

New Airflow Instrument Makes Accurate Measurements

Nielsen-Kellerman, manufacturer of Kestrel Pocket Weather Meters, announces the release of a Kestrel model specifically for the hvac industry – the Kestrel 4100 Airflow Tracker. The instrument measures cfm, temperature, relative humidity and dewpoint, and stores 480 data points in its data logger.

“With its automatic cfm calculation, the Kestrel 4100 Airflow makes a technician’s job easier by eliminating the need for calculators or equations,” says Michael Naughton, product manager.

“The user chooses the shape of the

duct or opening (rectangle or circle), then enters the dimensions of the duct and the air flow is automatically calculated in cfm,” Naughton says. Instantaneous readings are displayed when the Kestrel is held in the airflow.

In order to ensure accurate readings when the airflow is fluctuating or variable across the duct, the instrument has a simple averaging function that lets the user control the timing of the averaging. Because the Kestrel holds the maximum and average flow values on its screen, this function is also ideal for technicians taking readings in ducts that are reachable, but

The Kestrel 4100 Airflow Tracker measures cfm, temperature, relative humidity and dew point.



may be hard to see.

With a built-in data logger, the unit is ideal for facilities monitoring. The user is able to set the logging interval to store data automatically with a customizable frequency, providing tremendous flexibility in monitoring conditions in a specific area over time. The data can be viewed on the Kestrel’s screen in chart form or uploaded to a computer using the optional interface.

Along with cfm calculation, the unit also measures temperature, relative humidity and dewpoint with excellent accuracy. The patented rapid-response temperature sensor is external, allowing the Kestrel to take readings within $\pm 1^{\circ}$ C and under a minute.

The patented dual-chamber humidity sensor provides quick and accurate humidity readings within ± 3 percent, even in quickly changing conditions. The unit can also be set to Imperial or Metric measurement scales.

The Kestrel 4100 Air Flow Meter retails for \$299 and the optional computer interface retails for \$79. Both are available direct from NK. NK also manufactures six other Kestrel Pocket Weather Meters with various feature sets, ranging in price from \$89 to \$329.

Kestrel Weather division has been researching, developing and manufacturing technically advanced portable weather instruments for over eight years.

For more information, call Amy Winner at 610-447-1555 ext. 219, send e-mail to awinner@nkhome.com or visit www.nkhome.com. ♦

Kestrel® 4100 **Pocket Air Flow Tracker**

NEW!

CFM Made Easy!

Just enter duct dimensions - no equations or calculations required

Every Measurement You Need!

Velocity	Air Flow
Temperature	Relative Humidity
Dewpoint	Wind Chill
Heat Index	

All in One Hand-Held Unit!

- Automatic averaging of variable flow
- 480 point Data Logger
- Data upload (with optional Interface)
- Data hold function
- Graphical display for logged values
- Backlight for low light conditions
- Accurate and easy-to-use
- Made in the USA, 2-Year Warranty

Only \$299!



Order direct: www.nkhome.com, 800.784.4221
Dealer inquiries welcome: kestrel@nkhome.com, 800.784.4221

Circle Reader Service No. 4