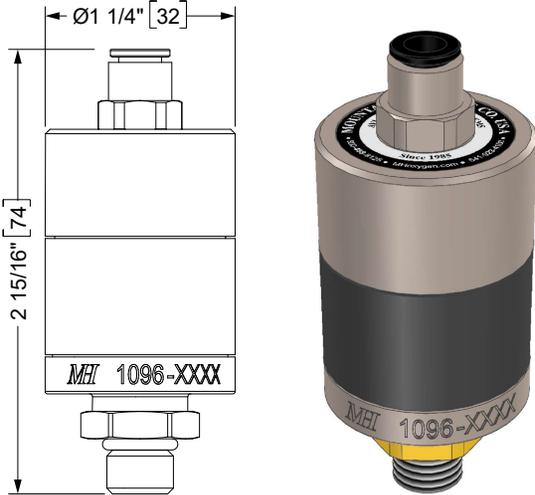
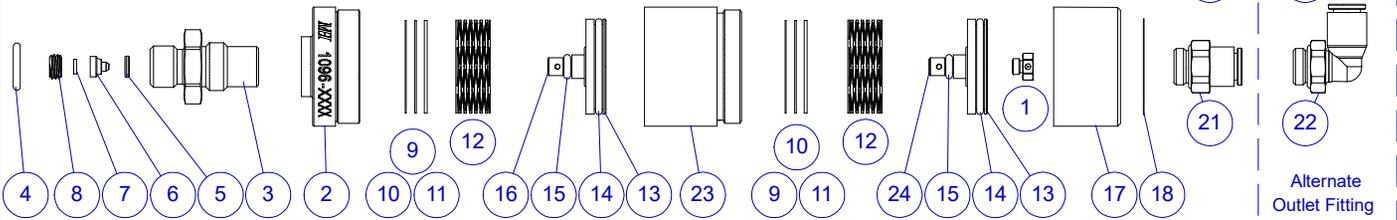


REF	1096-	1096	Description
1	1	1	Diffuser
2	1	1	Inlet Body
3	1	1	Inlet/Guide
4	1	1	O-Ring (SAE-4)
5	1	1	O-Ring
6	1	1	Inlet Seat
7	1	1	Filter Disc
8	1	1	Setscrew
9	A/R	A/R	Shim, .010
10	A/R	A/R	Shim, .020
11	A/R	A/R	Shim, .030
12	2	2	Spring
13	2	2	Piston
14	2	2	O-Ring
15	2	2	O-Ring
16	1	1	Puck (HP)
17	1	1	Outlet Body, Axial
18	1	1	Label
19	1		Outlet Fitting, 4mm tube, Straight
20	1		Outlet Fitting, 4mm tube, 90° Elbow
21		1	Outlet Fitting, 6mm tube, Straight
22		1	Outlet Fitting, 6mm tube, 90° Elbow
23	1	1	Center Body, 2-Stage Reg
24	1	1	Puck (LP)

REV	ECO	Release	Drawn	REVISION HISTORY
-3	2019-008	2019-02-14	SGO	Customer Drawing
-4	2024-026	6/13/2024	KQM	Customer Drawing
A	2025-062	12/16/2025	KQM	Customer Drawing



GENERAL SPECIFICATIONS

Material: 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)

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

Inlet Fitting: SAE-4M
 Replacement O-ring: MH p/n 09001-1904-70 (SAE-4, Item #4)

	<u>Outlet Fitting</u>	<u>Weight</u>
1096-04:	G-1/8 BSPP x 4mm Tube	3.1 oz [88 g]
1096-06:	G-1/8 BSPP x 6mm Tube	3.1 oz [88 g]

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. REDMOND, OR. USA	
THIRD ANGLE PROJECTION		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.	
DRAWN SGO 2018-08-09	CHECKED	Regulator, 2-Stage Axial, No Gauge, SAE-4M x Tube Outlet [SCD]	
ENGINEER	APPROVED	DWG NUMBER 5SREG-1096-0x	DWG REV. A
DO NOT SCALE DRAWING	DWG FORMAT: ESR-002 Rev H [20]	INV. PART NUMBER 00REG-1096-04 00REG-1096-06	MODEL #: 00REG-320-204 00REG-320-205
	DWG SCALE	DWG SHEET 1 OF 1	DWG SIZE A 11x8 1/2