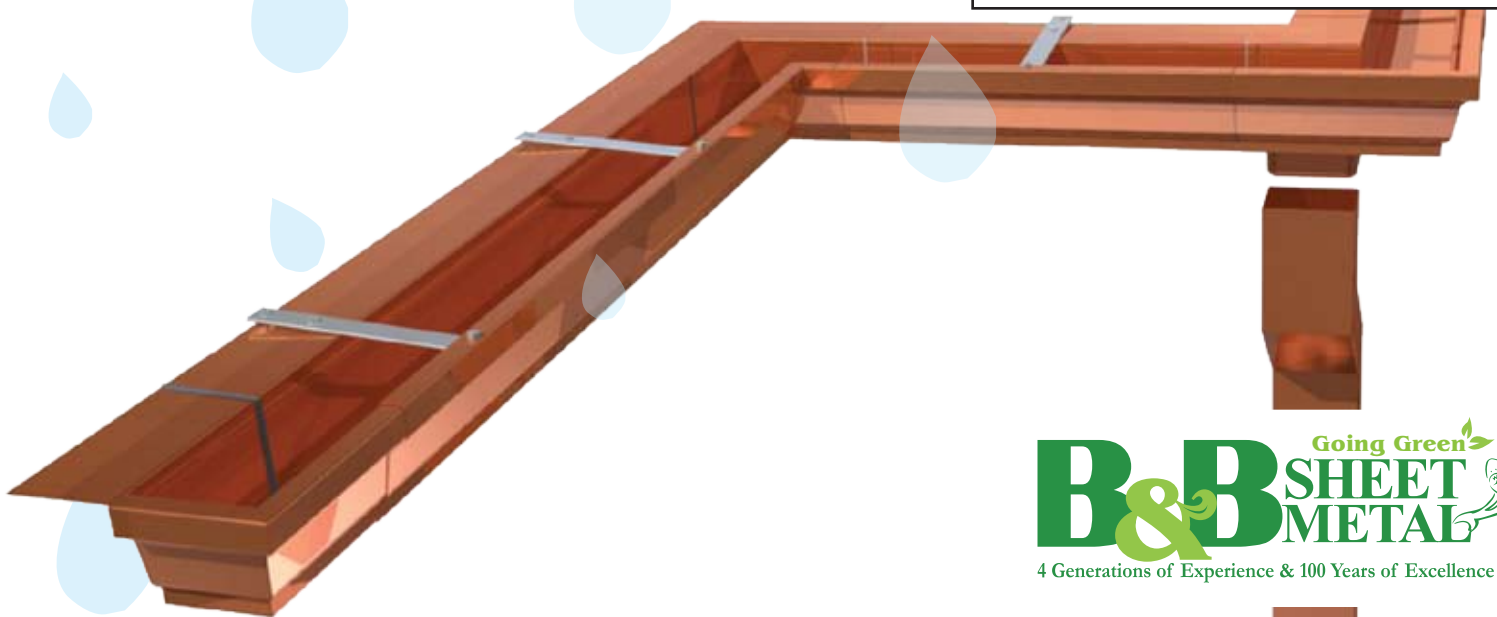


Gutter Systems

Gutters are metal channels that are attached to the edges of structures with down slopes. They enable water to escape via leaders and downspouts, preventing water from pooling on rooftops and other sloping structures.

When choosing a suitable gutter system, we recommend that you consider and answer the following questions prior to your purchase of any type of gutter such as Half Round, K-Style, and B-Max gutters.

1. What is the budget on your particular project?
2. What material makes the best option for your job?
3. How do you plan on installing your new gutter system?



