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Brooklyn Thermometer Company Inc.

NINETY VERDI STREET
FARMINGDALE, N. Y. 11735
TELEPHONES: (516) 894-7610

INSTRUCTIONS YOUR NEW PRECISION HYGROMETER

tells you the relative humidity,
accurately, directly in % r.h.

Congratulations on your selection of this useful instrument. Made by craftsmen from quality materials, it will give you long trouble free service.

The measuring mechanism of Brooklyn's Precision Hygrometer utilizes a newly developed synthetic element which is far more rapidly sensitive and accurate than the old style hair or spring mechanisms. It may be used safely in temperatures of 32 to 212° F. The high style case includes a recalibration screw for utmost accuracy.

HUMIDITY IN THE HOME: Relative Humidity has a very pronounced effect on the comfort and healthfulness of the home. It has been shown that the humidity of the home should be in the vicinity of 30% to 50% R.H.

MOUNTING: The accurate indication of Relative Humidity is dependent on the proper location of your Precision Hygrometer. It may be used indoors or outdoors, but should be protected from direct precipitation. We suggest that you not mount it near a source of heat or in direct sunlight.

ACCURACY: Brooklyn's Precision Hygrometer is accurate $\pm 3\%$ at time of shipment. To check the accuracy at any time it is recommended that you use a properly calibrated Sling Psychrometer and Weather Bureau tables. If these are not available, and adequate adjustment can be made by the following method:

1. Wet a towel or cotton cloth and wrap it around the instrument so that the scale is visible and you have access to the adjustment screw on the back.
2. Leave the cloth on your instrument for 30 minutes and then turn the adjustment screw on the back so the indication is **96%**. The wet cloth must remain wrapped around the instrument while you make this adjustment.
3. Remove the cloth and after 30 minutes the indicator will show the actual Relative Humidity.

SERVICE: You may at any time during the life of your Precision Hygrometer return it to us for factory recalibration and adjustment for the nominal charge of \$5.00 to cover the cost, handling, and return. The instrument must be sent prepaid and accompanied by remittance.

We can supply a Factory Certificate for your Precision Hygrometer which shows its correction as tested against our National Bureau of Standards certified instruments.

GUARANTEE: The Brooklyn Precision Hygrometer is fully guaranteed against any defects in manufacture which impair its use and will be replaced free of charge upon prepaid return to us within one year of purchase.