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*NEW! From Hill Engineering...*

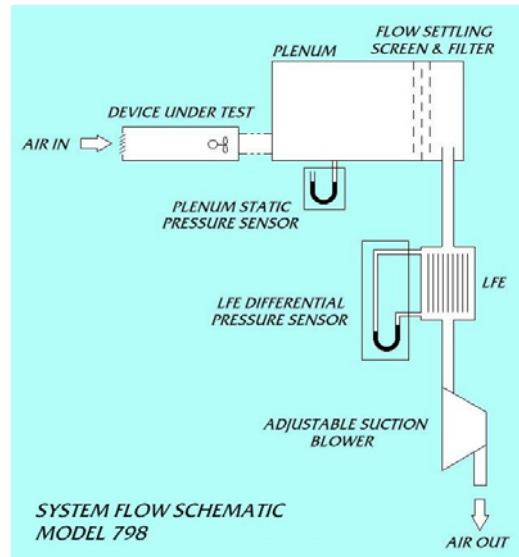


## *Model 798 Precision Air Flow Measuring System*

To help you solve thermal problems quickly and economically, the new Model 798 Precision Air Flow Measuring System enables you to:

- ✓ Measure and confirm system resistance curves.
- ✓ Measure and confirm manufacturers fan curves.
- ✓ Measure and confirm installed fan/system operating point.
- ✓ Measure installed fan performance compared to bare fan component.
- ✓ Measure total flow through devices such as lap top computers.
- ✓ Measure effects of grilles, filters and fan guards.
- ✓ Provide known air flows over dissipative test components, heat sinks, spreaders, or complete PCBs.
- ✓ Correlate flow and thermal analytical model results on prototype hardware.
- ✓ Calibrate flow velocity sensors/anemometers.
- ✓ Calibrate pressure sensors/switches.

- *Flow capabilities:* 0-40 CFM in varying increments with interchangeable LFEs (Laminar Flow Elements). 0-3, 0-8, 0-24, and 0-40 CFM LFE ranges are available.
- *Accuracy:* within 1% of **reading**.
- Quick and easy calculation of actual CFM or standard CFM using provided Excel spreadsheet.
- Capable of precision measurements of pressure and flow and temperature on small fans and enclosures in accordance with the ANSI/AMCA 210 Standard Laboratory Methods of Testing Fans for Ratings.



- *Small footprint.*
- *Self contained test unit; no additional instrumentation required.*
- *Size:* 82.4" high x 24" wide x 26" deep.
- *Weight:* 340 lbs.
- *Power:* 115 VAC, 50/60 Hz Single Phase, 400 W.
- *Acoustics:* <50 dBA
- *Mobility:* 4" rubber tired casters with brakes for parking.
- RS232 output available.
- Provisions for seismic restraint.

The Model 798 Precision Air Flow Measuring System is available for sale or in-house testing. Contact *Hill Engineering* for more information:

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