



1. Wind speed Range

Unit	Wind speed Range	Resolution	Lowest Point of start value	Accuracy
m/s	0.0~30.0	0.01	0.3	$\pm 3\% \pm 0.1$
Ft/min	0.0~5904	0.01/0.1/1	60	$\pm 3\% \pm 20$
Knots	0.0~58.3	0.01	0.6	$\pm 3\% \pm 0.2$
Km/h	0.0~108.0	0.01	1	$\pm 3\% \pm 0.4$
Mph	0.0~67	0.01	0.7	$\pm 3\% \pm 0.2$

2. Wind flow range

CFM: 0-999900 ft³/min

CMM: 0-999900m³/min

Unit	Range	Resolution	Area
CFM(FT ³ /MIN)	0-999900	0.001-100	0.001-9999ft ³
CMM(M ³ /MIN)	0-999900	0.001-100	0.001-9999m ³

3. Unit Conversation

	m/s	Ft/min	Knots	Km/h	Mph
1m/s	1	196.87	1.944	3.60	2.24
1ft/min	0.00508	1	0.00987	0.01829	0.01138
1knots	0.5144	101.27	1	1.8519	1.1523
1km/h	0.2778	54.69	0.54	1	0.6222
1mph	0.4464	87.89	0.8679	1.6071	1

4. Wind Temperature:

(1) Temperature Range

Unit	Scale	Resolution	Accuracy
°C	0~45	0.1	$\pm 1.0^{\circ}\text{C}$
°F	32~113	0.18	$\pm 1.8^{\circ}\text{F}$

Unit	Description	Min/Max	TYP	Test Conditions
mA	Operating Current1	15~35	25	Disconnect with probe
mA	Operating Current2	70~100	80	Connect with probe
V	Low battery indicating	3.3~3.5	3.4	

Temperature	0~50°C (32~122°F)
Humidity	40~80%RH

Temperature	-20~60°C (-4~140°F)
Humidity	≤80%RH

Hot Wire Anemometer Instruction Manual

MODEL: GT8911

