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## Wind measurement for the pros

The new Vaisala WINDCAP® Ultrasonic Wind Sensor WS425 F/G has been launched. The sensor is a premium, ice-free model of the standard WS425 family, designed for the most demanding weather conditions. It is especially suitable for measuring wind in arctic or mountainous areas or in conditions where rapid ice-buildup occurs.

The sensor has an exceptionally high heating power of 150 W to ensure ice-free operation. Initially, these models were designed to interface with the network of the Automated Surface Observing System (ASOS), the primary surface weather observing network in the United States. ■

### Features of the Vaisala WINDCAP® Ultrasonic Wind Sensor WS425 F/G

- Premium, ice-free sensor for most demanding weather conditions
- Enhanced 150 W heating to ensure ice-free operation
- Wide measurement range up to 165 knots
- Highly accurate up to 125 knots
- Maintenance-free
- Superior data availability secured by Vaisala patented WINDCAP® technology
- Triangular shape prevents wind interference between transducers
- Wide operating temperature range  $-62 \dots +55 \text{ }^{\circ}\text{C}$  ( $-80 \dots +130 \text{ }^{\circ}\text{F}$ )
- Large transducer heads are insensitive to rain
- Optical cable modem, RS-232 for service mode
- Field verification device available
- US National Weather Service relies on Vaisala WINDCAP® technology