HALL Pre-Conditioned Air – Flow Tester

* PATENT PENDING

HALL PCAT "Air Flow Tester" Part Number AP1714-0002

- HALL PCAT Air Flow Tester is a pre-conditioned air flow tester designed to be utilized as a maintenance analyzing tool by GSE / HVAC Technicians. It is used to determine:
  - Actual temperature and air flow being supplied into the aircraft that is being serviced by the external pre-conditioned unit
  - PCAT Air Flow Tester connects to the aircrafts external conditioned air opening
  - Supply hose connects to the flow instrument panel by means of the 8" aircraft hose adapter
  - Flow instrument panel connects to the flow tester tube at its identified location points. See product manual.
- There are no adjustments that need to be (or can be) made to this flow instrument panel. The test gauges are all calibrated from the manufacturer's facility.
  - Temperature gauge displays the actual air temperature being supplied into the aircraft
  - Air speed gauge provides the actual air flow being supplied into the aircraft
  - Inches of water column is the actual back pressure being supplied **by the aircraft**

- Conditioned air flow requirements – steady state airflow charts are listed in the manufacturers aircraft manual
- PCAT Air Flow Tester has a general summary chart of these requirements in the operations manual and a placard on the flow meter instrument box
- Always follow the aircraft and airline maintenance requirements for the required readings
- No tools are required to utilize the PCAT Air Flow Tester
  > Connect the Air Flow Tester tube to the aircrafts external conditioned air opening
  > PC Air units discharge hose connections to the PCAT Air Flow Tester tube by means of connecting the 8" aircraft hose adapter. PCAT Air Flow Tester instrument box connects to the air flow tube
  > PC Air unit is started and the air flow being supplied to the aircraft are able to be analyzed
  > The PC Air Flow Tester and tube must be removed from the aircraft before flight

Protective Case included