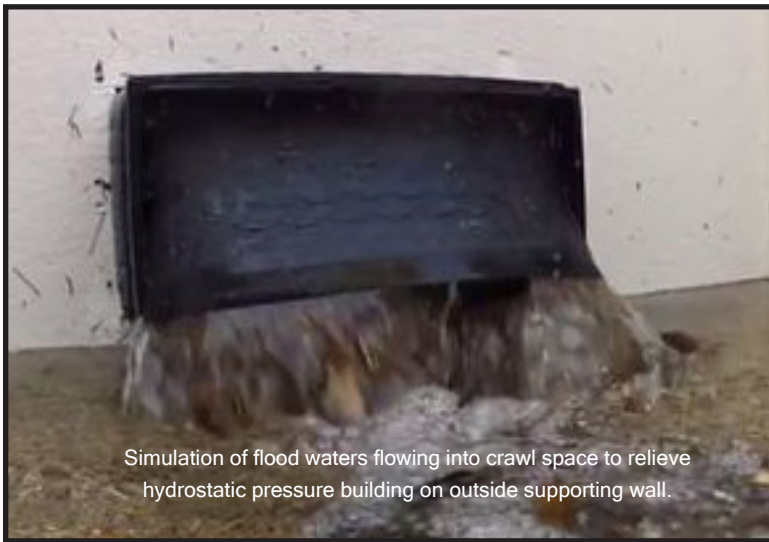
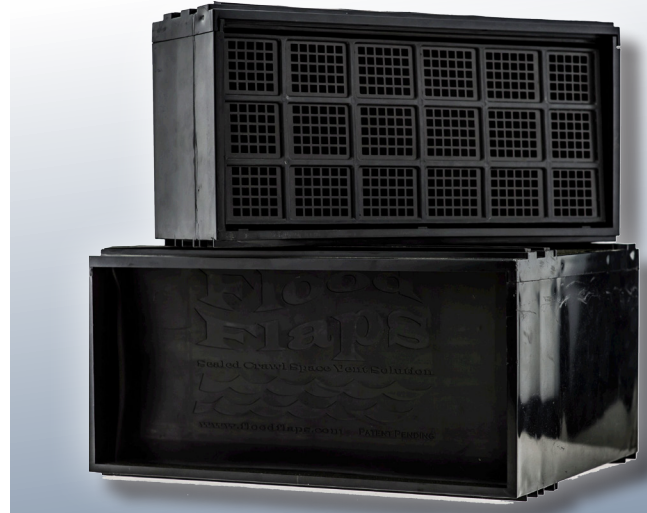


Flood Flaps® certified flood vents are engineered to provide efficient flood relief to structures with enclosed areas by quickly equalizing hydrostatic flood pressure.

Flood Flaps® Sealed Series vents are perfectly designed for a conditioned enclosure application located within a floodplain. This certified series of Flood Flaps® flood vents is FEMA accepted and assured to keep air and moisture out of a conditioned crawl space or garage while still providing efficient flood relief when necessary. The two rubber flaps and grill remain closed and secure until forced open by flood waters, allowing water to enter or exit the enclosed area. Certified flood debris clearance is validated with a 5.75" opening when the rubber flaps and grill are activated.



Simulation of flood waters flowing into crawl space to relieve hydrostatic pressure building on outside supporting wall.



Simulation of flood waters flowing from crawl space to the outside to equalize water pressure under building. The patented construction allows water to flow in both directions.

Why Flood Flaps?

- Savings on NFIP flood insurance premiums
- FEMA accepted
- Allows water to enter or exit an enclosure
- Protects home by sealing out air, moisture and humidity
- Protects 220 sq. ft. of enclosed area, more than all other certified vents
- Will not rust or pit, no maintenance, rinsing or lubricating required
- Pest and debris resistant in non-flood situations
- Helps reduce energy costs

Protect your home, reduce your energy cost, lower your flood insurance premiums...install Flood Flaps Engineered Flood Vents!!

Compliant with FEMA TB-1, 2009/2012 IBC, 2009/2012 IRC, and ASCE 24-05

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ESR-3560

Sealed Vent Series

Model # 12":
Model # 8":
Model # 5":

FFWF12
FFWF08
FFWF05

Flood Flaps



Model #	FFWF12	FFWF08	FFWF05
Depth	12"	8"	5"
Dimensions	15 5/8" x 7 3/4"	15 5/8" x 7 3/4"	15 5/8" x 7 3/4"
Rough Opening	16" x 8"	16" x 8"	16" x 8"
Enclosed Covered Area	220 sq. ft.	220 sq. ft.	220 sq. ft.
Installation Type	Block w/ Brick Skirt	Block or Masonry Wall	Stud Wall
Material	UV resistant black ABS plastic		
Components	Plastic grill with anodized metal screen, two rubber flaps		
Color	Black (Standard), Others available upon request		

As flood waters rise, hydrostatic pressure builds around the home's foundation. Flood Flaps® patented grill and rubber flaps give way to the pressure of the flood waters, allowing water to enter or exit the enclosed area as necessary. Unlike other flood vents or traditional air vents, our collapsing components allow yard debris and/or trash (up to 5.75") to pass through as well. This is extremely important. As flood waters tend to rise rapidly, clogged flood vents or traditional air vents will often clog with debris and trash, thus preventing water from entering the enclosed area and subjecting it to potential collapse. When not subjected to rising water, it takes roughly 15 lbs. of pressure to force the grill out of its secured position.

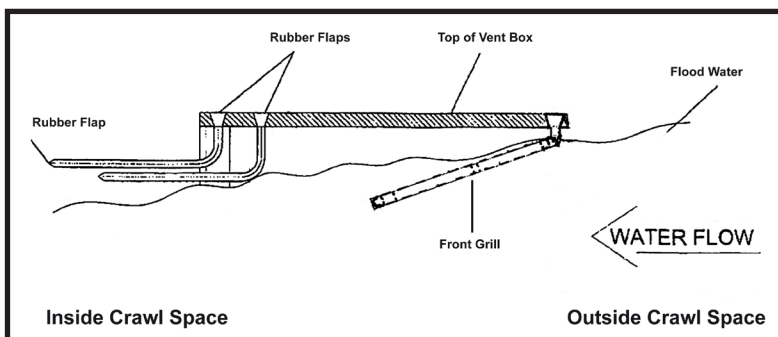
Additional Benefits:

Flood Flaps® flood vents help home owners maintain an aesthetically pleasing look by protecting almost four times the amount of enclosed area that non-compliant vents protect. Each Flood Flaps® engineered flood vent covers 220 sq. ft. of enclosed area. Flood Flaps® flood vents are also stackable, another feature which can help to preserve a home's elegance.

Flood Flaps® Sealed Series engineered flood vents can contribute toward achievement of credits for LEED-NC certification. Our flood vents use two rubber flaps to seal out air and moisture to ensure the enclosure remains conditioned and airtight. Make sure to specify and install Flood Flaps® Sealed Series engineered flood vents into residential or commercial new construction plans.

Unlike other certified flood vents, our vents don't require any rinsing, lubricating or other routine maintenance tasks. Flood Flaps® flood vents are easy to install and prevent debris and pests from accessing enclosed areas.

Due to increased NFIP flood insurance rates from the massive Hurricane Sandy rebuild movement, flood vent retrofit projects are rapidly increasing for homeowners across the country. Once flood vents are installed, insurance agents are requiring homeowners to get a new Elevation Certificate showing the home's lower risk, which may result in a lower premium.



Be Smart... Reduce Your Premium...

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Make sure your home has Flood Flaps® certified engineered flood vents.