

HOW TO MEASURE A PreVent® Model U Filter

PreVent Model U filters are flexible, vinyl edged equipment protection filters. They are manufactured to fit any air intake opening and can include cut outs and unique designs. Model U filters can be attached with hook and loop, grommets or a combination of the two. Attachment should be made on as flat a surface as possible. All filters are manufactured to the EXACT size ordered so measure carefully. Custom filters are not returnable.

Model U filters under 5000 square inches in area are generally fitted with a ¾” vinyl edge. When measuring for fit over an air intake you must include at least ¾” additional to the open area on all sides. (In some cases filters will extend more than the vinyl edge past the opening if the attachment surface is further away)

Example: Air Intake 15 x 30

Measurements will be 15.75 x 30.75

Model U filters over 5000 square inches total area are generally fitted with 2” vinyl edge. When measuring for fit over an air intake you must include at least 2” additional to the open area on all sides.

Example: Air Intake 50 x 100

Measurements will be 52 x 102

Grommets:

When estimating the number of grommets you need to secure a Model U filter the rule of thumb is approximately 12” spacing. Our factory technicians will evenly space the grommets, whatever their number.

To calculate the number of grommets it’s easiest to draw a picture so you can easily visualize. Each corner will require a grommet – so you have 4. Use the measurement of each side divided by 12 and round up or down, depending on how close you are to the next whole number.

Example: Side measurement is 100. Divide by 12 and you get 8.33. So you want 8 grommets on that side. Don’t forget you already have 1 on each corner so you need 6 additional grommets on that side. Do this for each side and add the total.

Patterns and Cut Outs:

If you need slits or holes designed into the filter, this is pattern cutting. Draw a picture of the pattern, including all measurements of linear inches which will require vinyl edging. Include any grommets needed to secure filter around pattern.