



Installation and assembly guide

IN PARTNERSHIP WITH





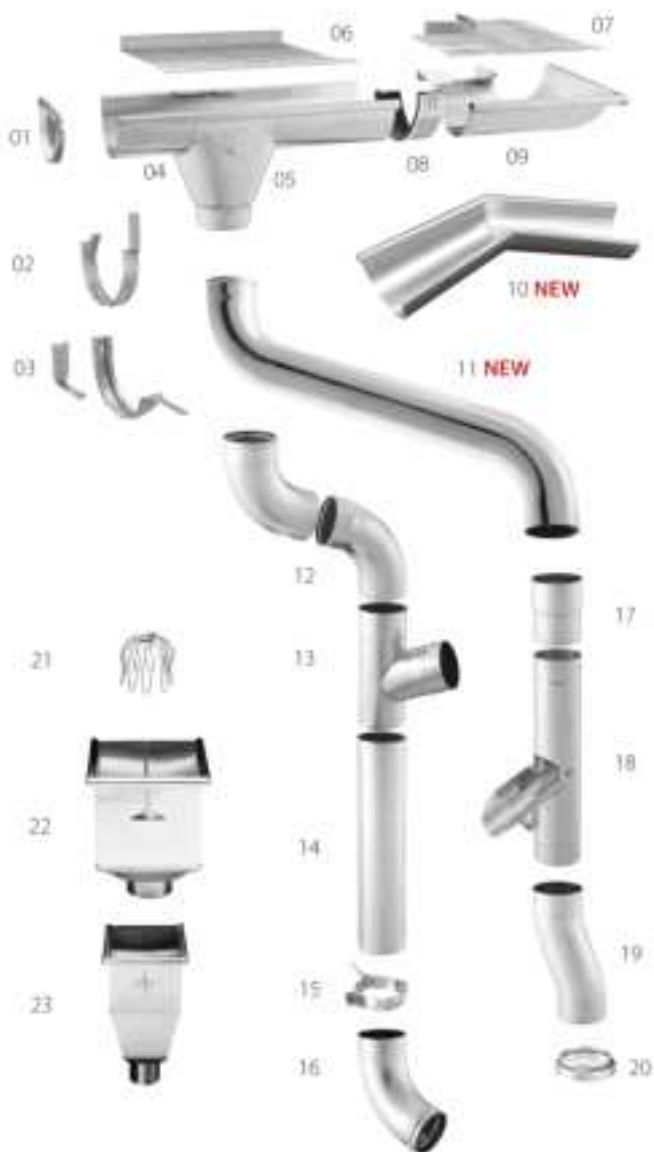
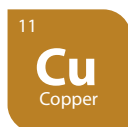
The **ultimate** roof drainage system...

Easy installation

The complete Rain elements roof drainage system is designed with plug in and clamping connections. There is no riveting or soldering necessary on the majority of our products.

TOOLS REQUIRED: hack saw/chop saw, pencil, rubber mallet, tin snips, multi-grip pliers, ruler.



