

# MAINLINE

## BACKFLOW PRODUCTS

### SUBMITTAL SHEET

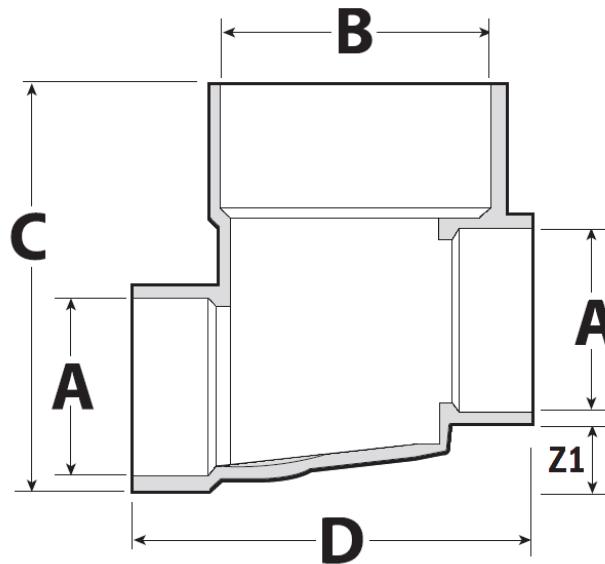
Part Description:

3" ABS Adapt-A-Valve™ Extendable Backwater Valve  
 3" PVC Adapt-A-Valve™ Extendable Backwater Valve

Part Number:

ML-3XA (ABS – DWV MODEL)  
 ML-3XP (PVC – DWV MODEL)

Approvals and Listings maintained by:  
**Mainline Backflow Products**  
 Tel: 780-413-7204 Toll Free: 1-877-734-8691



| Dimensions (inches) |       |
|---------------------|-------|
| A                   | 3"    |
| B                   | 4"    |
| C                   | 7"    |
| D                   | 7 ½ " |
| Z1                  | 1 ¼ " |

ITEM # SUBMITTED \_\_\_\_\_  
 JOB NAME \_\_\_\_\_  
 LOCATION \_\_\_\_\_  
 ENGINEER \_\_\_\_\_  
 CONTRACTOR \_\_\_\_\_  
 PO# \_\_\_\_\_ TAG \_\_\_\_\_

Gate Configuration:

Normally Closed     Normally Open

| Part Number: | Material/Color: | Weight (lbs): | Ctn Qty: | Skid Qty: |
|--------------|-----------------|---------------|----------|-----------|
| ML-3XA       | ABS - BLACK     | 1.2           | 24       | 576       |
| ML-3XP       | PVC - WHITE     | 1.6           | 24       | 576       |



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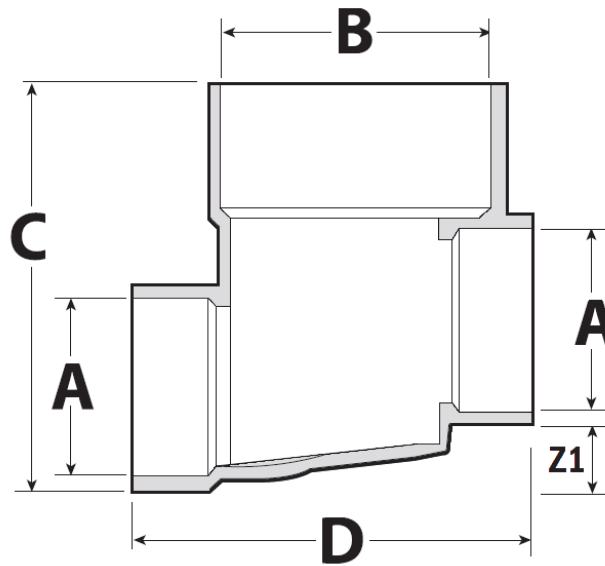
Part Description:

4" ABS Adapt-A-Valve™ Extendable Backwater Valve  
 4" PVC Adapt-A-Valve™ Extendable Backwater Valve

