Before Using:
WICK (A) should be thoroughly saturated with water. Remove END CAP (B) and immerse PSYCHROMETER BODY (C) up to mercury (or red spirit) reservoir on the thermometers until WICK is thoroughly wetted. Fill END CAP with water and replace; tighten just enough to prevent leakage.

To Use:
1. Be sure WICK (A) is wet and covers mercury (or red spirit) reservoir on WET BULB THERMOMETER (D). Be sure reservoir on other THERMOMETER (F) is dry.
2. Pull TUBE (E) clear of BODY so BODY can swivel.

APPLICATION
Wet-bulb temperatures should be read first and as quickly as possible for highest accuracy. Delay in reading may cause error. In addition, the wick must be kept clean, saturated with water, and whisked long enough to stabilize temperatures.

The range of the psychrometer is from 10% to 100% R.H., for dry-bulb temperatures of 30°C to 100°F (−5°C to −50°C).

In addition to the above instructions, barometric pressure and other factors will influence exact relative humidity determinations to a very minor degree. For precise work, use a psychrometric chart or set of tables such as W.B. No. 235 "Psychrometric Tables for Obtaining the Vapor Pressure, Relative Humidity, and Temperature of Dew Point," which can be purchased from the Superintendent of Documents, United States Government Printing Office, Washington, D.C.

MAINTENANCE
WICK (A) should be kept clean; when dirty, cut off WICK below WET BULB THERMOMETER (D) and pull clean section out of END CAP (B) and slide over bulb on WET BULB THERMOMETER.

A WICK REPLACEMENT KIT may be purchased separately (refer to parts list). One or two extra WICKS may be kept in END CAP and will help retain moisture longer. Pack WICKS loosely to allow through water saturation and ample water supply to the WET BULB THERMOMETER.

WARRANTY
Bacharach, Inc. warrants to Buyer that at the time of delivery the Product will be free from defects in material and manufacture and will conform substantially to Bacharach Inc.'s applicable specifications. Bacharach's liability and Buyer's remedy under this warranty is limited to the repair or replacement, at Bacharach's option, of Products or parts thereof determined by Bacharach Inc. to be defective. If during the Warranty Period, Buyer sends any Products to Bacharach Inc. and they are determined by Bacharach Inc. not to be defective shall have been delivered to Bacharach Inc. within three (3) years after the date of delivery of the first (1) Product to Bacharach Inc. for full details concerning this warranty, contact Bacharach Inc.

Register Your Warranty On-line
www.bacharach-inc.com