

NANOCHEM® L-Series® Purifier ByPass Module

Features and Benefits

- Purification bypass module for all L-Series® purifiers
- Ultra-high purity applications
- Enhances process economy and improves equipment performance
- Low overall cost of ownership
- Easy to operate
- Mounting brackets included
- No power requirements
- Inlet, outlet and bypass springless diaphragm valves standard

Specifications

- All metal parts, Type 316L stainless steel and Elgiloy® (except Kel-F® valve seats)
- Internal surface finish < 15 µin R_a
- Maximum operating temperature of 70°C

Connections

- Female inlet and male outlet 1/4" face seal fittings

Options

- Pneumatically actuated springless diaphragm valves
- Bellows valves

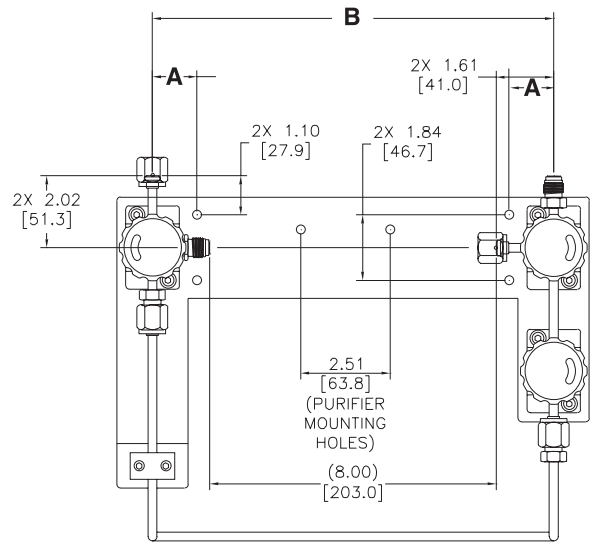
Overview

The NANOCHEM® L-Series® ByPass Module enables an L-Series® purifier to be switched in or out of the gas flow circuit without interrupting the gas stream.

The ByPass Module facilitates replacement of a depleted purifier and shortens the time required for purging.

The ByPass Module is also used during equipment start-up and maintenance, when purge gases flow from the source to the point-of use.

Installation of a bypass is strongly recommended to avoid contamination and partial depletion of purifier during installation.



L-Series® Purifier	L-60	L-300	L-500	L-2000
Dimensions inches (mm)				
A	1.25 (31.75)	1.25 (31.75)	1.25 (31.75)	2.98 (75.69)
B	11.26 (286.00)	11.26 (286.00)	11.26 (286.00)	12.58 (319.53)

Equipment Technology Center
 166 Keystone Drive
 Montgomeryville, PA 18936
 Tel: 800-828-4313 • Fax: 215-619-0458
 Email: Info@matheson-trigas.com

Specifications are subject to change. Please check www.matheson-trigas.com for most current information.

MATHESON TRI-GAS, NANOCHEM and L-Series are registered trademarks of Matheson Tri-Gas, Inc.
 Elgiloy is a registered trademark of Elgiloy Corp.
 Kel-F is a registered trademark of 3M.
 Printed in USA PB027 R05/05



**MATHESON
 TRI-GAS**

ask. . .The Gas Professionals™