Part Number:

ML-4XA (ABS – DWV MODEL)  
 ML-4XP (PVC – DWV MODEL)

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 Tel: 780-413-7204 Toll Free: 1-877-734-8691



| Dimensions (inches) |        |
|---------------------|--------|
| A                   | 4"     |
| B                   | 6"     |
| C                   | 9 7/8" |
| D                   | 9 1/2" |
| Z1                  | 1 3/4" |

ITEM # SUBMITTED \_\_\_\_\_  
 JOB NAME \_\_\_\_\_  
 LOCATION \_\_\_\_\_  
 ENGINEER \_\_\_\_\_  
 CONTRACTOR \_\_\_\_\_  
 PO# \_\_\_\_\_ TAG \_\_\_\_\_

Gate Configuration:

Normally Closed     Normally Open

| Part Number: | Material/Color: | Weight (lbs): | Ctn Qty: | Skid Qty: |
|--------------|-----------------|---------------|----------|-----------|
| ML-4XA       | ABS - BLACK     | 2.7           | 8        | 192       |
| ML-4XP       | PVC - WHITE     | 3.5           | 8        | 192       |

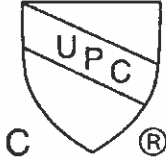


## IAPMO RESEARCH AND TESTING, INC.

5001 E. Philadelphia Street, Ontario, CA 91761-2816 • (909) 472-4100 • Fax (909) 472-4244 • www.iapmort.org



### IAPMO R&T Product Listing



This IAPMO R&T Listing is current as of 11/18/2019

Product: Test Gates (ABS & PVC)

File No. 4898

Issued To: Mainline (BWV) Manufacturing Inc.  
12530 128TH STREET  
EDMONTON, AB T5L 1C8  
CANADA

Identification: Manufacturer's name or trademark, nominal size or model number, the designation (e.g., ABS or PVC), the CSA Standard designation (CSA B181.1 or CSA B181.2), and any other markings required by law. Test caps and test gates shall include the pressure tested to. Markings shall be permanent or indelible. When printed markings are used, letters and numerals shall be of a color that contrasts with the color of the fittings. The product shall also bear the cUPC® certification mark.

Characteristics: Test caps and test gates with ABS or PVC Housing. To be installed in accordance with the manufacture's instructions and the requirements of the latest edition of the Uniform Plumbing Code and the National Plumbing Code of Canada.

Products listed on this certificate have been tested by an IAPMO R&T recognized laboratory. This recognition has been granted based upon the laboratory's compliance to the applicable requirements of ISO/IEC 17025.

Products are in compliance with the following code(s):

Uniform Plumbing Code (UPC®)  
National Plumbing Code of Canada

Products are in compliance with the following standard(s):

IAPMO IGC 122-2005ae1 and CSA B1800-2018

#### MODELS:

|                      |  |
|----------------------|--|
| Test-Eze™ (Gate)     |  |
| Test-Eze™ Tee (Gate) |  |
| <u>Model No.</u>     | <u>Size</u>  |
| ML-3TTG              | 3" (To be used w/ 3" ABS or PVC ML-3TT housings)           |
| ML-3TZ               | 3" (To be used w/ 3" ABS and PVC "Adapt-a-Valve" housings) |
| ML-4TZ               | 4" (To be used w/ 4" and PVC "Adapt-a-Valve" housings)     |

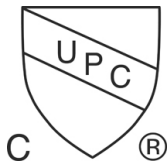
This IAPMO R&T Listing is current as of 11/18/2019

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## CERTIFICATE OF LISTING



IAPMO Research and Testing, Inc. is a product certification body which tests and inspects samples taken from the supplier's stock or from the market or a combination of both to verify compliance to the requirements of applicable codes and standards. This activity is coupled with periodic surveillance of the supplier's factory and warehouses as well as the assessment of the supplier's Quality Assurance System. This listing is subject to the conditions set forth in the characteristics below and is not to be construed as any recommendation, assurance or guarantee by IAPMO Research and Testing, Inc. of the product acceptance by Authorities Having Jurisdiction.

