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2120-10



2120-14



2121-10



2121-14

Installing the Regulator

Thread the regulator into the corresponding SAE-4F port of the RCV/RCR unit or Manifold where you wish to install the regulator and torque to **60 in-lbs.**

Connect the outlet tubing to the remainder of your oxygen system.

Open the cylinder valve **SLOWLY** (~ 2 turns).

Removing the Regulator

DO NOT ATTEMPT TO REMOVE REGULATOR WHILE UNDER PRESSURE

Bleed-off internal pressure first by **closing the main cylinder valve** and then:

- 1) If using an EDS device, disconnect the XCP-to-EDS Supply Adapter tubing from the EDS device and then insert it into the regulator XCP/FPR outlet fitting.
- 2) If using an MH-3 or MH-4 Flowmeter, simply connect the Flowmeter to the regulator XCP/FPR outlet and allow the remaining oxygen to bleed via the connected Flowmeter.
- 3) A blunt instrument (such as a pen) may be inserted into the regulator XCP/FPR outlet in order to open the internal check valve and bleed-off the remaining oxygen.

The regulator can now be removed.

GENERAL SPECIFICATIONS

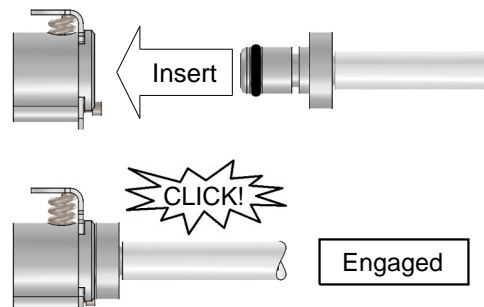
Inlet Pressure Rating: 3000 PSI MAX
Regulated Outlet: 16 ± 2 PSI (Dynamic) (NOM 1 Bar)
20 ± 2 PSI (Static)

Average Flow Rate: 40 L/min (AVG)

See also: MH document 5SREG-21xx-xx

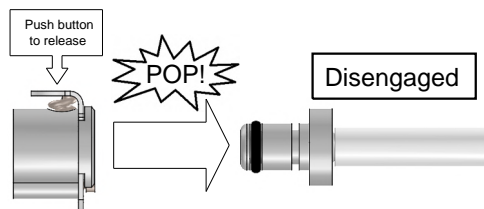
REV	ECO	Release	Drawn	REVISION HISTORY
-0	2019-051	2019-12-04	SGO	Customer Drawing - Insert

OUTLET TUBING CONNECTION - CPC Quick-Connect Fittings



To insert:

Simply insert the male connector into the female outlet on the XCP/FPR regulator. Push in firmly until the connector engages with a **"CLICK"** sound. You now have a secure air-tight connection.



To remove:

Push in the side release button and the male connector will disengage with a **"POP"**. The internal check valve will close to stop the flow of oxygen.

Gauge-Port Options:

Regulator comes with (21x1-xx) or without (21x0-xx) a pressure gauge, but may be retro-fitted for other applications:

- (unused) 1/8 MNPT Plug (MH p/n 00HDW-0390-00)
- MH-300 Gauge (MH p/n 00CPG-1010-00)
- MH-400 Gauge (MH p/n 00CPG-1011-00)
- Fill-Port (MH p/n 00BLT-1008-00)
- Plumb-in Remote Gauge, Remote Fill-Port, Multiple Cylinders, etc.

Contact MH Customer Service for help with your specific requirements

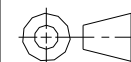
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE:

0.X ±0.015
0.XX ±0.010
0.XXX ±0.005

ANGLES ± 3°
FRACTIONS ± 1/64

INTERPRET GD&T PER ASME 14.5

THIRD ANGLE PROJECTION



DO NOT SCALE DRAWING

DRAWN SGO
2019-11-14

CHECKED EAM
2019-12-04

ENGINEER TD
2019-12-04

APPROVED HBS
2019-12-04

MH

**MOUNTAIN HIGH E&S CO.
REDMOND, OR. USA**

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DWG TITLE
**Regulator Assy 2G, Single-Stage,
SAE-4M x CPC Outlet (XCP/FPR) [Insert]**

DWG NUMBER
5IREG-212x-1x

INV. PART 00REG-212x-10
NUMBER 00REG-212x-14
PROD. NAME

DWG FORMAT: ESR-002 Rev H [20]
DWG SCALE
DWG SHEET 1 OF 1
DWG SIZE A 11x8 1/2

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Insert #: 5IREG-212x-1x