

Using Your Airguide Rain Gauge

The Airguide Rain Gauge is an accurate instrument for measuring the amount of rainfall at a particular location. In addition to being of great general interest, accurate measurement of rainfall is critical to gardeners, farmers and amateur and professional weather forecasters. You can also use this Rain Gauge to measure the amount of water sprinkled on a lawn or garden.

The cone shaped, clear plastic collector tube, accurately calibrated, will measure up to 5½ inches and 140mm of rain. The conical shape of the collector provides a widened scale which makes it much easier to accurately read small amounts of rainfall.

Two mounts are provided; a rugged plastic lawn spike which is pushed into the ground, and a metal clip which can be screwed to a fencepost. Whichever mount is used, be sure that the mounted tube is exactly vertical and open to rainfall from any direction.

When used to measure rainfall, the gauge should be located about 15 to 20 feet from large objects such as trees, houses, garages, etc. Readings can be taken after each rain, if it is desired to determine the extent of that particular rainfall. If daily readings are taken, they should be at approximately the same hour each day, preferably in the morning. If it is wished to determine the monthly rainfall, a simple columnar table showing the date and daily rainfall can be kept.

After reading the gauge, pour out the rain water and place the collector tube back in the holder. The gauge should be kept clean since dirt, leaves or other matter in the tube will cause inaccurate readings. Remove the gauge during freezing weather as formation of ice will damage the tube.

When used as a sprinkling gauge, move the gauge about within the pattern of water droplets being thrown by the sprinkler. This pattern may not be uniform and by moving the gauge some idea of the uniformity of the sprinkling can be gained.

An Airguide Rain Gauge can be useful to the gardening enthusiast by permitting him to determine how much water is needed by the lawn or garden, and then actually measuring the amount of water applied with a sprinkler. The amount of water required by a lawn will vary with the climate, the season, the type of lawn, the soil conditions and other factors. It is impossible to state that a lawn should have, say, one or three inches of water each week. It is, however, fairly well established that a plan of heavy sprinkling at infrequent intervals will ordinarily produce a deeper root structure and thus a better lawn than frequent, light sprinkling.

By using the rain gauge the gardener can determine the amount of rain which has fallen on the lawn or garden over a period of time and then can supplement this with appropriate sprinkling. The rain gauge can pay for itself over a single summer by saving the water which would be used for unnecessary sprinkling. If kept clean and protected from freezing, this gauge will give years of service. Replacement parts are available from our Customer Service Department.

THE AIRGUIDE RAIN GAUGE IS COVERED BY THIS LIMITED WARRANTY: Airguide Instrument Company will repair or at its option replace this product without charge, other than transportation charges, if defective because of faulty workmanship or material, when it is returned to the address below with transportation charges prepaid within one year of the date of purchase.

This Limited Warranty does not cover damage to this product through accident or mis-use, nor does it cover any incidental expense to the user resulting from non-function or malfunction of this product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so these limitations may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

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