

Z-VentBLU®



THERMAL PERFORMANCE VENTING

For the safety of both property and occupants proper venting of condensing gas-fired appliances is critical

For an added safety margin and peace of mind install Z-VentBLU®

With plastic vent material over time scaling, poor combustion, elevated temperatures and lack of maintenance can cause appliance flue gas temperatures to rise above safe operating temperatures

Z-VentBLU® a stainless steel vent independently listed by Underwriters Laboratories to UL1738 & ULC-S636 vent standards is rated for a maximum flue gas temperature of 550°F where similarly listed PVC is only rated to 149°F



**FOR USE WITH
COMMERCIAL
& RESIDENTIAL
BOILERS**



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Significant Advantages

THERMAL PERFORMANCE

Z-VentBLU® offers increased thermal performance with added safety, when compared to PVC or CPVC flue gas vent.

Z-VentBLU® is listed to both UL1738 & ULC-S636 flue gas vent standards to a maximum flue gas temperature of 550°F (288°C).

Most PVC & CPVC flue gas vent is approved as plumbing products to convey water **NOT** flue gas. When PVC & CPVC are approved to UL1738 and/or ULC-S636 vent standard(s) the maximum flue gas temperature is limited to 149°F (65°C) for PVC or 194°F (90°C) for CPVC which is **SIGNIFICANTLY** lower than Z-VentBLU® maximum flue gas temperature of 550°F.

GASKETED JOINT

Z-VentBLU® incorporates a factory installed self-sealing gasket providing a pressure rated seal.

PVC & CPVC require field applied primers and glue with added installation and cure times as compared to Z-VentBLU®.

REDUCED THERMAL EXPANSION

Z-VentBLU® stainless steel has 3 to 4 times less thermal expansion when compared PVC & CPVC.

PVC & CPVC higher thermal expansion exerts longitudinal and radial stresses on glued joints which can lead to cracking.

WARRANTY

Z-VentBLU® carries an 10 year limited warranty.

PVC/CPVC flue gas vents NOT listed to UL1738 or ULC-S636 vent standards DO NOT offer any warranty as they are NOT installed according to pipe manufactures intended purpose a plumbing product used to convey water.

NON-COMBUSTIBLE

Z-VentBLU® is Non-combustible where PVC and CPVC is combustible when burned as it outgases harmful fumes.

RECYCLABLE

Z-VentBLU® metallic vent is recyclable . PVC/CPVC is NOT recyclable.

The information provided within is for informational purposes only. We have made every effort to ensure the accuracy of the provided information and assume no responsibility for any loss or damage due to errors or omissions or to the use or misuse of any information supplied. It is impossible to test all products under all conditions to which they might be subjected in the field. It is therefore the buyer and/or end users' responsibility to test all products under the conditions that duplicate the service conditions prior to installation. All improvements, all specifications are subject to change without prior notice. It is the buyer and/or end users' responsibility to review our complete **Terms and Conditions of Sale** located on our web sites at: www.novaflex.com | www.z-flex.com | www.flexmaster.com

Z-Flex® Stainless Steel Vent Systems have a proven track record of over 40 years of field service.

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