

## PRESS RELEASE

**subject**  
New CVF4 ventilation unit

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### FOR IMMEDIATE RELEASE:

#### IMPROVED RELIABILITY AND ACCURACY WITH THE NEW CVF4 VENTILATION UNIT

Delft, the Netherlands (June 14, 2013) - Ventilation of radiometers improves the reliability and accuracy of the measurement by reducing dust on the dome, removing dew and rain droplets and melting frost and snow, which would otherwise affect the measurement. Kipp & Zonen introduces the CVF4, a new ventilation unit for its pyranometer and pyrgeometer range.

#### CVF4 VENTILATION UNIT

The CVF4 is the best ventilation unit currently available for radiometers. The latest flow simulation software and micro flow and temperature measurement devices were used in the development process to maximise the performance.

The flow that the CVF4 creates is unique. At the top of the pyranometer dome the flow is very high and it swirls to improve the air distribution over the dome. The position of the heaters and the new cover material ensures that only half the heating power is needed to melt frost and snow compared to older ventilation units.

The cover of the ventilation unit can be removed without tools to check the radiometer desiccant. Together with the improved access to the ventilation fan fitter and the radiometer, this makes the CVF4 remarkably easy to maintain.

CVF4 is easy to use, operates in all weather conditions and significantly improves the availability of high quality measurement data from pyranometers and pyrgeometers.

CVF 4 is designed to be used with Kipp & Zonen CMP 6, 11, 21, 22 and SMP11 pyranometers, the CGR 4 pyrgeometer and the CUV 5 total UV radiometer.

An animated video of the new CVF4 is available on our YouTube channel: <http://youtu.be/Vzml5VULD3s>.

#### ENDS

For more information and/or pictures please contact us ([Kelly.Dalu@kippzonen.com](mailto:Kelly.Dalu@kippzonen.com)).