

Metal Gutter System

(800) 347-2586 Amerimax.com

Planning

Measure your project and use tables below to determine quantities

Gutter Components

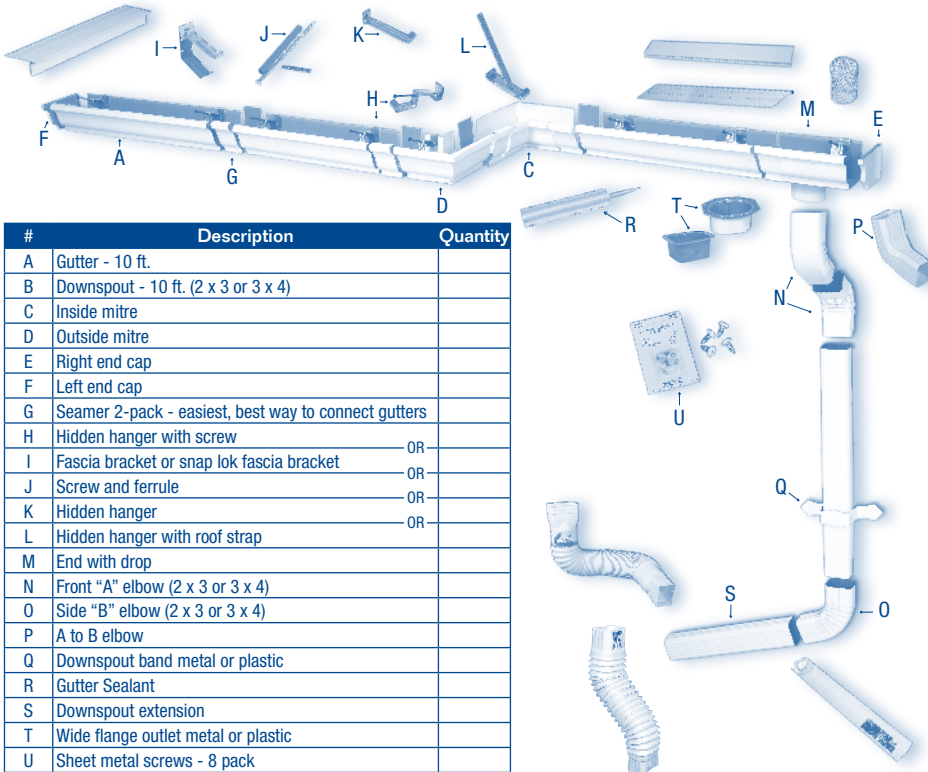
Total Length	50 ft	75 ft	100 ft	120 ft	140 ft	150 ft	160 ft	170 ft	180 ft	200 ft
Gutter Lengths	5	8	10	12	14	15	16	17	18	20
Seamers	4	7	9	11	13	14	15	16	17	19
Outlets (1 per 40 ft)	1	2	3	3	4	4	4	4	5	5
Hangers	25	37	50	60	70	75	80	85	90	100
Inside/Outside Miters	As needed - 90 degree only									

Downspout Components

Total Number of Downspouts	1	2	3	4	5
Elbows	3	6	9	12	15
Downspout Bands	2	4	6	8	10
Downspout Extensions	1	2	3	4	5
Flex-A-Spout® or Extend-A-Spout®	1	2	3	4	5

Select Your Gutter Components

Use chart below to fill in quantity of each item needed to complete your job.



#	Description	Quantity
A	Gutter - 10 ft.	
B	Downspout - 10 ft. (2 x 3 or 3 x 4)	
C	Inside mitre	
D	Outside mitre	
E	Right end cap	
F	Left end cap	
G	Seamer 2-pack - easiest, best way to connect gutters	
H	Hidden hanger with screw	
I	Fascia bracket or snap lok fascia bracket	OR
J	Screw and ferrule	OR
K	Hidden hanger	OR
L	Hidden hanger with roof strap	OR
M	End with drop	
N	Front "A" elbow (2 x 3 or 3 x 4)	
O	Side "B" elbow (2 x 3 or 3 x 4)	
P	A to B elbow	
Q	Downspout band metal or plastic	
R	Gutter Sealant	
S	Downspout extension	
T	Wide flange outlet metal or plastic	
U	Sheet metal screws - 8 pack	

(Note: Items not in-stock available through Special Order, see an Associate for details.)

Installation

Tools Required

Pencil	Work gloves	Ladder	Screwdriver
Tape measure	Pliers	Tin snips	Hack saw
String	Hammer	Eye protection	Drill
Level			

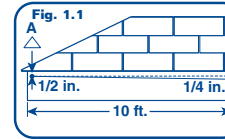


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Before beginning gutter installation, remove old gutters. Replace or repair fascia if needed.

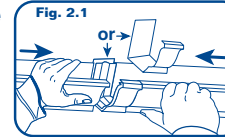
1. Measure

- Tack string to fascia as a guide and level (A)
- Lower string toward Downspout location
- Slope ¼ inch per 10 feet of gutter (Fig. 1.1)



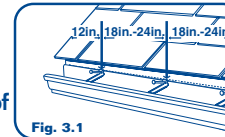
2. Assemble Gutter

- Begin at end opposite from Downspout
- Apply Gutter Sealant to end cap, attach to Gutter
- Join Gutter lengths using Seamers (Fig. 2.1)



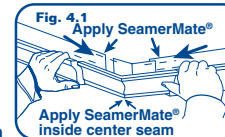
3. Install Hangers

- Use one Hanger for every 24 inch of gutter
- Every 18 inch, for heavy ice and snowload areas (Fig. 3.1)



4. Attach Mitres

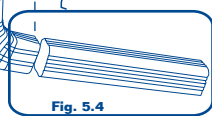
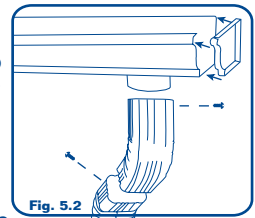
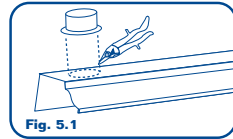
- At corners of house, attach Mitre to gutter with Seamers
- Apply Gutter Sealant to inside of Mitre joint and Seamer connections (Fig. 4.1)



5. Attach Downspouts

- Connect Downspouts to Gutter with an End with Drop or an Outlet
- Connect End with Drop with a Seamer
- Apply Gutter Sealant to End with Drop and Seamer
- If at end of run, connect End Cap to end with Drop

- For Outlet use:
 - trace the small end of Outlet on the outside of Gutter
 - drill a pilot hole and cut with tin snips (Fig. 5.1).
- Join Downspouts and Elbows by fitting smaller crimped end into larger end of next piece
- Force parts together tightly
- Secure with Sheet metal screws
- Attach an A or B Elbow at bottom to direct water away from foundation (Fig. 5.2)
- Fasten Downspouts snugly against wall with 2 Bands per 10 foot section
- Fasten Bands with nails or screws (Fig. 5.3)



6. Accessories

- Use Downspout Extension, Splashblock, Dripper Flipper, Flex-A-Spout® or Extend-A-Spout™ to get water further away from foundation (Fig. 5.4)
- Use Strainers and Diamond Gutter Shield or Gutter Guards to prevent leaves and debris from clogging Gutters
- Use Drip Edge under shingles to prevent runoff from flowing between fascia and Gutter

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