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REVISION HISTORY

REV	ECO NO. YYYY-MM-DD	NAME	NOTES
-	2026-031 2026-09-09	KQM	Initial Release

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

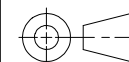
Installation

- 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.
- Assembly recieved with swivel JIC-4 elbow fitting pointed up. Loosen jam nut, rotate JIC-4 nipple to desired orientation, then tighten nut to secure fitting. Torque to 60in-lbs.

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

THIRD ANGLE
PROJECTION



DO NOT SCALE
DRAWING

DRAWN KQM
2026-09-09

CHECKED EAM
2026-09-14

ENGINEER PLM
2026-09-14

APPROVED HBS
2026-09-14

DWG
TITLE

DWG
NUMBER

CAD
FILE

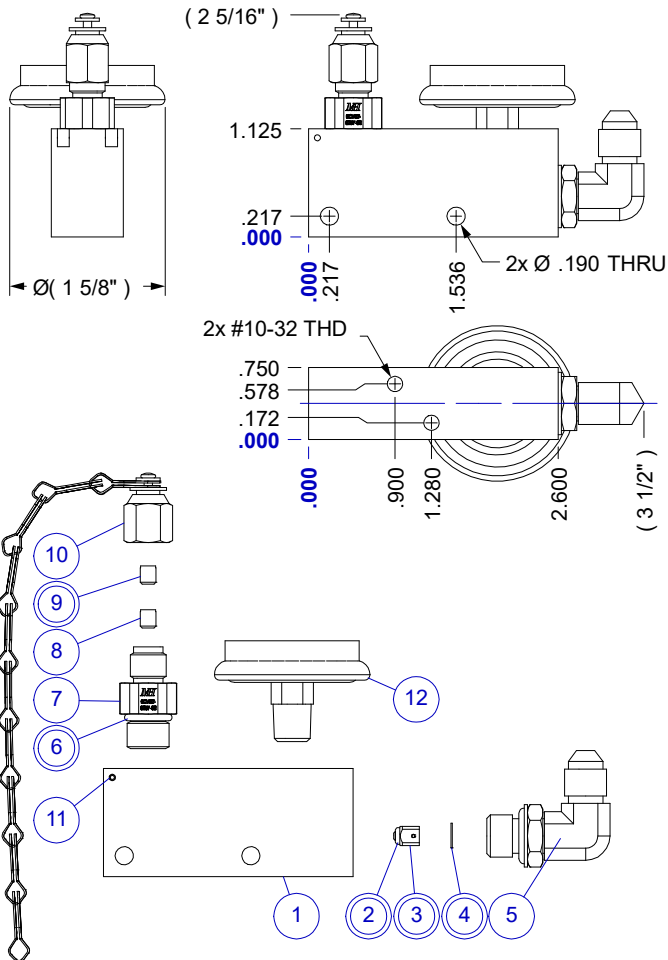
DWG
FORMAT:

Customer Drawing,
Deluxe Refill Station (RV-10) [SCD]

5IBLT-1020-04

INV. PART 00BLT-1020-04 PRODUCT Deluxe-Refill-Station

DWG SCALE DWG SHEET 1 OF 1 DWG SIZE A 11x8 1/2



REF	QTY	Part Number	Description
1	1	00MAN-0028-00	Manifold
2	1	09001-3003-70	O-Ring
3	1	0CV02-0201-00	Poppet
4	1	09007-0001-00	Retaining Ring
5	1	00HDW-1383-02	Adapter Elbow
6	1	09001-3904-70	O-Ring
7	1	0CV02-0257-00	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

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Insert #: 5IBLT-1020-04