGE	M10X1Rh	215300	0,25	46x30x26	50	13,10

DISPOSABLE CYLINDERS FOR MIGNON AND MICRO



CYLINDERS	CONNECTION	CODE	WEIGHT (Kg)	PACK.DIMENSIONS (cm - lxxvxh)	PCS.	PACK.WEIGHT (Kg)
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CO2 390g	M10X1Rh	485300	1,60	32x26x34	12	19,45
ARGON 110bar	M10X1Rh	486301	1,35	32x26x34	12	16,45
MIX 110bar	M10X1Rh	486351	1,35	32x26x34	12	16,45
NITROGEN 110bar	M10X1Rh	484300	1,30	32x26x34	12	15,85

Fittings and complements



Adaptors

Oxyturbo recommends the use of its adaptors to guarantee a safe tightness on the reducer.

	CONNECTION CO ₂ REDUCER	CONNECTION ARGON CYLINDER	CODE
IT	W 21.80Rhe	W 24.51Rhe	C5649000
U.S.A.	W 20.91Rhe	W 24.51Rhe	C5649001
GB	W 21.80Rhe	W 22.92Rhe	C5629000
NL SE	W 21.80Rhe	W 24.32Rhi	C5639000
	CONNECTION ARGON REDUCER	CONNECTION CO ₂ REDUCER	CODE
NL SE	W 21.80Rhi	W 24.32Rhe	C5619000



3/8

1/4

Nut and hose connection

Accurately wrought. Normally fitted on all our pressure reducers.

	OUTLET	CODE
Rh	1/4	490480
Lh	1/4	490430
Rh	3/8	490380
Lh	3/8	490330



Preheater

It prevents the "freezing effect" on the CO₂ pressure reducers. CE-approved. Low power consumption (25 Watt).

	CODE	WEIGHT (Kg)	PCS.	PACK DIMENSIONS (cm - lxxwxh)
220 Volt	299705	1,60	5	41x29x22



Flowmeter

It provides extremely accurate flow setting.

	CODE	WEIGHT (Kg)	PCS.	PACK DIMENSIONS (cm - lxxwxh)
Flowmeter	299705	1,60	5	41x29x22
Flowmeter for torch	260090	0,033	-	-

Flowmeter for torch

0-30 lt/min

Gauges and protection caps

GAUGES



	THREAD	Ø mm	SCALE		RED MARK		CODE	
			High pressure/bar	Low pressure/bar	High pressure/bar	Low pressure/bar	High pressure/bar	Low pressure/bar
OXYGEN								
Magnum	G 1/4	50	0-315	0-16	230	10	Q5000102	Q5160102
Maxy	G 1/4	63	0-315	0-16	230	10	Q6000501	Q6160501
Magnum Plus	G 1/4	63	0-315	0-16	230	12,5	Q6000501	Q6160510
Mini	G 1/8	50	0-315	0-6	230	4	Q5000101	Q5060101
ACETYLENE								
Magnum	G 1/4	50	0-40	0-2,5	25	1,5	Q5400101	Q5420101
Maxy Magnum Plus	G 1/4	63	0-40	0-2,5	26	1,5	Q6400501	Q6420501
Mini	G 1/8	50	0-40	0-2,5	25	1,5	Q5400100	Q5420100
PROPANE								
Magnum	G 1/4	50		0-6		4		Q5060102
Maxy	G 1/4	63		0-6		4		Q6060501
Mini	G 1/8	50		0-2,5		1,5		Q5420100
NITROGEN								
Maxymum	G 1/4	63	0-400	0-100	300	60	Q6030500	Q6170500
Magnum	G 1/4	50	0-315	0-16	230	10	Q5000103	Q5160103
Maxy	G 1/4	63	0-315	0-16	230	10	Q6500502	Q6160502
Mignon	G 1/8	50	0-315	0-16	230	10	Q5000101	Q5160501
CO₂/ARGON								
Maxymum	G 1/4	63	0-400	0-100	300	60	Q6030500	Q6170500
Magnum	G 1/4	50	0-315	0-32 l/min	230	22,5 l/min=4bar	Q5000103	Q5520103
Maxy	G 1/4	63	0-315	0-32 l/min	230	22,5 l/min=4bar	Q6500502	Q6520502
Magnum Plus	G 1/4	63	0-315	0-32 l/min	230	32 l/min=4bar	Q6500502	Q6520503
Mini	G 1/8	50	0-315	0-12 l/min	230	4	Q5000101	Q5520102
Mignon	G 1/8	40	0-250	0-6 l/min	160	-	Q4020100	Q4520100
Micro	G 1/8	40		0-6 l/min		-		Q4520100

Protection caps for gauges



DIMENSIONS	COLOUR	CODE
Ø 63 mm	●	Q0060300
Ø 50 mm	●	Q0050300
Ø 63 mm	●	Q0061300
Ø 50 mm	●	Q0051300
Ø 63 mm	●	Q0062300
Ø 50 mm	●	Q0052300

Safety valves



▲ FLAME ARRESTOR hose-to-hose



▲ FLAME BACK ARRESTOR hose-to-hose



▲ FLAME BACK ARRESTOR for handgrip



▲ MULTI ARRESTOR for pressure reducer

Backfire

Gas back-flows and backfires are caused by alteration of balance between gas emission and combustion speed. Our safety valves avoid gas back-flows and backfires during welding.

FLAME ARRESTOR

Safety valves hose-to-hose - Max delivery flow 1.500 lt/h.

These valves have one protection: they prevent backfire. They are produced with high quality components. Hoseholder of 7-10 mm.

FLAME ARRESTOR HOSE-TO-HOSE	CODE
OXYGEN	150140
GAS	150190

FLAME BACK ARRESTOR

Safety valves double protection - Max delivery flow 3.000 lt/h.

They avoid backfires and gas back-flows. Two versions are available:

- hose-to-hose with hoseholder 7-11 mm
- for handgrip

FLAME BACK ARRESTOR HOSE-TO-HOSE	CODE
OXYGEN	150210
GAS	150260

FLAME BACK ARRESTOR HANDGRIP	CONNECTION	CODE
OXYGEN	3/8	150205
GAS	3/8	150255
OXYGEN	1/4	150200
GAS	1/4	150250

MULTI ARRESTOR

Safety valves for pressure reducer. - Max. delivery flow 3.000 lt/h.

They perform 2 important functions:

- they prevent backfires
- they prevent gas back-flows

MULTI ARRESTOR	CONNECTION	CODE
OXYGEN	3/8	150305
GAS	3/8	150355



GAS CONTROL

Technological gas leakage detector

Safety



It is specifically designed to test the hermetic sealing of any type of gas systems. The liquid has a special formula against corrosion if used on copper, brass and steel.

Approved
by DVGW
DIN EN 14291.



It reveals any gas leak forming bubbles or foam. Two versions available:

- 400g aerosol with acc-u-sol valve, display of 12 pcs.
- 400g aerosol with spray valve plus small tube, box of 10 pcs.

GAS CONTROL	CODE	WEIGHT (Kg)	PACK. DIMENSIONS (cm – lxwxh)	PCS.	PACK. WEIGHT (Kg)
12 pcs. 400g DISPLAY	405000.EX	0,46	43x29x24	2x12	12,25
10 pcs. 400g SPRAY	405000	0,46	46x36x24	3x10	15,20



OUR PACKAGING



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