



Joto-Vent System[®]

Continuous Perimeter Foundation Vents

45-year track record
5 million homes

AIA
Continuing
Education
Provider

ICC
ES
ESR-4161



Architectural
Covering

Joto-Vent



Maintain the life of your home with the Joto-Vent System®

The Joto-Vent perimeter venting system and its covering offer an efficient and low-profile ventilation solution for your crawl space.



Get a Finished, Clean Architectural Look

The 2 part Joto-Vent System® includes the vent portion and the custom coverings that are installed over the vent, resulting in a clean visual look.



Support Natural Air Flow & Ventilation

Installed around the complete perimeter of the crawl space foundation, the Joto-Vent System® maximizes cross ventilation and natural air flow, preserving the lifespan of your home's wooden frame.



Maintain Your Home's Structural Integrity

The Joto-Vent System® eliminates the need for vent holes installed in the concrete foundation or cut into the structural framework of the rim joist maximizing the strength & performance of your home's structure.





The Joto-Vent System®

Crawl Space

Premium Covering



Premium Covering is an extruded 0.472" (1.2mm) aluminum covering conforming to ANSI H35.1. It acts as a cover for the Joto-Vent and a seat for the exterior wall sheathing.

Joto-Vent



The primary component of the Joto-Vent System is a molded calcium carbonate and polyolefin resin composite (JC). KP-L102U is used for 2 x 4 stud walls and KP-L150U for 2 x 6 and 2 x 8 stud walls. Their ventilation opening areas are an identical 4.81 in²/ft (102 cm²/m). This is the primary component of the Joto-Vent System.

Architectural Covering



The Joto-Vent Architectural Covering component is a molded galvanized steel plate conforming to ASTM A792 (JIS G3322). It acts as the cover for the Joto-Vent and the seat for the exterior wall sheathing. Pre-attached double-sided tape affixes the lower end of the exterior wall paper wrap.





**Slab
(Garage)**

(Optional)

Reinforcement-block

The primary use is to provide more reinforcement against the compression point at the foundation where a heavy vertical load from a post is applied. Consult with a structural engineer for advice on how best to use the block.



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(Optional)

Air-blocking

For Garage / Entry / Slab-on-grade

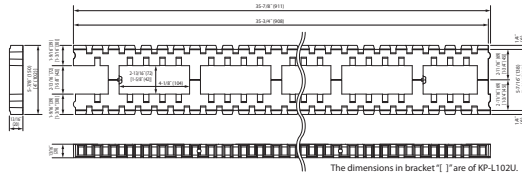


Air-blocking is an optional accessory for the Joto-Vent System which is used to create an air barrier between the garage and the crawl space. Use of Air-blocking also allows for continuous use of Joto-Vent and consistent height around the entire perimeter of the foundation, including areas that do not require ventilation.



Joto-Vent (Net-Free Ventilation Area (NFVA): 4.81 in²/ft)

KP-L102U • KP-L150U



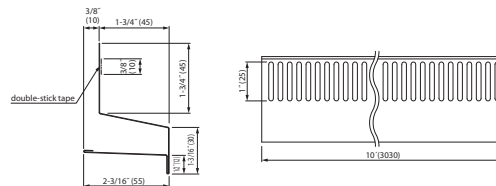
TECHNICAL SPECIFICATION

- **Ultimate compression load for Joto-Vent KP-L150U**
Approx. 168000 lb/piece (56000 plf*)
- **ICC-ES approved maximum allowable compression load for Joto-Vent KP-L150U**
7140 plf*
*plf = pounds per linear foot
- See our ICC-ES and IAPMO UES reports for details.

Product no.	KP-L102U
Sill plate	2 x 4
Color/pattern	Black
Dimensions	4" x 3' x 3/4" (102 x 908 x 20mm)
Material	JC
Package	20 pieces/box
Product no.	KP-L150U
Sill plate	2 x 6, 2 x 8
Color/pattern	Black
Dimensions	6" x 3' x 3/4" (150 x 908 x 20mm)
Material	JC
Package	20 pieces/box

