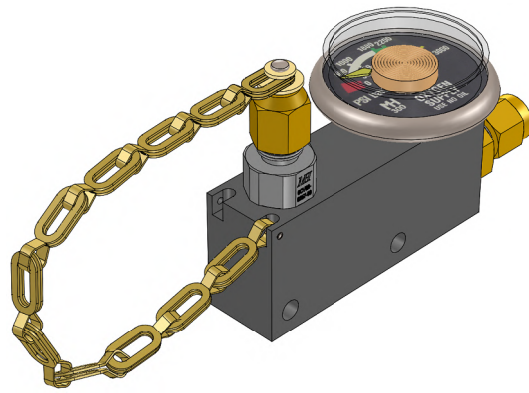
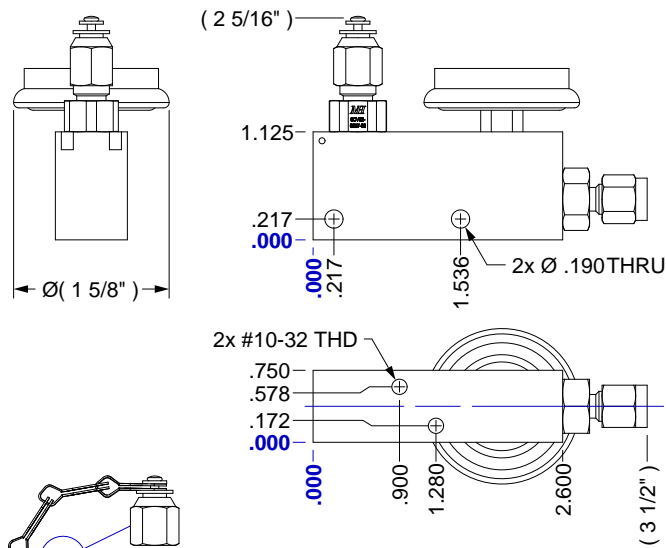


REV	ECO	Release	Drawn	REVISION HISTORY
G1a	2019-023	2019-05-28	SGO	Customer Drawing



GENERAL SPECIFICATIONS

Materials: UNS C36000 (CDA-360) Brass
 UNS A96061 (6061-T6) Aluminum
 UNS S30300 (303) Stainless Steel

Weight: 5.8 oz [165 g]
 Working Pressure: 3000 PSI
 Temp Range: -50°F to +130°F [-45°C to +55°C]

Service Kit: MH p/n KM100-1010-01 (Items 2, 3, 4, 6, 9)

Cleaned for oxygen service per MH ESR-008D

Installation

- Install Deluxe Fill Station per AC 43.13 Chapter 6
- THRU holes in side of Deluxe Fill Station manifold will accommodate #8 or #10 machine screws. Locate mounting holes per indicated dimensions, or match-drill.
- Threaded holes in bottom of manifold are for #10-32 fasteners. Locate mounting holes per indicated dimensions.
- MH-300 Pressure Gauge is included separately with the Deluxe Fill Station so that the gauge may be installed in the field and oriented as required. Gauge threads are 1/8-27 NPT and come pre-taped as a convenience.
- Leak-check gauge connection with snoop or equivalent
- If gauge is loosened or removed, remove old tape and re-apply new oxygen-compatible Teflon tape (e.g., MIL-SPEC T27730A) to NPT male threads prior to re-installation. Take care to maintain cleanliness of all parts of the oxygen system - failure to do so could create an **extreme safety hazard**. Refer to MH document # 5SHDW-0300-00 for information on cleaning/purging/installing oxygen system fittings.

REF	QTY	Part Number	Description
1	1	00MAN-0028-00	Manifold
2	1	09001-3003-70	O-Ring
3	1	OCV02-0201-00	Poppet
4	1	09007-0001-00	Retaining Ring
5	1	00HDW-0108-00	1/8" Tube Adapter
6	1	09001-3904-70	O-Ring
7	1	OCV02-0257-00	AN800-3 [3/8-24] Adapter
8	1	00VEN-0021-00	Orifice
9	1	09150-0803-05	Filter
10	1	0CP01-0100-01	AN800-3 Cap & Chain Assembly
11	1	09040-0003-00	Pin
12	1	00CPG-1010-00	MH-300 Medium Pressure Gauge

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			THIS DOCUMENT AND ALL TECHNICAL DATA HEREON DISCLOSED ARE PROPERTY OF MOUNTAIN HIGH E&S CO. AND SHALL NOT BE USED, RELEASED OR DISCLOSED IN WHOLE OR PART WITHOUT WRITTEN PERMISSION FROM MOUNTAIN HIGH E&S CO. THIS DOCUMENT MUST BE RETURNED TO MOUNTAIN HIGH E&S CO. IMMEDIATELY UPON REQUEST.
INTERPRET GD&T PER ASME 14.5		63			
THIRD ANGLE PROJECTION		DRAWN SGO 2016-10-14		DWG TITLE Customer Drawing, Deluxe Refill Station [SCD]	
		CHECKED		DWG NUMBER 5IBLT-1020-00	
DO NOT SCALE DRAWING		ENGINEER		DWG REV. G1a	
APPROVED		DWG FILE 5IBLT-1020-00\$G1a		INV. PART NUMBER 00BLT-1020-00	
DWG SCALE		DWG FORMAT: ESR-002 Rev H [17]		PRODUCT NAME Deluxe-Refill-Station	
DWG SHEET		1 OF 1		DWG SIZE A 11x8½	

Insert #: 5IBLT-1020-00