User Guide

Dispensing Pressure Vessel Fitting Kit

Introduction

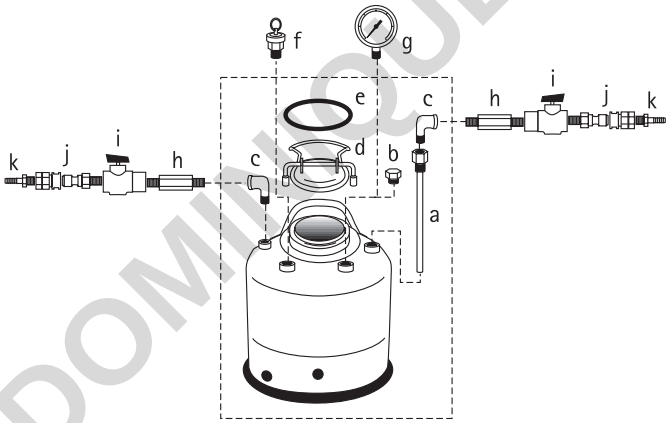
The pressure vessel fitting kit (cat. no. XX67000PK) is designed for use with the following dispensing pressure vessels:

- 5 liter, cat. no. XX6700P05
- 10 liter, cat. no. XX6700P10
- 20 liter, cat. no. XX6700P20
- 1 gallon, cat. no. XX6700P01

The fitting kit provides the components required for assembly of two identical connectors (one to regulate the gas supply from the pressure source and the other to control fluid delivery to the filter holder) plus a pressure gauge and a vent/relief valve.

The components of the fitting kit are detailed in the figure below (items f–k, outside the dashed outline). Other pressure vessel components and accessories (items a–e, inside the dashed outline) are available separately and are listed in the Product Ordering Information section.

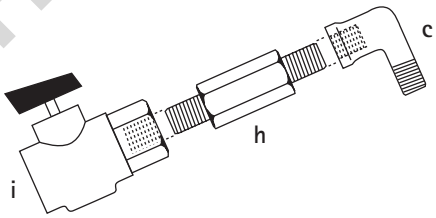
Components of Pressure Vessel Fitting Kit and Accessories



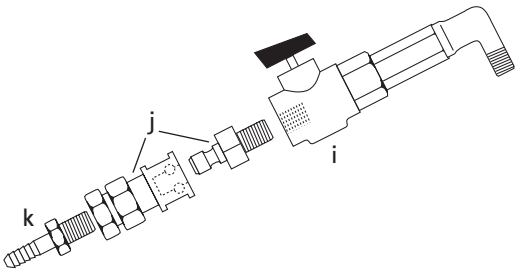
Component	Key	Qty
Vent/relief valve	f	1
Pressure gauge, 0–11 bar (0–160 psi)	g	1
Hex nipple	h	2
Ball valve	i	2
Quick-disconnect nipple and coupling	j	2
Hose connector	k	2
Polytetrafluoroethylene (PTFE) tape	not shown	1 roll

Installing the Fitting Kit

1. Wrap all threaded male fittings in the kit with PTFE tape.
2. Attach one end of a hex nipple (h) to a ball valve (i), as shown below.
3. Attach the other end of the hex nipple (h) to the pressure vessel's inlet elbow fitting (c), as shown below.



4. Attach the second hex nipple (h) and ball valve (i) to the pressure vessel's outlet elbow fitting (c).
5. Attach a quick-disconnect fitting (j) to each ball valve (i), as shown below.



6. Attach a barbed hose connector (k) to each quick-disconnect fitting (j), as shown above.
7. Unscrew the plastic plugs from the two remaining ports on the top of the pressure vessel. Discard the plugs.
8. Install the pressure gauge (g) and the vent/relief valve (f) in the two open ports.

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Product Ordering Information

This section lists catalogue numbers for Dispensing Pressure Vessel Fitting Kit and other pressure vessel accessories. Refer to the components table on reverse side for component key. See the Technical Assistance section for contact information. You can purchase these products on-line at www.millipore.com/products.

Description	Key	Catalogue Number
Pressure Vessel Fitting Kit Includes vent/relief valve, pressure gauge, hex nipples, ball valves, quick-disconnect nipples and couplings, hose connectors, and PTFE tape	–	XX67000PK

Replacement Parts for Fitting Kit

Vent/relief valve, 7 bar (100 psi) ASME	f	XX6700L24
Pressure gauge, 0–11 bar (0–160 psi) ASME, 316 SS	g	XX6700L15
Hex nipple, 1/4 in. NPTM, 51 mm (2 in.) length	h	XX6700125
Ball valve, 1/4 in. NPTF	i	YY2029348
Quick-disconnect nipple and coupling, 1/4 in. NPT	j	XX6700030
Hose connector, 1/4 in. NPTM, 316 SS, 2/pk	k	XX6700L11
PTFE tape, 12.7 mm (1/2 in.) × 6.6 m (21.7 ft)	–	TP0001326

Additional Replacement Parts and Accessories for Pressure Vessels

Outlet dip-tube, 5 liter pressure vessel	a	6977
Outlet dip-tube, 10 liter pressure vessel	a	6978
Outlet dip-tube, 20 liter pressure vessel	a	6979
Pressure gauge, 0–7 bar (0–100 psi) ASME, 316 SS	–	YY1301015
Pipe plug, 1/4 in. NPT, 316 SS, 2/pk	b	YY1301009
Elbow, 1/4 in. NPTM/F, 316 SS	c	XX6700104
Vessel cover, cam-lock	d	6976
O-ring, fluoroelastomer	e	XX6700059

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Technical Assistance

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Standard Warranty

The applicable warranty for the products listed in this publication may be found at www.millipore.com/terms ("Conditions of Sale").

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