

Flue Gas Venting Systems



System 636™
FLUE GAS VENTING



FLUE GAS VENTING SYSTEMS

SYSTEM 636™

- Fully Certified to ULC S636
- System 636™ PVC is rated for flue gas temperatures up to and including 65°C
- System 636™ CPVC is rated for flue gas temperatures up to and including 90°C

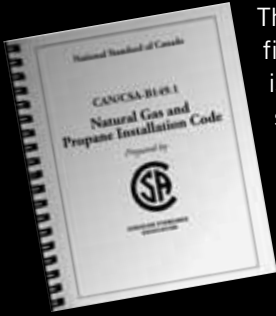
www.ipexinc.com

We build tough products for tough environments®


IPEX

INTRODUCING **SYSTEM 636™**

THE CERTIFIED SYSTEM FOR FLUE GAS VENTING



The use of plastic venting systems on gas fired water heaters, furnaces and boilers is undergoing a significant change. In the summer of 2006 the CSA B149.1 Natural Gas and Propane Installation Code was amended to require all plastic venting materials to be certified to ULC S636. The code change is effective January 1, 2007.

Provincial regulators from across Canada changed the B149.1 Code to make certain that all plastic vent systems are certified to a recognized standard.

So, what certified plastic vent materials are available?

That's where IPEX can help, with our new certified System 636 flue gas venting systems. Only IPEX offers complete certified systems of pipes, fittings and cements meeting the stringent demands of the ULC S636 venting standard. All with the quality, performance and support you've come to expect from IPEX.

One code change, two certified solutions

We offer System 636 in two distinct materials, each with a unique temperature rating. These venting systems are approved as Type BH vents and are designed for negative or positive pressure venting of gas-fired appliances.

System 636 PVC

System 636 PVC is classified as Type BH Class II A vent, suitable for use on appliances with flue gas temperatures up to and including 65°C. Sizes include 1-1/2", 2", 2-1/2", 3"

and 4". Coloured white with unique blue certification markings, System 636 PVC pipe is made to sturdy SCH 40 dimensions to provide a strong, rigid pipe for the application. We offer a full range of System 636 PVC vent fittings and accessories.

System 636 CPVC

System 636 CPVC is classified as Type BH Class II B vent, suitable for use on appliances with flue gas temperatures up to and including 90°C. CPVC sizes include 1-1/2", 2", 2-1/2", 3" and 4". Coloured grey, System 636 CPVC pipe is also made to sturdy SCH 40 dimensions to be tough enough for the application's demands. Our full line of System 636 CPVC fittings are available in SCH 80 dimensions.

System 636 Cements & Primers

Our System 636 PVC & CPVC solvent cements are specifically formulated and certified for flue gas venting applications. We also offer a PVC & CPVC Primer for applications where the gas venting system is to be installed in temperatures below 0°C. And our specialized transition cement is required for transitioning between venting materials and for connection to ABS appliance connectors.



TWO CERTIFIED SOLUTIONS



SYSTEM 636 PVC (rated up to 65°C) SYSTEM 636 CPVC (rated up to 90°C)



Orange warning labels on pipe and fittings are required by ULC S636 and clearly distinguish a certified gas venting system from every day, non-certified plumbing pipe. Look for the orange label and the mark of a recognized certification agency as assurance the system you're using is approved.



SYSTEM 636 BENEFITS

- ✓ Fully certified as a complete pipe, fittings and cement system.
- ✓ 2 system options cover a broad range of operating temperatures.
- ✓ Manufactured and supported by the Canadian PVC & CPVC piping system experts.
- ✓ Available and in-stock today.

IMPORTANT NOTES

DO NOT interchange pipe, fittings, or solvent cements from different BH Vent manufacturers. Exchanging components from various manufacturers voids the IPEX System 636 product certification as well as the product warranty and can cause unsafe and harmful conditions.

IPEX ABS plumbing pipe and fittings do not meet ULC S636 requirements and must not be installed for flue gas venting.

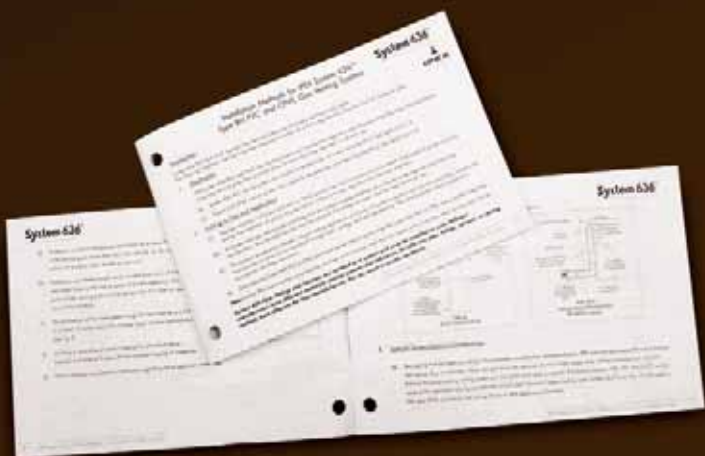
When retrofitting existing water heaters, furnaces or boilers, do not connect System 636 certified vent systems to existing, non-certified appliance vent materials. Replace the entire venting system with listed product to ensure compliance.

Before connecting any piping system to an appliance, ensure you review and follow the manufacturers' installation instructions.

