

SA822731

Edwardian Snowdon Pattern Rain Gauge by Casella of London

Price

Sold**Item Reference: SA822731****Date of manufacture: 1910**

Dimensions

Height = 41.5 cm (16.3")

Width = 13.5 cm (5.3")

Depth = 13.5 cm (5.3")

Description

For sale, an Early Twentieth Century Snowdon Pattern copper rain gauge by Casella of London. This simple yet effective instrument has been known as the standard for rainfall measurement since the 1860's when the British Rainfall Organisation led by GJ Symons trialled a number of available instruments. According to Negretti & Zambra's catalogues of the 1870's this instrument was considered an improvement to the Howard's rain gauge which consisted of a glass bottle with a funnel placed in the top. This earlier example was proven to be hugely vulnerable to failure in cold weather due to the exposed nature of the glass and the effects of freezing temperatures upon it. To counteract this issue, Symons suggested that the glass bottle should be contained within a copper can which was to be partially buried in the earth to avoid surface temperatures on the glass, to maintain a level position and also to collect any spillage during extreme rain events. The cylindrical copper lid contains a funnel at the base with a tube that protrudes down into the glass measuring cylinder and the high surrounding sides were intended to reduce the amount of in-splash or out-splash associated with it.

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