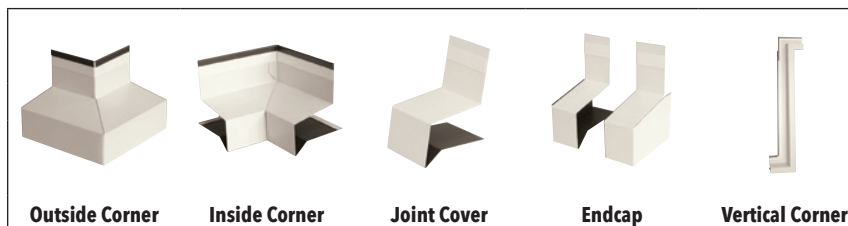
Architectural-covering

WACF-U45 (Net-Free Ventilation Area (NFVA): 5.73 in²/ft (121 cm²/m))



Product no.	WACF-U45-WT/BK
Dimensions	1-3/4" x 10' (45 x 3030mm)
Color	White/Black
Material	28-gauge galvanized steel (colored galvalume)
Package	10 pieces/box
Min ventilation opening	1/8 inch

Accessories



Outside Corner

Inside Corner

Joint Cover

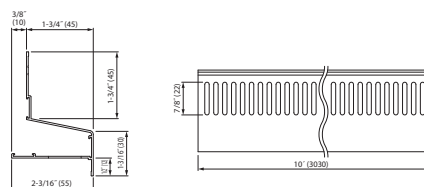
Endcap

Vertical Corner

	Product No	Package
Outside corner	WACF-U45CO-WT/BK	5 pieces/box
Inside corner	WACF-U45CI-WT/BK	5 pieces/box
Joint cover	WACF-U45JC-WT/BK	20 pieces/box
Endcap	WACF-U45EC-WT/BK	5 sets/box
Vertical corner	Right	WACF-U45VCR-WT/BK 10 sets/box
	Left	WACF-U45VCL-WT/BK 10 sets/box

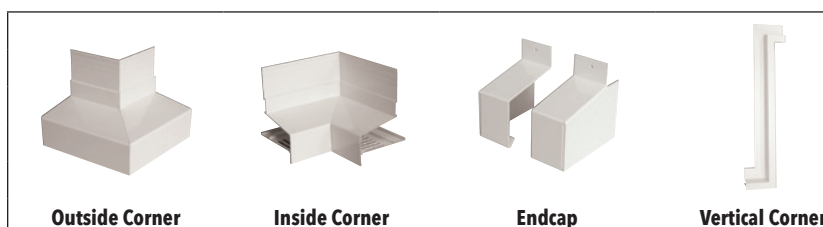
Premium-covering

WPCA-U45 (Net-Free Ventilation Area (NFVA): 5.73 in²/ft (121 cm²/m))



Product no.	WPCA-U45-WT
Dimensions	1-3/4" x 10' (45 x 3030mm)
Color	White
Material	17-gauge aluminum
Package	10 pieces/box
Min ventilation opening	1/8 inch

Accessories



Outside Corner

Inside Corner

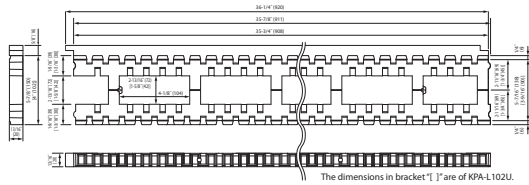
Endcap

Vertical Corner

	Product No	Package
Outside corner	WPCA-U45CO-WT	5 pieces/box
Inside corner	WPCA-U45CI-WT	5 pieces/box
Joint plate	WPCA-U45JP	40 pieces/box
Endcap	WPCA-U45EC-WT	5 sets/box
Vertical corner	Right	WPCA-U45VCR-WT 10 sets/box
	Left	WPCA-U45VCL-WT 10 sets/box

(Optional) **Air-blocking**

KPA-L102U • KPA-L150U



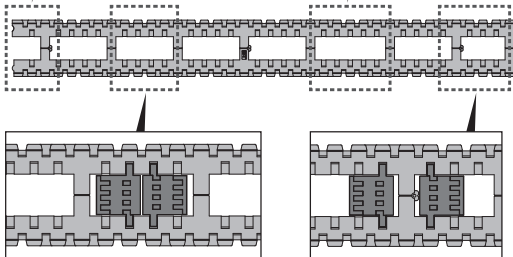
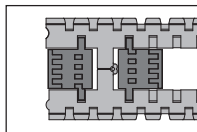
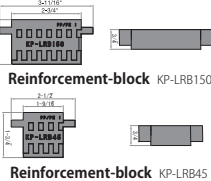
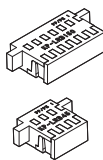
TECHNICAL SPECIFICATION

