

Design Release

Date: February 22, 2019

Reference: Design Improvement

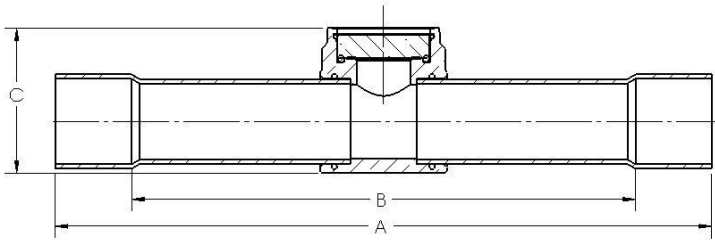
Product Line: Sight Glass/Moisture Indicator, Hermetically Sealed, Solder x Solder

In response to evolving market demands requiring refrigeration and air conditioning components become more seamlessly integrated into new space saving equipment designs while improving overall performance and functionality, Mueller Refrigeration has enhanced the design of their Solder x Solder, Hermetically Sealed Sight Glass/Moisture Indicators to meet these industry challenges.

Using the latest computer-aided engineering design modeling and analysis software, Mueller Refrigeration has been able to reduce the overall footprint of the Sight Glass/Moisture Indicators, while increasing maximum abnormal pressure from 700 psi (48 bar) to 775 psig (53 bar).

Sight Glass/Moisture Indicators are UL/cUL Recognized, conforms to Pressure Equipment Directive 2014/68/EU.

General dimensional information is below.



Part Number	Size		A Previous Design		A - Redesign		B Previous Design		B - Redesign		C Previous Design		C - Redesign		Weight-Previous Design		Weight-Redesign	
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	lb	kg	lb	kg
A 18114	1/4	6	4.50	114	5.06	129	3.87	98	4.50	114	1.06	27	0.97	25	0.31	0.14	0.21	0.09
A 18115	3/8	10	4.50	114	4.85	123	3.71	94	4.28	109	1.06	27	0.97	25	0.38	0.17	0.21	0.09
A 18116	1/2	13	5.74	146	5.75	146	4.79	122	4.93	125	1.06	27	1.19	30	0.50	0.22	0.30	0.14
A 18117	5/8	17	5.74	146	5.75	146	4.56	116	4.69	119	1.30	33	1.19	30	0.52	0.24	0.31	0.14
A 18118	3/4	19	6.80	173	6.71	171	5.50	140	5.41	138	1.30	33	1.49	38	0.56	0.25	0.52	0.24
A 18119	7/8	22	7.16	182	6.71	171	5.69	145	5.15	131	1.42	36	1.49	38	0.60	0.19	0.54	0.24

For specific application questions or assistance with product selections, please contact your local Mueller Refrigeration sales representative or authorized distributor.