System 636™

FLUE GAS VENTING

SUPPORTING DOCUMENTATION



System 636 Installation Guide

The System 636 Installation Guide is an important requirement of the system certification to ULC S636; IPEX inserts a guide into every carton of System 636 PVC and CPVC 45 degree elbows and the document is also available on-line. The System 636 Installation Guide is a valuable resource that covers product temperature ranges, expansion and contraction issues, pipe supports, cementing procedures, termination assemblies and conditions of acceptance.

System 636 On-line Training

Most installers are used to ABS solvent cementing but are not so familiar with cementing PVC or CPVC. There are important differences and for this reason, IPEX offers an on-line System 636 solvent cementing refresher course covering the methods for solvent cementing PVC and CPVC vent systems. We'll even send you a paper certificate once you've passed the course. Make certain to take the refresher course now so you are familiar with the proper installation of System 636 products.

Take the System 636 training course online or download the Installation Guide from our technical library at:

www.ipexinc.com/product/system636

For more information or to be included on our mailing list for new product announcements, complete this card and fax it back to us at (905) 403-1124.

Name

Title

Dept.

Company

Address

City

Province

Postal Code

Phone

Fax

E-mail

Company classification

- Contractor/Installer
- Distributor/Wholesaler
- OEM
- Builder/Developer
- Engineering Firm
- Utility
- Architect/Design Firm
- Government
- Education
- Other _____

SIC or industry sector:

I am primarily interested in the following (check all that apply):

- System 636™ PVC Flue Gas Venting
- System 636™ CPVC Flue Gas Venting
- PlumbBetter® XPA® Hot & Cold Water System
- PlumbBetter® PEX Hot & Cold Water System
- IPEX System 15® DWV
- IPEX System XFR® 15-50 DWV
- IPEX Firestop Systems
- BlazeMaster®
- Drainway® ABS DWV Systems
- WarmRite Floor®
- PVC Solvent Weld Sewer Pipe & Fittings
- IPEX Solvent Cements & Primers

I would like:

- Information on my closest IPEX System 636 distributor
- Information on becoming an IPEX System 636 distributor

Please send me other information about IPEX products:

- Electrical or Telecommunications Piping Systems
- Industrial Piping Systems
- Municipal Piping Systems
- Irrigation Piping Systems
- PE Electrofusion Systems for Gas and Water
- Hydronic Radiant Heating Systems

www.ipexinc.com/product/system636

fax: (905) 403-1124



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Fax (905) 670-5295

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Fax (514) 337-7886

Saint John

Tel (506) 633-7473 (PIPE)
Fax (506) 633-8720

St. John's

Tel (709) 747-7473 (PIPE)
Fax (709) 368-9111

**Toll free number for
all regions**

1-866-473-9462

www.ipexinc.com/product/system636

About IPEX

IPEX is a leading supplier of thermoplastic piping systems. We provide our customers with one of the world's largest and most comprehensive product lines. All IPEX products are backed by over 50 years of experience. With state-of-the-art manufacturing facilities and distribution centers across North America, the IPEX name is synonymous with quality and performance.

Our products and systems have been designed for a broad range of customers and markets. Contact us for information on:

- Plumbing and mechanical piping systems
- Industrial process piping systems
- Municipal pressure and gravity piping systems
- Electrical systems
- Telecommunications and utility piping systems
- Irrigation systems
- PE Electrofusion systems for gas and water
- Radiant heating systems
- Industrial, plumbing and electrical cements
- PVC, CPVC, PP, ABS, PEX and PE pipe and fittings (1/4" to 48")

WARRANTY: All of the Company's Products are guaranteed against defects resulting from faulty workmanship or materials. The Company will replace, free of charge, including shipping charges for the replacement Products, any Products which are found to be defective in workmanship or material, provided that the following conditions are met:

- a) the Company is promptly notified in writing of such defect immediately upon discovery of same, and the defective Product is promptly returned to the Company;
- b) the defect is not due, without limitation, to faulty installation, misalignment of Products, vibration, ordinary wear and tear, corrosion, erosion, U.V. degradation, incompatible lubricants, pastes and thread sealants, unusual pressure surges or pulsation, water hammer, temperature shocking, or fouling; and
- c) the Products have not been altered or modified after leaving the Company's premises.

The warranty period can be specifically limited for certain Products as stated in writing in the Company's literature.

The Company will not allow claims for labor, materials and/or other expenses required to replace the defective Product, or to repair any damage resulting from the use thereof. The Company disclaims any responsibility for the Purchaser's calculations, product drawings or engineering design specifications. The Company's liability is limited to the purchase price applicable to the product.

It is agreed and understood that the Company's liability in respect to the sale is strictly limited to the replacement of Products as hereinbefore specified and that the Company shall not, in any event, be liable for any damages whether for the loss of use or business interruption or any other claim for incidental, consequential, special or punitive damages. There is no warranty, condition or representation of any nature whatsoever, expressed or implied, by statute or otherwise, except as herein contained, and the Company disclaims any implied warranties of merchantability and/or fitness of its Products for a special purpose.

This literature is published in good faith and is believed to be reliable. However, IPEX does not represent and/or warrant in any manner the information and suggestions contained in this brochure. Data presented is the result of laboratory tests and field experience.

IPEX maintains a policy of ongoing product improvement. This may result in modification of features and/or specifications without notice.

