



00REG-1092-10
(Radial CPC Outlet)



00REG-1092-14
(4x Axial CPC Outlets)

GENERAL SPECIFICATIONS

Materials: UNS C36000 (CDA-360) Brass
 UNS A96061 (6061-T6) Aluminum

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

Useable Tank Press.: 50 PSI

Average Flow Rate: 40 L/min (AVG)
 Temperature Range: -50°F to +130°F [-45°C to +55°C]

Inlet Fitting: CGA-540N
 Spare O-ring: MH p/n 09001-0011-90 (CGA-540)

1092-10: Outlet Fitting 1/8-27 NPT x 5/16 CPC Socket Weight 4.6 oz [130 g]
1092-14: Outlet Fitting 4x 5/16 CPC Sockets Weight 6.7 oz [192 g]

See also: MH document 5SREG-1092-1x

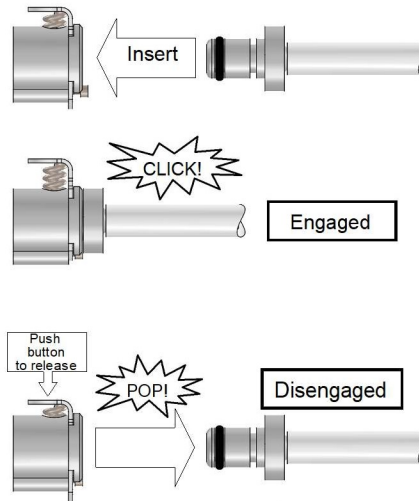
REV	ECO	Release	Draw n	REVISION HISTORY
-3	2019-008	2019-02-14	SGO	Product Insert Draw ing
-4	ECO2025-012	2/11/2025	KQM	Minor Insert Revisions

DO NOT ATTEMPT TO REMOVE REGULATOR FROM CYLINDER WHILE UNDER PRESSURE!

The regulator grip-nut will be difficult to turn while under pressure, and doing so will destroy the regulator inlet O-ring. Bleed-off pressure 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.

TUBING CONNECTION - CPC Quick-connect Fittings



To insert:

Simply insert the male connector into the female outlet on the XCP 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.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE:
 0.X ±0.015 ANGLES ±3°
 0.XX ±0.010 FRACTIONS ±1/64
 0.XXX ±0.005

INTERPRET GD&T PER ASME 14.5 63

MH MOUNTAIN HIGH E&S CO.
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THIRD ANGLE PROJECTION	DRAWN SGO 2018-12-17	DWG TITLE Regulator, 2-Stage Axial, No Gauge, CGA-540N x CPC Outlet [Insert]
	CHECKED EAM 2019-02-14	DWG NUMBER 5IREG-1092-1x
DO NOT SCALE DRAWING	ENGINEER PLM 2019-02-14	DWG REV. -4
APPROVED HBS 2019-02-14	CAD FILE 00REG-1092*1096-xx\$-3	INV. PART NUMBER 00REG-1092-10 00REG-1092-14
	DWG FORMAT: ESR-002 Rev H [20]	PROD. NAME XCP-CGA-2SA-1P-CPC FPR-CGA-2SA-4P-CPC
	DWG SCALE	DWG SHEET 1 OF 1 DWG SIZE 11x8 1/2

Insert #: 5IREG-1092-1x