

MAINLINE BACKFLOW PRODUCTS

SUBMITTAL SHEET

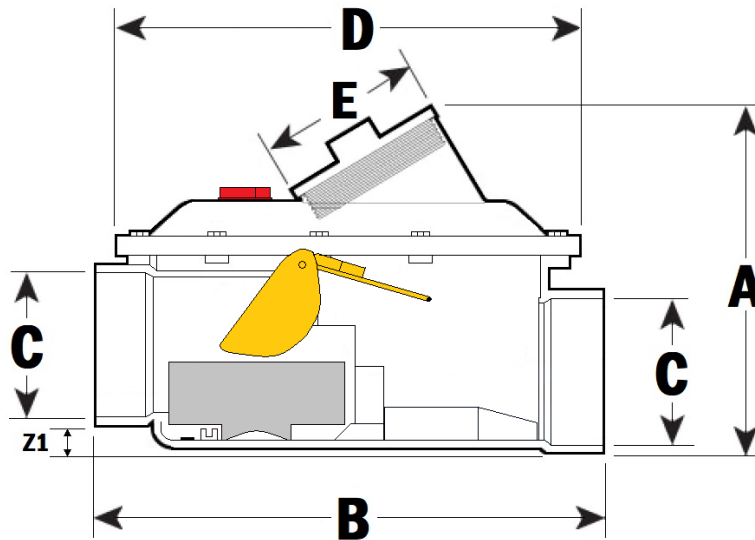
Part Description:

4" ABS Top Check Backwater Valve w/ Manual Close & Sewer Cleanout
4" PVC Top Check Backwater Valve w/ Manual Close & Sewer Cleanout

Part Number:

ML-4TCA (ABS – DWV MODEL)
ML-4TCP (PVC – DWV MODEL)

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



Dimensions (inches)	
A	11 ½ "
B	15 ¼ "
C	4 "
D	13 ½ "
E	5 "
Z1	¾ "

ITEM # SUBMITTED _____
JOB NAME _____
LOCATION _____
ENGINEER _____
CONTRACTOR _____
PO# _____ TAG _____

Part Number:	Material/Color:	Weight (lbs):	Ctn Qty:	Skid Qty:
ML-4TCA	ABS - BLACK	7	4	96
ML-4TCP	PVC - WHITE	8	4	96

Components:
Body: ABS / PVC
Cover: Clear PC
Cleanout: ABS
Float: Closed-Cell Polyethylene
Gate: ABS

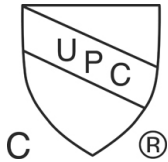


IAPMO RESEARCH AND TESTING, INC.

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



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



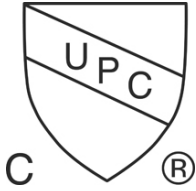

Chief Technical Service Officer

*This certificate is not evidence of current listing. To verify listing status, visit the IAPMO R&T Product Listing Directory at pld.iapmo.org

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.

File Number: 4336

Product: Backwater Valves

Effective Date: October 2019

Revised Date: June 22, 2021

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

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.

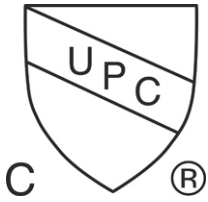
Characteristics:

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.

IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING



Issued To: Mainline (BWV) Manufacturing Inc.

File Number: 4336

Product: Backwater Valves

Effective Date: October 2019

Revised Date: June 22, 2021

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

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

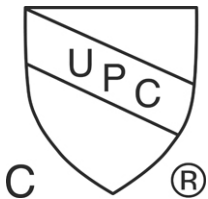
Model Number	Description
cML-4963A	4" ABS Fullport Backwater Valve with Integral Downstream Sewer Cleanout (Bottom Gate)
cML-4963P	4" PVC Fullport Backwater Valve with Integral Downstream Sewer Cleanout (Bottom Gate)

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)

IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING



Issued To: Mainline (BWV) Manufacturing Inc.

File Number: 4336

Product: Backwater Valves

Effective Date: October 2019

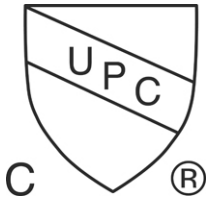
Revised Date: June 22, 2021

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

IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING



Issued To: Mainline (BWV) Manufacturing Inc.

File Number: 4336

Product: Backwater Valves

Effective Date: October 2019

Revised Date: June 22, 2021

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

Additional Company Information

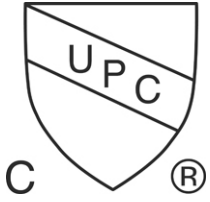
IPS CORPORATION

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

IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING



Issued To: Mainline (BWV) Manufacturing Inc.

File Number: 4336

Product: Backwater Valves

Effective Date: October 2019

Revised Date: June 22, 2021

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

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