

Roof Guardian

Rooftop Filter Bracket Installation Instructions

The **Roof Guardian Rooftop Filter Bracket** Installation Kit Includes*:

72"

- 60 - 1/4" bolts
- 60 - 1/4" nuts
- 120 - 1/4" washers
- 5 - rods with hitch pins
- 2 - angled side pieces w/legs
- 2 - angled side pieces w/o legs
- 10 - flat stock
- 12 - 2" angle pieces for bottom support

60"

- 40 - 1/4" bolts
- 40 - 1/4" nuts
- 80 - 1/4" washers
- 4 - rods with hitch pins
- 2 - angled side pieces w/legs
- 2 - angled side pieces w/o legs
- 8 - flat stock
- 10 - 2" angle pieces for bottom support

48"

- 16 - 1/4" bolts
- 16 - 1/4" nuts
- 32 - 1/4" washers
- 4 - rods with hitch pins
- 2 - angled side pieces w/legs
- 2 - angled side pieces w/o legs
- 6 - flat stock
- 8 - 2" angle pieces for bottom support

* Parts count will vary for custom ordered sizes

INSTALLATION:

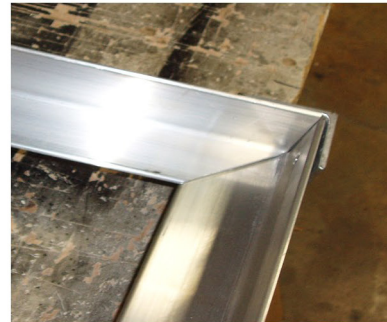
1. Attach the two angled pieces with the legs with the 2 angled pieces that do not have legs to form the perimeter of the box. Use the supplied 1/4" nut/bolt/washers combination to attach them. Place the box in the desired position around the fan and then bolt the final corner together.
2. Situate the lower arms around the fan so that there are no obstacles in the way and they are in a position to hold the filters. Using a 1/4" drill bit, not supplied, drill a hole into the bottom of the angled pieces so that the flat stock will attach. Use the supplied 1/4" nut/bolt/washer combinations to fasten lower arms to the angled stock.

Next, attach the supplied leg supports wherever you see fit in an effort to support the system most effectively.

3. **INSTALL FILTER (A)** Order of filter installation, from bottom to top: 1. Blue bottom layer 2. Install married white filter set with plastic side down and quilted hydrophobic layer facing up. 3. Blue top layer **(B)** Cut filter material however it needs to be cut in order for it to fit around any obstructions and fan itself.

Double-up on any of the extra white non-plastic backed filter in the area that is dispensing the most grease. Drill holes in the angled aluminum with the 1/4" drill bit in order to place metal rods through all four sides so that the rods crisscross and hold the filter media in place.

(1)

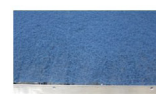


(2)



(3)

(A1)



(A2)



(A3)



(B)

