



# SMART *Brief*

T E C H N I C A L B U L L E T I N

**DATE:** Thursday, March 17<sup>th</sup>, 2011                      No: 023-SB-110317  
**TO:** Contractors & Distributors                      Page 1 of 2  
**FROM:** Metro Technical Services Division  
**SUBJECT:** METRO SMARTVENT DIVERTER DETAILS – HIGH WIND CONDITIONS

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Metro SMARTvent: - Wind Diverter

Metro recommends all SMART-Vents installed in high wind areas, be installed with a diverter across the front face of the SMART-Vent as shown on the attached images.

The Diverter is a 43-inch long piece of Metro stone-coated (Small) Z-Bar Metal positioned as shown on the attached images, with a minimum of three (3) screws across the face screwed into the front down-turned nose of the SMART-Vent & Metro carrier panel. Make sure that during installation in high-wind or Wind Driven snow areas the “Bug-Screen” material is correctly positioned and runs the entire length of the SMART-Vent intake/exhaust opening.

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**Metro Z-BAR used as a DIVERTER**

Metro (Small) Z-Bar Metal cut to fit across the front face of the SMART-Vent approximately 43-inches long



**Metro Z-BAR DIVERTER INSTALLED onto SMART-Vent**

Metro (Small) Z-Bar Metal installed with stone-coat side facing down the roof (as shown). Position Z-Bar so it creates the biggest gap from the Z-Bar to the perforated SMART-Vent holes as shown.



**Metro Z-BAR SMART-Vent DIVERTER fastener location points**

Fasten Metro (Small) Z-Bar Metal with a minimum of three (3) screws across face of Z-Bar as shown. Heavy snow may require more fasteners.



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