



## What Makes Us Different:

Available in over 25 designer colors. Mix and Match panel, trim, gutter & downspout.

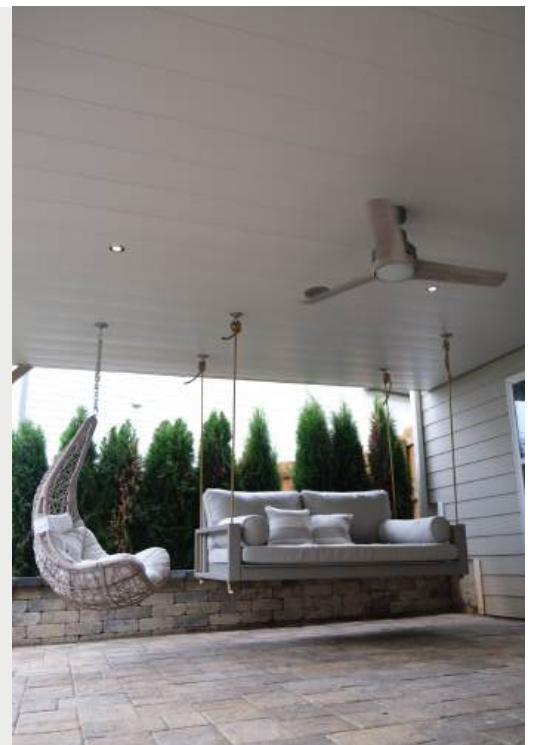
Use our Color Visualization Tool at [havenunderdeck.com](http://havenunderdeck.com) to create your outdoor haven.

The **HAVEN underdeck system** is designed so that any panel may be removed without disturbing the adjacent panels. The material is an all aluminum construction.

Every major underdeck component is **precision manufactured** for your deck.

Our underdeck incorporates a pitch into the gutter for the **most effective drainage**.

Our underdeck system does not attach to the deck above which allows free flow of water and debris to minimize blockage.



855.238.5695  
[havenunderdeck.com](http://havenunderdeck.com)



# How To Install The System:



## 1 Determine Gutter and Wall Channel Pitch

- Using laser level mark the corners of the deck. If the deck is more than 300ft the system requires 2 downspouts, mark the middle post,
- At the high side of the system on each corner measure the distance between the level line and the bottom of the deck
- Using the smallest measurement subtract 3". This will be the high point or rear wall channel height
- Calculate 1/8" per linear foot of deck i.e. 16' deck = 2" of fall
- Subtract calculation from rear wall channel height and mark. This is the high side of the gutter
- Measure 3 1/2" below the line and make a mark. This is bottom of the gutter
- Calculate the low side of the gutter by using the formula 1/16" per foot
- SEE INSTALL VIDEO 1

## 2 Install Wooden End Caps and Gutter Support Boards

- Wooden end caps can be cut on angle to match the pitch or left complete. Using 3" ACQ rated screws install wooden end cap under outside edge of existing band
- Gutter support board height is figured by measuring from bottom of the deck to the mark you made representing the bottom of the gutter
- Install wooden end caps and gutter support boards to deck posts using 3" ACQ rated screws
- SEE INSTALL VIDEO 1

## 3 Installing Wall Channels and Gutters

- Install gutters being sure to stay on your line. Flat or low spots collect trash
- Install wall channels around perimeter being careful not to over tighten the 1 1/4" ACQ rated screws
- Miter corners being sure to overlap top of wall channel and screw together
- Do not extend the wall channel past the top lip of the gutter
- SEE INSTALL VIDEO 2

## 4 Seal and Water Test

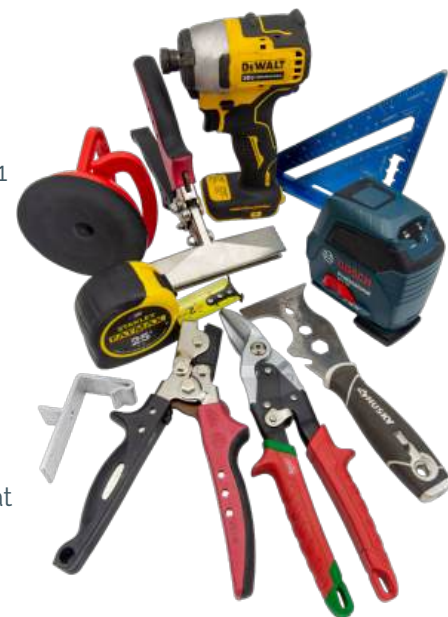
- Seal all gutters and wall channels with 100% silicone based sealant, Geocell 2300 is the recommended sealant
- Using small spray bottle test perimeter. It is easier to test and fix any issues at this point in the install
- SEE INSTALL VIDEO 2

## 5 Installing Ceiling Panels

- Front of the panel cut 3/4" slits on both sides then fold the middle down and back on to itself leaving a 1/8" gap
- Cut to length measuring from the inside lip of the gutter to the rear wall then add 3/4"
- Cut and bend 3/4" of the rear of the panel up. Do not seal
- Measure each panel individually because most decks are out of square and sizes may vary
- Slide front of panel past gutter resting it on the gutter lip. Pull panel into wall channel. Each panel over laps previous panel. Panels that are longer than 10 ft must have safety bracket installed
- SEE INSTALL VIDEO 3

## 6 Installing last 2 panels

- Install last panel into wall channel leaving a gap for next to last panel to fit
- Slide next to last panel in place. Using a suction cup makes it easier but is not necessary
- SEE INSTALL VIDEO 5



\* When installing a cantilevered deck install 2 separate systems with gutters on both sides of the beam. Also install and seal metal flashing between joists above beam. Trim out the area between posts with aluminum U channel or wood.