- **Ultimate compression load for Joto-Vent KP-L150U**
Approx. 168000 lb/piece (56000 plf*)

Product no.	KPA-L102U
Sill plate	2 x 4
Color/pattern	Black
Dimensions	4-5/8" x 3' x 3/4" (118 x 908 x 20mm)
Material	JC
Package	20 pieces/box
Product no.	KPA-L150U
Sill plate	2 x 6, 2 x 8
Color/pattern	Black
Dimensions	6-1/2" x 3' x 3/4" (166 x 908 x 20mm)
Material	JC
Package	20 pieces/box

(Optional) **Reinforcement-blocks**

KP-LRB150 • KP-LRB45



Top side surface area --- KP-LRB150 : 4.96 sq.in (32.0cm²) /piece

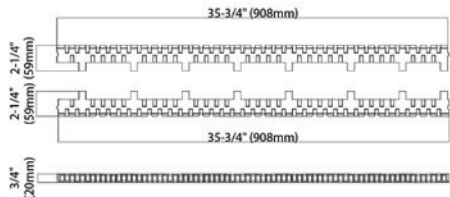
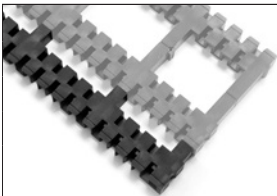
Product no.	KP-LRB150 Designed for use with KP-L150U
Color/pattern	Black
Dimensions	3-11/16" x 1-3/4" x 3/4"
Material	JC
Package	50 pieces/box
Allowable load per block	5,470 lbs*
Product no.	KP-LRB45 Designed for use with KP-L102U
Color/pattern	Black
Dimensions	2-1/2" x 1-3/4" x 3/4"
Material	JC
Package	50 pieces/box
Allowable load per block	3,208 lbs*
Installation method	Install the products by placing them into the Joto-Vent (sold separately) that requires compression load reinforcement.

◀ **Sample layout drawings**

* Consult with a registered design professional for advice on how best to use the block.