Going Green
B&B SHEET METAL

4 Generations of Experience & 100 Years of Excellence

FLANGE BACK GUTTER

System Components

GUTTER



(Shown: Pitch Left)

A seamless gutter with a tapered back wall, used to control the flow of water

Pitches available: Left, Right, No Pitch

Available in 4k, 5k, 6k, 7k, 8k
(10ft, 12ft, 14ft, 16ft, 18ft, 20ft, 22ft, 24ft, 26ft sections)

FASCIA HANGERS

Hidden Hangers with Screw



Mill Finish Brass

Traditional 1/8in Hidden Hangers



Copper Mill Finish

Available in 4in, 5in, 6in, 7in, 8in (installed every 3ft)

LEFT OR RIGHT END CAPS



End caps terminate and cap the gutter system

Available in 4in, 5in, 6in, 7in, 8in

LEFT OR RIGHT MITER END CAPS



Act as additional protection for the miter joints

Available in 4in, 5in, 6in, 7in, 8in





INSIDE OR OUTSIDE MITERS



Use inside miter when corner of roof forms valley. Use outside miter when corner forms hip

Available in 4in, 5in, 6in, 7in, 8in

Materials

| | | |
|---|--------------------------------------|------------|
|  | Copper | 16oz, 20oz |
|  | Lead Coated Copper | 16oz, 20oz |
|  | Baked Enamel: Bronze/White | .032 |
|  | Baked Enamel: Gloss White | .032 |

For Outlets, Downspouts, Elbows, and Straps options please refer to the back of the brochure for more details.

The Flange Back Gutter is a revolutionary gutter system which allows you to control water flow and also eliminates the possibility for water to get behind the gutter when the tube freezes in the winter. In the event in which the tube is clogged, the water would either back up onto the roof or would overflow towards the front. It would not get behind the gutter as it had in the past with a typical gutter and drip cap system.

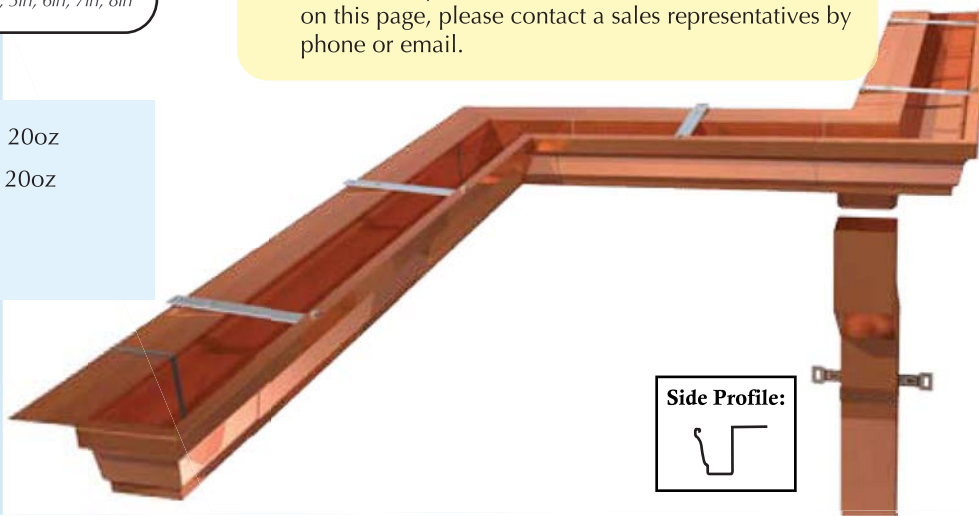
Another asset of this system is that the wall height is completely customizable which means better control of the water flow towards the drain and the gutter can sit perfectly on the ledge, sill or any other condition. Gaps are eliminated, preventing possible wind driven vulnerabilities.

It is beneficial to use this type of gutter for all commercial applications because of the simple installation and the longer lengths which help avoid possible failure points.

**Custom material available upon request.*

Recommendations

- If Gutter material is copper or lead coated copper, choose brass hidden hangers or copper traditional hidden hangers
- If Gutter materials is aluminum or galvanized steel, choose mill finish aluminum hidden hangers or mill finish traditional hidden hangers.
- Rectangular downspouts and elbows are standard for Flange Back Gutters.
- For **BEST** result use the standard but other options are available.
- Refer to the back of the brochure for other downspouts, elbows and outlet options.
- For plain straps or decorative straps please refer to the back of the brochure.
- Note: For any other materials, desired that are not listed on this page, please contact a sales representatives by phone or email.



