



10 Danforth Street  
Portland, ME 04101  
Ph : (207) 773-3625

**Submittal**

**Job:** 1332  
Press Hotel  
390 Congress Street  
Portland, ME 04101

**Spec Section No:** 15000  
**Submittal No:** 003  
**Revision No:** 2  
**Sent Date:** 6/11/2014

**Spec Section Title:** Heating, Venting, Air Conditioning and Plumbing Systems  
**Submittal Title:** VE Boiler Breaching Data Rev 02

**Contractor:**  
Wright-Ryan Construction, Inc.

**SUBMITTAL REVIEW:**  
Reviewed for general conformance with the design concept and contract documents. Markings or comments shall not be construed as relieving the Subcontractor from compliance with the project plans and specifications, nor departure therefrom. The Subcontractor remains responsible for details and accuracy, for conforming and correlating all quantities and dimensions, for selecting fabrication processes, for techniques of assembly and for performing the work in a safe manner.  
WRIGHT-RYAN CONSTRUCTION, INC  
BY: RRC DATE: 6-11-14

**Architect (Primary):**  
Archetype PA  
Kevin Gough

Architect's Stamp

Engineer's Stamp

Project Name: Press Hotel, Portland, Maine

Architect: Archetype Architects  
48 Union Wharf  
Portland, Maine 04101

Contractor: Wright Ryan Construction, Inc.  
10 Danforth Street  
Portland, Maine 04101

Subcontractor: Warren Mechanical, Inc.  
P.O. Box 149  
Westbrook, Maine 04098-0149

Supplier: Power & Process, Inc.  
P.O. Box 7056  
Prospect, Ct. 06712

Manufacturer: PolyPro

Section: Boiler Breeching (VE) **RESUBMITTAL**

Contractor Review

Architect's Review



We are proud that **InnoFlue®** conforms to:

**UL-1738**  
**ULC-S636**



## JANUARY 2012

# Product Catalog & Dimensional Data

**InnoFlue® SW, Flex & Concentric**

Single Wall Rigid, Flexible & Concentric Polypropylene

*Category II, III & IV Special Gas Vent • Gas Vent BH, Class IIC*

Centrotherm Eco Systems, LLC • 75 Champlain Street • Albany, NY 12204

Toll Free: 877 434 3432 • Fax: 518 618 3166 • [info@centrotherm.us.com](mailto:info@centrotherm.us.com) • [www.centrotherm.us.com](http://www.centrotherm.us.com)


# InnoFlue®

## The Intelligent Alternative to PVC & CPVC

Across North America, home owners, building owners, contractors, distributors, engineers and original equipment manufacturers are asking for InnoFlue®. These stake holders trust InnoFlue® to provide them with a **safe, reliable and environmentally sustainable vent system**. InnoFlue® provides these benefits all while reducing installation time by up to 75%.

InnoFlue® is manufactured from **environmentally friendly polypropylene**. Our polypropylene technology is warranted and listed for **sustained flue gases up to 230°F (110°C)**, providing enhanced performance properties. Designed, tested and listed as a vent system, not a DWV product, InnoFlue® offers intuitive components such as test ports, condensate drains and siphons, in addition to marketing and technical support.

Centrotherm is proud to offer the most comprehensive line of polypropylene venting available.



	InnoFlue®	PVC	CPVC
<b>Chemical Resistance</b>			
Aromatic Hydrocarbons	✓	✗	✗
Sulfuric Acid	✓	✗	✗
Hydrochloric Acid	✓	✗	✗
<b>Working temperature</b>	0°C (32°F) - 120°C (248°F)	15°C (50°F) - 65°C (149°F)	15°C (50°F) - 90°C (194°F)
<b>Softening temperature</b>	150°C (302°F)	80°C (176°F)	128°C (263°F)
<b>Safe &amp; healthy production</b>	✓	✗	✗
<b>Leaching of chlorides</b>	✗	✓	✓
<b>Fully recyclable</b>	✓	✗	✗

# Why InnoFlue®?

## Ease of Installation

- **Integrated gasket system** allows for immediate use of appliance upon installation and post-installation adjustments
- Gasketed polypropylene allows for **faster, cleaner, V.O.C.-free installation**
- No **fit up, couplers, primer or adhesives** needed
- Light weight makes for **easy handling and rapid installation**

## Health and Safety

- Safe performance at sustained flue temperatures **up to 230°F (110°C)**
- Listed at **zero clearance to combustibles**
- **UL-1738, ULC-S636 & CE EN-14471** listed
- Polypropylene is environmentally-friendly and **100% recyclable**
- **Industry leading wall thickness** provides enhanced durability
- **Chloride free**

## Warranty & Reliability

- Manufacturer-supported and guaranteed with an **unprecedented 10-year limited warranty**
- Enhanced corrosion resistance allows for **use with oil, propane, and gas fired appliances**
- **Over 17 years** of field service history

## Product Approvals

Since 2010, InnoFlue® has been approved for use by over 30 North American manufacturers of boilers, water heaters and furnaces. For a complete listing of heating appliance manufacturers who have approved InnoFlue®, visit [www.centrotherm.us.com/appliance-approvals](http://www.centrotherm.us.com/appliance-approvals). To obtain a listing of specific appliances with required appliance adaptors contact your local manufacturer's representative or contact Centrotherm.

## ••• Listings

Centrotherm is proud to conform to **UL-1738, ULC-S636** and **CE EN 14471**



safety standards for our InnoFlue® brand of single wall, flexible and concentric vent systems. InnoFlue is approved for use in the United States, Canada and most European Countries.

**Intertek**

InnoFlue® is the **only polymeric vent system to be listed by an accredited third party to the rigorous U.S. safety standard, UL-1738**. InnoFlue® is UL and ULC listed by Intertek under the ETL mark. For more information on our listings, visit [www.intertek.com](http://www.intertek.com)

**UL-1738  
ULC-S636  
CE EN 14471**