(Optional) **Joto-Vent Extension Strip**

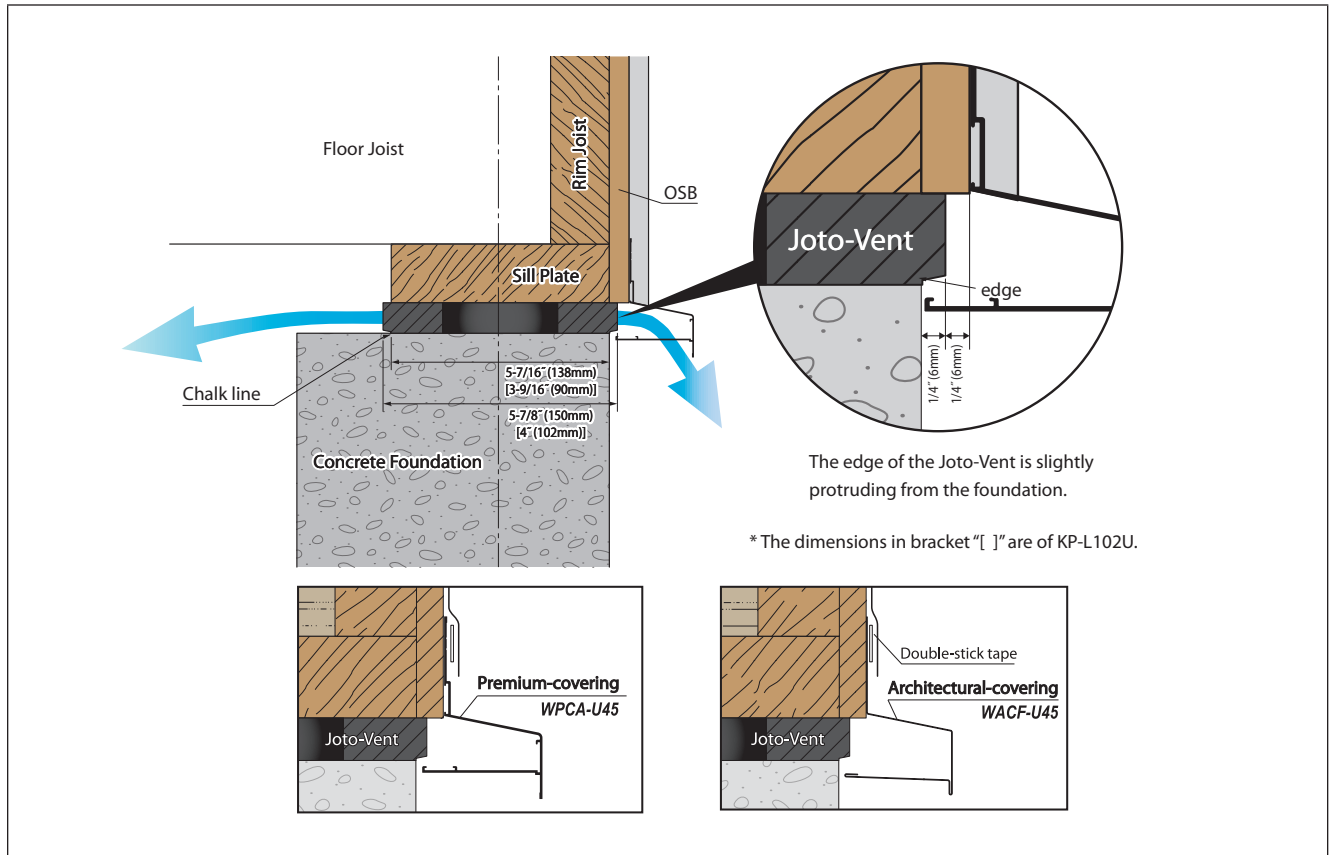
KP-L60UH



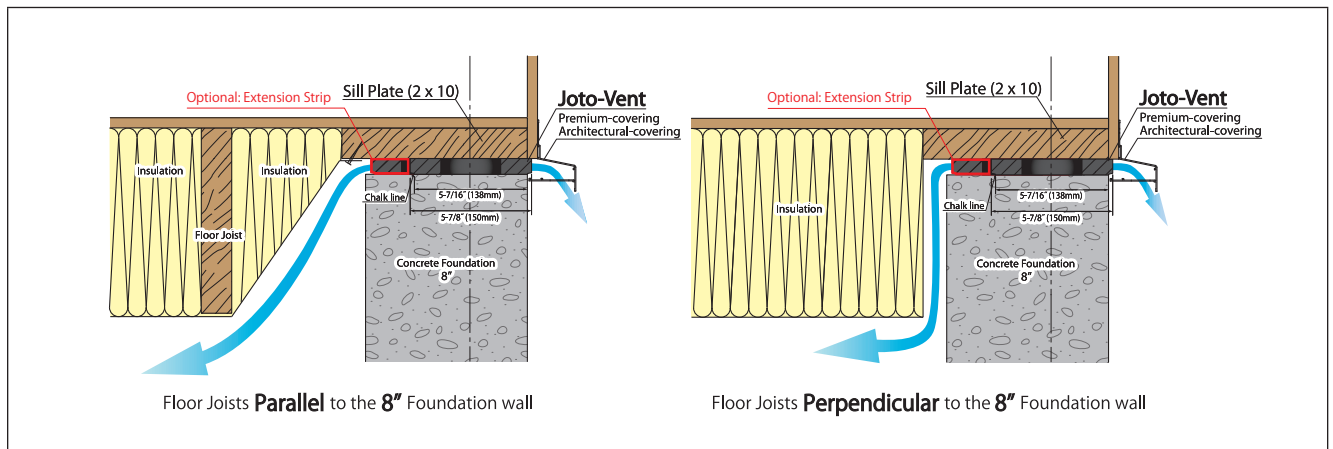
The KP-L60UH Extension Strip is an optional accessory to be used with the KP-L150U to provide additional support on the interior side of 8" foundations using a 2x10 sill plate. This product is not currently certified or meant to be used as a structural member.

Product no.	KP-L60UH
Color/pattern	Black
Dimensions	2-1/4" x 3' x 3/4" (59 x 908 x 20mm)
Material	JC
Package	20 pieces/box

Installation Diagram



Reference diagrams for dropped floor applications



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