*Issued To:*

### Mainline (BWV) Manufacturing Inc.

12530 128TH STREET EDMONTON, AB TSL 1C9 , Canada

*Product:*

### Backwater Valves

*Products are in compliance with the following code(s):*

Uniform Plumbing Code (UPC®)  
National Plumbing Code of Canada  
International Plumbing Code (IPC®)

*Products are in compliance with the following standard(s)*

ASME A112.14.1-2003(R17), and CSA B181.1 and B181.2-2018

File Number: 4336

Revised Date: June 22, 2021

Effective Date: October 2019

Void After: October 2024\*

  
Chairman, Product Certification Committee



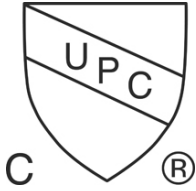
  
Chief Technical Service Officer

\*This certificate is not evidence of current listing. To verify listing status, visit the IAPMO R&T Product Listing Directory at [pld.iapmo.org](http://pld.iapmo.org)

This listing period is based upon the last date of the month indicated on the Effective Date and Void After Date shown above. Any change in material, manufacturing process, marking or design without having first obtained the approval of the Product Certification Committee, or any evidence of non-compliance with applicable codes and standards or of inferior workmanship, may be deemed sufficient cause for revocation of this listing. Production of or reference to this form for advertising purposes may be made only by specific written permission of IAPMO Research and Testing, Inc. Any alteration of this certificate could be grounds for revocation of the listing. This document shall be reproduced in its entirety.

# IAPMO RESEARCH AND TESTING, INC.

## CERTIFICATE OF LISTING



Issued To: Mainline (BWV) Manufacturing Inc.

Effective Date: October 2019

File Number: 4336

Revised Date: June 22, 2021

Product: Backwater Valves

Void After: October 2024

This certificate is not evidence of current listing. To verify listing status, visit the IAPMO R&T Product Listing Directory at [pld.iapmo.org](http://pld.iapmo.org)

### Identification:

Manufacturer's name or trademark, nominal size, flow direction arrow, material designation, ABS or PVC and UPC® certification mark. Canadian certified product can bear the cUPC® certification mark and must include either "DWV" or "B181.1" markings for ABS or "DWV" or "B181.2" for PVC.

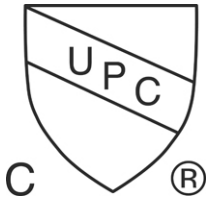
### Characteristics:

Plastic backwater valves to be used in drain, waste or sewer line, and mounted in a horizontal position. To be installed in accordance with the manufacturer's instructions and the requirements of the latest edition of the Uniform Plumbing Code, using IAPMO listed pipe and solvent cements.

Products listed on this certificate have been tested by an IAPMO R&T recognized laboratory. This recognition has been granted based upon the laboratory's compliance to the applicable requirements of ISO/IEC 17025.

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### Models

**Mainline Adapt-a-Valve (Extendable Backwater Valve) Components included in each of below model numbers:** 3BDY01 Extendable Body, 4BDY01 Extendable Body, cassette with extension adapter, Normally-open or Normally-closed gate, optional access opening "ML Flush-Cap" Cleanout (6-inch and 4-inch ABS/PVC)

| Model Number | Description   |
|--------------|---|
| ML-3XA       | 3" ABS backwater valve comes with cassette and gate |
| ML-3XP       | 3" PVC backwater valve comes with cassette and gate |
| cML-4XA      | 4" ABS backwater valve comes with cassette and gate |
| cML-4XP      | 4" PVC backwater valve comes with cassette and gate |

### Flush-Cap Cleanout

| Model Number | Description      |
|--------------|------------------|
| cML4-FCADWV  | 4" ABS Flush-Cap |
| cML4-FCPDWV  | 4" PVC Flush-Cap |
| cML6-FCADWV  | 6" ABS Flush-Cap |
| cML6-FCPDWV  | 6" PVC Flush-Cap |
| cML6-FCPSDR  | 6" SDR Flush-Cap |