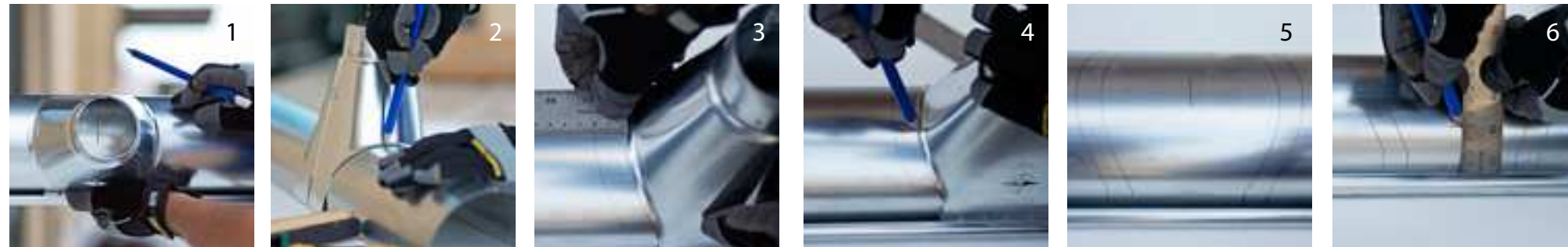


- 01. End Cap with rubber seal
- 02. Eavestrough Hood
- 03. 2 part Adjustable Fascia Hanger
- 04. Eavestrough
- 05. Outlet
- 06. Leaf Shield - Available in black and galvanized only
- 07. Leaf Shield Corners (inside or outside) - Available in black and galvanized only
- 08. Eavestrough Connector
- 09. 90° Corners (inside or outside)
- 10. 135° Corners (inside or outside) - Available in coated steel and galvanized steel only
- 11. Telescopic Elbow - Available in black, brown and grey only
- 12. Elbow 72°
- 13. Downpipe Junction
- 14. Downpipe
- 15. Bracket for Downpipe
- 16. Elbow 40°
- 17. Downpipe Connector
- 18. Leaf Clean Out Pipe
- 19. S-Curve
- 20. Pipe Cover
- 21. Strainer - Available in black and galvanized steel only
- 22. Collector Box
- 23. Narrow Collector Box - Available in galvanized steel only

Quick and easy assembly

Installing outlets

TIP: When cutting the circular hole for the outlet, start in the center and cut toward the outside edge in a series of spirals. When reaching the full diameter, ensure the final cut edge is clean and free from burrs.



Mark center spot on gutter where outlet is desired (1); With outlet on gutter, mark outside edges (2); Move outlet 20 mm to the inside of both left and right sides and mark (4, 5); Remove outlet from gutter and place a mark 5 cm up from each side of gutter (6).



Draw a circle that intercepts the interior side marks and the 5 cm marks (7); Cut out circle – see tip above (8); Place outlet back on gutter. Bend the back tabs over the back of the gutter (9); Use pliers to fully wrap tabs around back gutter edge (10); Use a rubber mallet to softly hammer the inside lip of the hole until it bends smoothly into the outlet opening (11, 12).

Mounting endcaps

TIP: For best results, install endcaps before gutters are hung.



Place rubber seal inside endcap (1); Be sure rubber seal is placed in endcap with three lips towards the gutter (2); Use rubber mallet to tap endcap onto gutters (3).



Be sure endcap is tight with gutter for proper seal (4); Use rubber mallet to gently bend endcap tab onto gutter (5, 6).

Connecting gutters



Insert gutter connectors into gutter sleeve (1); Connect gutters leaving 2 mm space for expansion of metal (2); Insert rubber gasket into gutter connector (3).



Center gutter connector over seam (4); Push down on both gutter lengths to make proper seal (5); Pull back tab, close clamp and close tab (6).

Mounting gutters

1. Snap or draw a line on gutter installation surface (fascia or other) and include a slope of 5mm per meter (1/16" per foot).
2. Affix brackets to fascia on line every 2 feet, starting at 1 foot from gutter start point (to allow for end bracket / outlet, gutter connector).
3. Add end caps, outlets, corners to gutter lengths before installing. Be sure to mark and measure the lengths needed and outlet positions.
4. Place gutter lengths in brackets and secure.
5. Add gutter connectors.



Mounting downpipes

1. Measure and prepare downpipe, elbows and downpipe connectors to connect to gutter outlet.
2. Consider other components in your preparations if using Y junction, collector box, s-curves, or leaf clean out pipes.
3. Mark location for and drill pilot hole for downpipe screws. Generally, plan to use 2 downpipe brackets per downpipe length.
4. Affix screws; affix bracket to screws.
5. Affix downpipe, elbows and downpipe connectors into brackets.

Still have questions?

Installation videos are available on our website.

Visit www.rainelements.ca/install



A new standard in **rain management**



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