Bath/Dryer Vent

Kynar Finish

LIFETIME TOOL® & BUILDING PRODUCTS LLC
A HIGHER STANDARD FOR ROOFING COMPONENTS

PRODUCT DESCRIPTION

The **Bath/Dryer Vent** is a high-performance plumbing vent flashing designed for use on shingle, shake, flat tile, slated or synthetic shingled roof system. The **Bath/Dryer Vent** is a patent pending design that features a 24ga galvanized Kynar base plate, creating a seamless transition from the roof deck, while the cap features a high temperature ASA polymer, covered by a 24ga Kynar cap that includes an anodized aluminum damper. This damper rests on an angled base of ASA polymer that includes EPDM noise bumpers to reduce damper clatter as well as a wind wall to allow for possible condensation to prevent damper freezing. Combined, these part create the **Bath/Dryer Vent** that is rated for 110MPH for wind driven rain.

INSTRUCTIONS FOR USE / RECOMMENDATIONS

The **Bath/Dryer Vent** is sized for either a 4" or 3" PVC or ABS pipe. Measure the pipe to be vented to determine if you will need the included 4" to 3" adapter. Included with the **Bath/Dryer Vent** is a 6" long down pipe. Place the down pipe in the bottom of the **Bath/Dryer Vent** and line up the five (5) button punches and push firmly until you hear a click. This will allow the **Bath/Dryer Vent** to easily be connected to the existing vent pipe. Please note that the cap of the **Bath/Dryer Vent** can easily be removed by removing two oxide stainless steel screws on the sides, making this ideal for easy cleaning and annual maintenance if used as a dryer vent. If used as a bath vent, a bird/rodent/insect screen is included and can easily be snapped in either before or after installation.

BENEFITS

• Larger base plate to ensure a weathertight installation
• Cap & Plate made from 24GA galvanized steel with a Kynar paint finish for added protection
• ASA polymer sub cap and structured base for strength and heat deflection
• Wind wall designed in the structure base prevents wind driven rain in excess of 110MPH
• Weep holes designed in the wind wall allow condensation drainage out and away from the vent
• Gold anodized damper mounted on a passivated stainless-steel axle prevents corrosion and rust
• EPDM bumpers prevent damper "clatter"
• Removeable cap makes this unit the **ONLY** cleanable unit on the market
• 50-year warranty

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Specific Data

Materials

Materials Plate & Cap

24ga galvanized steel manufactured in accordance with ASTM A 653-09, coated with a Kynar (PVDF) paint finish top side, consisting of 0.7 to 0.8 of a mil with 0.2-0.3 mil primer on the underside.

Physical

	Nominal Value	Test Method
Density	1.07g/cm^3	ISO 1183
Melt Mass-Flow Rate (230 °C/3.8kg)	0.305in$_3$/10min.	ISO 1133
Molding Shrinkage	0.50 to 0.90%	ISO 294-4
Water Absorption E Equilibrium @ 73°F	0.35%	ISO 62

Mechanical

Tensile Modulus @ 73° F	363,000psi	ASTM D638
Tensile Stress (break) @ 73°F	7,830psi	ISO 527-2
Tensile Strain (break) @ 73°F	3.4%	ISO 527-2
Flexural Creep Modulus @ 73°F	181,000psi	ISO 899-1
Flexural Stress @ 73°F	116,000psi	ISO 178

Impact

Charpy Notched Impact Strength @ 73°F	7.1 ft lb/in^2	ISO 179

Hardness

Ball Indentation	12300psi	ISO 2039-1

Thermal

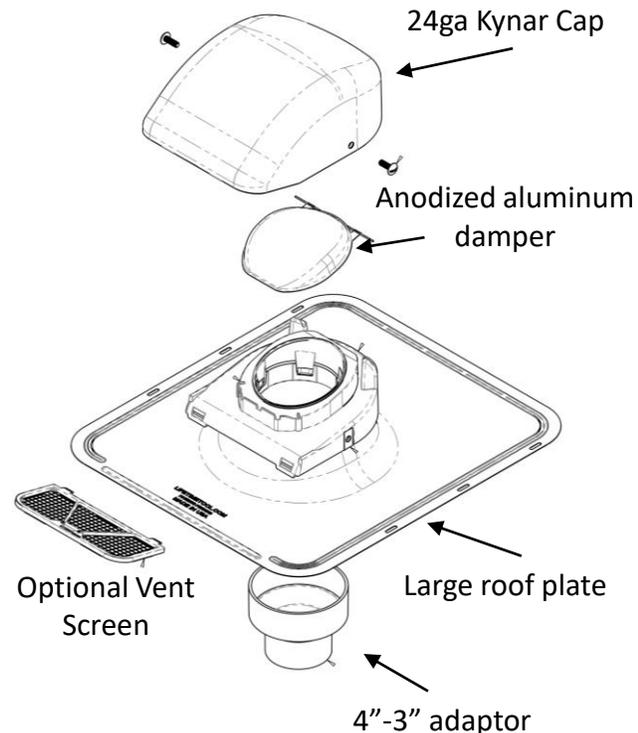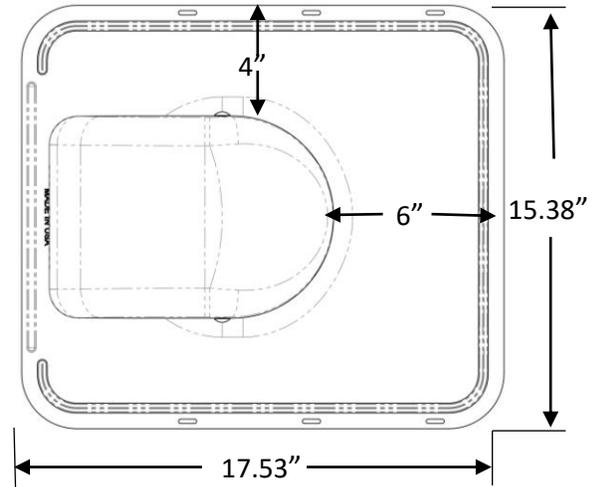|		
Heat Deflection Temp 66psi (.45 MPa)	223°F	ISO 75-2/B

Packaging

One (1) per box with installation instructions, a 6" long galvanized 4" extension and a 4" to 3" reducer in the box.

Dimensions of Packaging

18"L x 16"D x 7"W	6.2lbs.

Notes

All parts assembled in the U.S.A.
Patents Pending

4"
6"
15.38"
17.53"

24ga Kynar Cap

Anodized aluminum damper

Optional Vent Screen

Large roof plate

4"-3" adaptor

Applicable Testing:	**ASTM E 166-18**	Wind and Wind Driven Rain Performance Test (exceeded 110MPH)
	T151-18	Air Flow Test (Pressure drop through various vents)
	T133-19	Air Flow Performance Test
	Florida TAS 100-95	Test procedure for wind and wind driven rain resistance (110+MPH)

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