

# O-Two Pressure Regulators



## HIGH-PERFORMANCE REGULATORS FOR RESUSCITATION AND THERAPY

Today's high performance ventilators and resuscitators need high performance regulators to optimize their output capabilities. That's why our O-Two Oxygen Regulators are the perfect choice to meet the needs of the respiratory impaired patient or those in respiratory arrest. The all brass (or aluminum body/brass core) construction of these high quality regulators improves product safety by reducing the risk of exacerbating a regulator fire should it occur.

With an optional oxygen therapy flow rate range of 0-15 L/min or 0-25 L/min you can choose the range that most suits the needs of your patient in respiratory distress who requires oxygen therapy. For powering oxygen equipment, different configurations of pressure outlets are available. Input connections of either nut and stem or pin indexed yoke are available as well as regulator for Entonox<sup>®</sup> analgesic gas.

By providing consistent output pressure and flow, the O-Two range of Oxygen Regulators ensure the maximum operating time on any cylinder. Built for the demands of the pre-hospital and in-hospital markets, the O-Two Regulator range provide unbeatable quality and performance.

# FEATURES AND APPLICATIONS OF O-TWO REGULATORS

PRESSURE GAUGE  
3000 PSI (200 BAR)

THERAPY FLOW  
0 - 25 L/MIN,  
BARBED OUTLET



DISS  
DIAMETER INDEX  
SAFETY SYSTEM

9/16 SELF-SEALING  
DISS OUTLETS

\*EQUINOX IS 5/8 DISS

PRESSURE, FLOW AND OUTLETS CAN CHANGE IN ORDER TO FIT CUSTOMER’S NEEDS



## FOR HOSPITALS

01RO01003S-B - Therapy Flow 0 - 25 L/min, 9/16” DISS Outlet, All Brass construction, Pin-Indexed Yoke



## MRI REGULATORS

01RO01023-MRI - MRI Brass Pin-Indexed Yoke with Therapy Flow 0 - 25 L/min, Barbed Outlet, 2 x 9/16 Self-Sealing DISS Outlets



D-Tank

CGA 870 is typically on smaller cylinders like M6, C, D and E Pin-Indexed Yoke CGA 870



NUT AND STEM  
CGA 540 cylinders are typically on larger cylinders, like ,K,M,H and T Nut/Nipple, CGA-540

PIN INDEX- GASES  
CONNECTIONS  
Medical Gas  
cylinder valve



Nitrous Oxide



Oxygen



DISS 9/16 connection



Therapy flow barbed outlet/LPM attach to a non-rebreather mask

# ORDERING INFORMATION

## ADJUSTABLE THERAPY FLOW REGULATORS

**01RO01003-A** - Therapy Flow 0 - 25 L/min, Barbed Outlet Aluminum Shell, Brass Core Pin-Indexed Yoke

**01RO01002-A** - Therapy Flow 0 - 15 L/min, Barbed Outlet Aluminum Shell, Brass Core Pin-Indexed Yoke

**01RO01003-B** - Therapy Flow 0 - 25 L/min, Barbed Outlet All Brass Pin-Indexed Yoke

**01RO02003-B** - Therapy Flow 0 - 25 L/min, Barbed Outlet All Brass 540 Nut & Stem

## PRESSURE REDUCER REGULATORS

**01RO01010-B** - Brass Pin-Indexed Yoke with 1 x 9/16" Self-Sealing DISS Outlet (No Therapy Flow)

**01RO01020-B** - Brass Pin-Indexed Yoke with 2 x 9/16" Self-Sealing DISS Outlets (No Therapy Flow)

**01RO02010-B** - Brass 540 Nut & Stem with 1 x 9/16" Self-Sealing DISS Outlet (No Therapy Flow)

**01RO02020-B** - Brass 540 Nut & Stem with 2 x 9/16" Self-Sealing DISS Outlets (No Therapy Flow)

## COMBINED PRESSURE REDUCER AND THERAPY REGULATORS

**01RO01023-B** - All Brass Pin-Indexed Yoke with Therapy Flow 0 - 25 L/min, Barbed Outlet - with 2 x 9/16 Self-Sealing DISS Connectors

**01RO01023-MRI** - MRI Brass Pin-Indexed Yoke with Therapy Flow 0 - 25 L/min, Barbed Outlet, 2 x 9/16 Self-Sealing DISS Outlets

**01RO02023-B** - All Brass 540 Nut & Stem with Therapy Flow 0-25 L/min, Barbed Outlet - with 2 x 9/16 Self-Sealing DISS Connectors

## FLOW METER

**01FC0815B** - Adjustable 0-15 L/min Flow Controller- Nut & Stem/LPM Barb (each)

**01FC0825B** - Adjustable 0-25 L/min Flow Controller- Nut & Stem/LPM Barb (each)

**01FC0815D** - Adjustable 0-15 L/min Flow Controller- Nut & Stem/DISS (each)

**01FC0825D** - Adjustable 0-25 L/min Flow Controller- Nut & Stem/DISS (each)

**01FC0115D** - 9/16 DISS wall connection, adjustable 0-15 L/min Flow Controller (each)

**01FC0125D** - 9/16 DISS wall connection, adjustable 0-25 L/min Flow Controller (each)



## REPLACEMENTS



**01OR1002-CS** - Brass/Viton Yoke seal (Case of 10)



**01OR1007** - Pressure Gauge 3000 PSI (200 bar)



**02RT5400-10** - Nylon Cylinder Wrench w/ strap (Case of 10)

**17MP4118** - Post Valve plug with dust cap (Case of 25)

# SPECIFICATIONS

GENERAL SPECIFICATIONS

SPECIFICATIONS CAN VARY DEPENDING ON THE CONFIGURATION CHOSEN

<b>THERAPY FLOWRATE SETTINGS:</b>	0, 1, 3, 4, 6, 8, 10, 12, 15, 20, 25
<b>ALTERNATIVE FLOWRATE SETTINGS:</b>	0.5, 1, 2, 3, 4, 5, 6, 8, 9, 12, 15
<b>MAXIMUM NORMAL INLET PRESSURE (PI):</b>	3000 PSI (206.8 BAR)
<b>GAUGE ACCURACY:</b>	2% of full scale + 8% of reading
<b>OPERATING INLET PRESSURE:</b>	500 to 3000 PSI (34.5 to 206.8 BAR)
<b>NOMINAL OUTLET PRESSURE:</b>	60 PSI (4.14 BAR)
<b>MINIMUM DYNAMIC PRESSURE:</b>	46 PSI
<b>STORAGE TEMPERATURE:</b>	-28 to 60°C (-18.4 to 140°F)
<b>OPERATING TEMPERATURE:</b>	-18 to 50°C (-0.4 to 122°F)
<b>MAXIMUM HIGH FLOW CAPABILITY (9/16 IN DISS OUTLET):</b>	> 180 L/min (one port open)
<b>SIZE (INCL., GAUGE AND PRESSURE OUTLET):</b>	
<b>INCHES:</b>	(L X H X W) 6 x 3 x 1.5 (approx.)
<b>MILIMETERS:</b>	(L X H X W) 152 x 76 x 38 (approx.)
<b>WEIGHT (APPROX.):</b>	27 oz / 748 g

THIS PRODUCT HAS A FIVE YEAR WARRANTY AGAINST MANUFACTURERS DEFECTS.