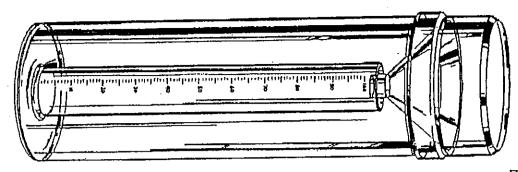
Cole-Parmer® 03319-00, -10 Clear View™ Rain Gauges

to 11.0 inches, and accuracy is \pm 0.01 inches. Model 03319-10 reads in metric units; range is 0 to 280mm, and accuracy is \pm 2mm. They measure 14"L x 4 1/8" diameter. Each gauge includes an acrylic mounting Thank you for selecting the Cole-Parmer® Clear View Rain Gauge. Model 03319-00 reads in English units; range is 0.01 Each gauge includes an acrylic mounting

bracket, 3 screws, and a data recording sheet.



To install:

Mount the gauge on a post that you walk past each day so that you'll remember to read and gauge. Mount the gauge so that the top is level and about 6" higher that the top of the post possible, do not mount near trees or buildings that would prevent rainfall from reaching the empty the gauge. Ideally, the post should be 4" x 4" or two 2" x 4",posts nailed together.

To operate

cylinder, and a top funnel. The top funnel catches the rain and delivers it to the measuring tube, which has a capacity of 1.00 inch, or 24mm. The gauge includes an outer cylinder, a graduated measuring tube placed inside the

nearest 1/100 inch, or 2mm. Record the rainfall in your log and discard the rain water. If the rainfall is less that one inch, read directly from the measuring tube. Remove the funnel and tube from the cylinder, and stand the tube on a level surface. Read the amount to the

from the outer cylinder into the tube. Repeat these steps until the outer cylinder is empty. measure, first remove the tunnel and measuring tube, and pour out the first 1" of rain water Replace the funnel on top of the measuring tube, and pour carefully the excess rain water If rainfall is more than 1" (or 24mm), the excess rain flows into the outer cylinder. To

water that was in the measuring tube. Note: to ensure accuracy, measure heavy Finally, record the measured amount in your log. Be sure to count the first inch of rain measure again. precipitation twice. Just use an empty can or pan to receive the measured rain water, and

accumulation from the snow. of resultant water and subtract the amount that you added to determine the moisture melting process, add a known amount of hot water to the snow. Measure the total amount outer cylinder into a level area of snow, and then melt the captured snow. In cold weather, use only the outer cylinder to catch hail, sleet, or snow. Melt the snow Then use the tube to measure the moisture accumulation from snow. Or, press the To speed up the

Keeping a daily log:

on which you take the readings even tough much or all of the rain may have fallen the preceding day after you took your less that 0.01 inch or 2mm, enter "T" for trace in you daily precipitation log. daily reading. Whenever possible, take your readings at the same time each day. Record your readings on the daily log. Use the date Enter your reading in 1/100 (for example 0.01, 0.31, 1.01, 3.01, etc., or in 2mm increments). If rainfall is

Maintenance

clean with solvents or abrasives. Avoid rough usage. Wash periodically with warm water, a mild soap or detergent, and a household bottle brush. Do not Do not wash it in a dishwasher. Do not allow accumulated water to freeze in the gauge

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