Side Profile:





























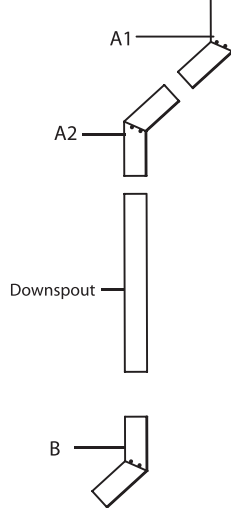
Log onto **BBSHEETMETAL.COM** for more information.

Download brochures, conversion charts and access our extensive product line with a click of a button.

DOWNSPOUTS, ELBOWS & OUTLETS OPTIONS

- Chimney Caps
- Chimney Pots
- Copper Coils
- Cornices
- Crosses
- Cupolas
- Downspout Elbows
- Equipment Supports
- Finials or Spires
- Flange Tubes
- Flashings
- Flat Metal Sheets
- Flat Roof Ventilators
- Full Louver Dormers
- Gutters
- Leader Heads or Conductor Heads
- Leaders or Downspouts
- Metal Awnings & Canopies
- Metal Roof Panels
- Metal Wall Panels
- Pitch Pockets
- Planters & Shutters
- Radiator Covers
- Register Air Grilles
- Ridge Caps or Hip Caps
- Scrap Metal Fabrication
- Scuppers or Eave Boxes
- Skylights
- Smokestacks
- Snow Guards
- Tools
- Wall Louver Vents
- Window or Door Pediments
- and More ...

| DOWNSPOUTS | | | | | |
|--|---|---|---|---|---|
| Plain Round | Round Corrugated | Plain Square | Square Corrugated | Creator | Quintet |
|  |  |  |  |  |  |
| OUTLETS | | | | | |
| Plain Round | Plain Round | Square | Square | Oval | Quintet Outlet |
|  |  |  |  |  |  |
| | | <i>*Available in Oval</i> | <i>*Available in Oval</i> | | |
| ELBOWS | | | | | |
| Round | Round Corrugated | A1 | A | A | A |
|  |  |  |  |  |  |
| Sizes: 3in, 4in | Sizes: 3in, 4in | 2in x 3in 3in x 4 in, 4in x 5in <i>*Available in A2 & B</i> | 2in x 3in 3in x 4 in, 4in x 5in <i>*Available in B</i> | 2in x 3in 3in x 4 in, 4in x 5in <i>*Available in B</i> | 2in x 3in, 3in x 4 in <i>*Available in B</i> |
| <p><i>* Elbows are available in 30, 45, 60, 75, and 90 degree bends. 75 degree elbows are considered standard in the industry. We can custom fabricate any elbow design for both commercial and residential applications. Please specify in your order the degree of your elbow. Need it to be custom? Please call us at 718-433-2501.</i></p> | | | | | |

| STRAPS: | Installation Guide: |
|--|--|
| <p>Used to attach downspouts to an exterior wall</p> <p style="text-align: center;">Plain</p>  <p style="text-align: center;">Sienna</p>  <p style="text-align: center;">Topaz</p>  <p style="text-align: center;">Pine</p>  <p style="text-align: center;">Crimson</p>  <p style="text-align: center;">Scarlet</p>  <p style="text-align: center;">Royal</p>  <p style="text-align: center;">Fancy</p>  | <ul style="list-style-type: none"> ■ Plain Square: Hand made downspout most commonly used on commercial applications. ■ Plain Round: Cylindrical shaped downspout with seam in the back. Taped to provide a snug fit without the excessive crimping on the end. ■ Square Corrugated: Made with specialized roll form downspout machinery. ■ "A" Runs away from the wall ■ "A1" Seams are located on the back of the piece. Compatible only with elbow that channels water away from the building. ■ "A2" Seams are Asymmetrical from "A1" (Seams are in the front) This model is commonly used in commercial products. ■ "B" This piece hugs the wall and runs the leader across or along the wall. ■ "A2" is always installed on top of the downspout. ■ "A" and "B" Styles must be installed below the downspout. <div style="text-align: right;">  </div> |