### Mainline Fullport Backwater Valve with Integral Downstream Sewer Cleanout

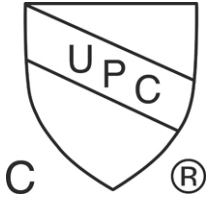
| Model Number | Description   |
|--------------|---|
| cML-4963A    | 4" ABS Fullport Backwater Valve with Integral Downstream Sewer Cleanout (Bottom Gate) |
| cML-4963P    | 4" PVC Fullport Backwater Valve with Integral Downstream Sewer Cleanout (Bottom Gate) |

### Mainline TOP-CHECK Backwater Valve with combination Manual Close/ Integral Downstream Sewer Cleanout

| Model Number | Description   |
|--------------|---|
| cML-4TCA     | 4" ABS Fullport Backwater Valve with w/Manual Shut-off/ Integral Downstream Sewer Cleanout (Top-gate) |
| cML-4TCP     | 4" PVC Fullport Backwater Valve with w/Manual Shut-off/ Integral Downstream Sewer Cleanout (Top-gate) |

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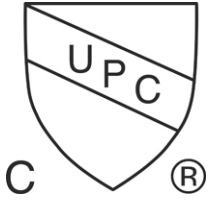
**Void After:** October 2024

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Product: Backwater Valves

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### Additional Company Information

## IPS CORPORATION

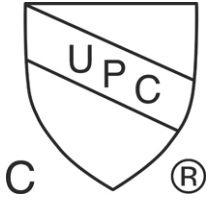
### AB&A™

| Model Number  | Description   |
|---------------|---|
| ABAML4963A    | 4" ABS Fullport Backwater Valve with Integral Downstream Sewer Cleanout (Bottom Gate) |
| ABAML4963P    | 4" PVC Fullport Backwater Valve with Integral Downstream Sewer Cleanout (Bottom Gate) |
| ABAML3XAC     | 3" ABS Backwater valve body + (Normally-closed) cassette                              |
| ABAML3XAO     | 3" ABS Backwater valve body + (Normally-open) cassette                                |
| ABAML3XPC     | 3" PVC Backwater valve body + (Normally-closed) cassette                              |
| ABAML3XPO     | 3" PVC Backwater valve body + (Normally-open) cassette                                |
| ABAPA3CASS1NC | 3" Backwater valve cassette (Normally-closed)   |
| ABAPA3CASS1NO | 3" Backwater valve cassette (Normally-open)   |
| ABAML3TZ      | Test-eze gate / pressure testing  |
| ABAML3BDY1A   | ABS Body housing only   |
| ABAML3BDY1P   | PVC Body housing only   |
| ABAML4XAC     | 4" ABS Backwater valve body + (Normally-closed) cassette                              |
| ABAML4XAO     | 4" ABS Backwater valve body + (Normally-open) cassette                                |
| ABAML4XPC     | 4" PVC Backwater valve body + (Normally-closed) cassette                              |
| ABAML4XPO     | 4" PVC Backwater valve body + (Normally-open) cassette                                |
| ABAPA4CASS1NC | 4" Backwater valve cassette (Normally-closed)   |
| ABAPA4CASS1NO | 4" Backwater valve cassette (Normally-open)   |
| ABAML4TZ      | Test-eze gate / pressure testing  |
| ABAML4BDY1A   | ABS Body housing only   |
| ABAML4BDY1P   | PVC Body housing only   |
| ABAML4FCADWV  | 4" ABS Flush-Cap Cleanout   |



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| Model Number | Description               |
|--------------|---------------------------|
| ABAML4FCPDWV | 4" PVC Flush-Cap Cleanout |
| ABAML6FCADWV | 6" ABS Flush-Cap Cleanout |
| ABAML6FCPDWV | 6" PVC Flush-Cap Cleanout |
| ABAML6FCPSDR | 6" SDR Flush-Cap Cleanout |