



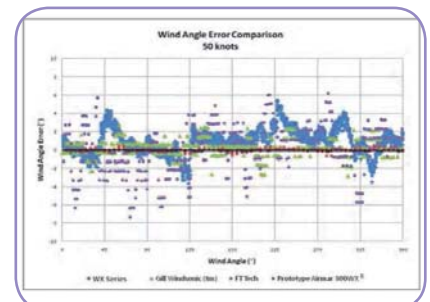
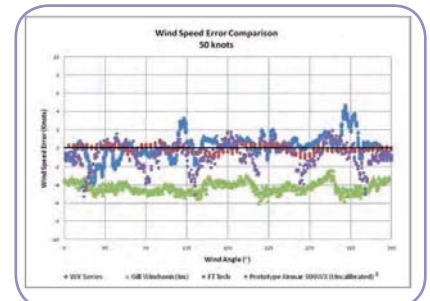
The 150-WX Compact Weather Station provides a wide variety of specific information on real time. This station offers high-accuracy specific data, allowing the user to monitor the weather conditions existing on remote locations.

It stands out for its compact construction and quantity of incorporated sensors, able to measure apparent wind speed and direction, barometric pressure, air temperature, relative humidity, dew point and wind chill temperature. With the compass and GPS, true wind speed and direction can be calculated on buoys or mobile supports.

The 150 WX Station has NMEA frames to be directly connected to an AIS AtoN unit and transmit the message 8.

FEATURES

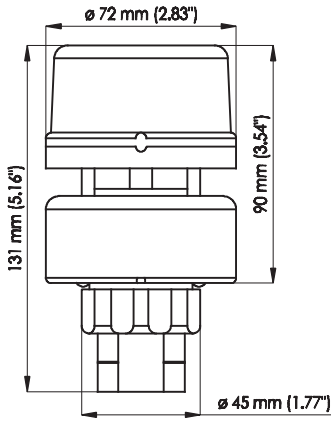
- ✓ The 150-WX weather station is the only one combining up to 7 sensors, all with no moving parts, in one compact unit allowing:
 - Improved reliability, due to high accuracy and durability in field.
 - True and apparent wind speed and direction (without additional sensors) with improved resolution from 0.5 to 0.1 knots.
- ✓ Other weather stations would need at least 3 separate sensors to achieve the same data provided by the 150-WX station.
- ✓ It includes a removable humidity sensor that can be installed or replaced in site, of IPX4 watertightness degree.
- ✓ It offers a power supply featuring a 50% reduction in current draw for use in remote locations that utilize solar or battery power.
- ✓ Data output via single cable for RS-232, RS-422 or CAN BUS (NMEA 2000).
- ✓ WeatherCaster PC software included for viewing the different parameters.
- ✓ The housing is completely watertight (IPX6) and resistant to the harshest marine conditions.



WEATHER STATION 150 WX

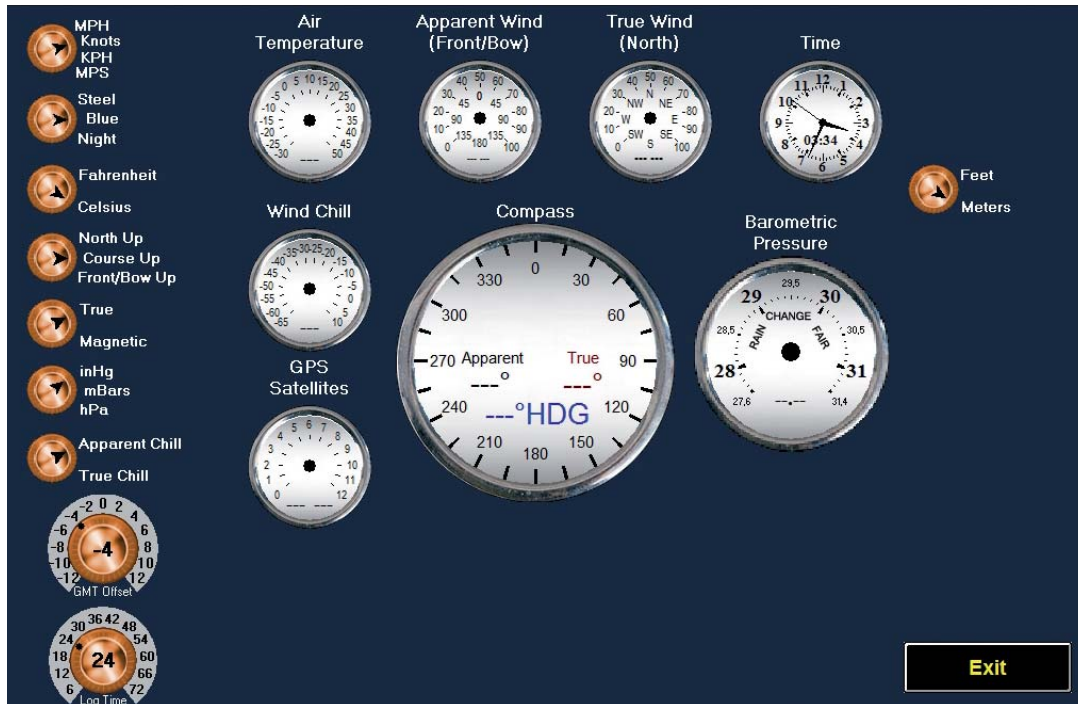


Specifications subject to change without previous notice.



Specifications	
Wind speed (range):	From 0 to 78 knots.
Wind speed (resolution):	0.1 knot.
Wind direction (range):	From 0° to 360°.
Wind direction (resolution):	0.1°.
Compass accuracy:	1° RMS.
Pitch and roll (accuracy):	±50°.
Air temperature (range):	-40°C to 55°C.
Air temperature (resolution):	0.1°C.
Barometric pressure (range):	300 mbar to 1,100 mbar.
Barometric pressure (resolution):	0.1 mbar.
Relative humidity (range):	10% to 95% RH.
Relative humidity (accuracy):	±4% units RH.
Operating temperature:	-25°C to 55°C .
Supply voltage:	9V c.c. to 40V c.c.
Current consumption:	< 70 mA.
Weight:	300 grammes.
Communications:	RS-232, RS-422 and CAN BUS.

WeatherCaster PC software
WeatherCaster PC software provides an intuitive and user-friendly application with the possibility to view parameters in analogical or digital modes. It can be completely custom-made and offers plug and play connectivity.



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