



## WOW 600 Weather station



Natural  
ventilation



Smoke  
ventilation

### Application

- compact weather station without moving parts for use in natural ventilation systems as well as automatic closing of windows and light domes in the case of wind/rain
- complete with mounting brackets and connection cable
- for direct control of smoke ventilation units and control units

### Description

Robust weather station without moving parts.

The weather station's sensors:

- temperature
- wind speed
- wind direction
- relative humidity
- rain / precipitation
- GPS
- time and date

Used together with the WindowMaster NV Advance® and NV Embedded® MotorController type WCC 3x0 Plus version U4 and smoke panels type WSC 3x0 Plus version E4 and WSC 5xx version E2.

The weather station is equipped with a real time clock, which is updated by the GPS. The time and date in the MotorController can be synchronized with WOW 600 via GPS.

The weather station is to be placed as high as possible however minimum 6' 6¾" above the highest point of the building to give a true measuring.

### Special technical features:

- 5 - 30VDC
- temperature: -40°F – +158°F
- wind speed: 0.02 – 134 mph
- wind direction: 0 – 359 degrees - no dead band
- relative humidity: 100%
- rain / no rain

WOW 600 does not detect snow, if snow detection is desired, the purchase of WLA 331 rain sensor is recommended.

WOW 600 is supplied with 65' 7¾" cable including mounted connecting plug, the cable can be increased to 131'.

WOW 600

# Weather station

Technical specifications	
Rated voltage	5 - 30 VDC
Material	external construction: polycarbonate bracket: metal
Colour	white
Size	10 1/4" x 5 9/16" x 5 9/16"
Weight	1.76 lb
Operating conditions	-40°F – +158°F, (storage: -40°F – +176°F) 0-100% relative humidity
Mounting bracket	bolt fittings for securing the unit to a vertical pipe of diameter 1 3/4"
Temperature, range of measurement	-40°F - +158°C, ±37.4°F @ 68°F units of measure: °C, °F or °K
Wind speed, range of measurement	0.02 – 134mph, ±3% 0.02 – 89 mph and ±5% 89 – 134 mph (0.01 – 60m/s, ±3% 0.01 – 40m/s and ±5% 40 – 60m/s) unit of measure: m/s
Wind direction, range of measurement	0 – 359 degrees - no dead band, ±3° 0.02 – 89 mph and ±5° 89 – 134 mph
Humidity, relative, range of measurement	100%, ±2% @ 68°F (10% – 90% relative humidity)
Precipitation detection	yes
GPS	Horizontal position accuracy: <6' 6 3/4" (2.5m) Longitude and latitude accuracy: given with 6 decimal places Time to fix: <45 sec. from unit power up when stationary
IP rating	IP 66
Delivery includes	weatherstation with mounting brackets and 65' 7 3/8" connection cable incl. connection plug mounted on cable. WindowMaster connectors and cables must be used.
Notice	we reserve the right to make technical changes

Items	Item no.
Weather station incl. mounting brackets and connection cable	WOW 600

All dimensions are originally in metric units and converted into imperial units.  
For exact measurements please refer to documentation with metric values.