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Order no.

### GMW90R CO2, Humidity and Temperature Transmitter - BACnet/Modbus

		1 2 3 4 5 6 7 8 9 10 11 12													
Vaisala Carbocap® CO2, Humidity and Temperature Transmitter		GMW90R	5	0	A	A	A						A	Price	
6	Display and colour	Standard White (RAL9003, solid cover)												0	
		Standard White (RAL9003, display cover)												1	
		<i>Black (RAL9005, solid cover)</i>												2	
		<i>Black (RAL9005, display cover)</i>												3	
		<i>Grey (RAL7035, solid cover)</i>												4	
		<i>Grey (RAL7035, display cover)</i>												5	
		<i>Light Ivory (RAL1015, solid cover)</i>												6	
		<i>Light Ivory (RAL1015, display cover)</i>												7	
		<b>No logo, standard White (RAL9003, solid cover)</b>													8
		<b>No logo, standard White (RAL9003, display cover)</b>													9
	<b>Indicator cover (RAL9003, display and CO2 indicators)</b>												A		
7	Units	Metric											A		
		Non metric											B		
8	Display configuration	Default (T, RH, CO2)												A	
		T, h, CO2												H	
		T, Td, CO2												K	
		T, A, CO2												S	
		T, Tw, CO2												W	
		T, dTd, CO2												Y	
		T, X, CO2												X	
9	Elevation setting	Standard (sea level)												0	
		Custom Define _____ m (ft)												X	
10	CO2 indicator levels	None												0	
		Standard (800,1200 ppm)												1	
		Custom Define <b>Yellow</b> _____ <b>Red</b> _____ ppm												X	
12	Quick reference guide	No manual												0	
		Multilingual for analog devices												1	
		Multilingual for digital devices												2	

Accessories:

- HTM10SP Humidity and temperature module
- GM10SP CO2 measurement module
- 219980 Connection cable for HM70 hand-held meter
- 219690 USB cable for PC connection

**Selections in bold are included in the prices of the basic versions**

*Selections in italic are available at an extra cost*

GMW90R 5 0 A A A 1 A A 0 0 A 1

## GMW90R CO<sub>2</sub>, Humidity and Temperature Transmitter - Current output

Vaisala Carbocap® CO <sub>2</sub> , Humidity and Temperature Transmitter			GMW90R	4												A	Price
2	Output signal	4...20mA 0...20mA	3-wire 3-wire		4 5												
3	Analog output parameter for channel 1	RH Td x h, free scale Td, free scale CO <sub>2</sub> CO <sub>2</sub> CO <sub>2</sub> , free scale RH, free scale A, free scale T, free scale Tw, free scale dTd, free scale x, free scale	0...100 %RH -20 ... +55°C (-4 ... +131°F) 0 ... 100 g/kg (0 ... 700 gr/lb) Define Low High kJ/kg (Btu/lb) Define Low High °C (F) 0...2000 ppm 0...5000 ppm Define Low High ppm Define Low High %RH Define Low High g/m³ (gr/ft³) Define Low High °C (F) Define Low High °C (F) Define Low High °C (F) Define Low High g/kg (gr/lb)			B C D H K L M N R S T W Y X											
4	Output parameter for analog output 2	RH Td x T T h, free scale Td, free scale CO <sub>2</sub> , free scale RH, free scale A, free scale T, free scale Tw, free scale dTd, free scale x, free scale	0...100 %RH -20 ... +55°C (-4 ... +131°F) 0 ... 100 g/kg (0 ... 700 gr/lb) -5...+55 °C (+23...+131 F) 0...+60 °C (+32...+140 F) Define Low High kJ/kg (Btu/lb) Define Low High °C (F) Define Low High ppm Define Low High %RH Define Low High g/m³ (gr/ft³) Define Low High °C (F) Define Low High °C (F) Define Low High °C (F) Define Low High g/kg (gr/lb)			B C D E F H K N R S T W Y X											
5	Output parameter for analog output 3	RH Td x T T h, free scale Td, free scale RH, free scale CO <sub>2</sub> , free scale A, free scale T, free scale Tw, free scale dTd, free scale x, free scale	0...100 %RH -20 ... +55°C (-4 ... +131°F) 0 ... 100 g/kg (0 ... 700 gr/lb) -5...+55 °C (+23...+131 F) 0...+60 °C (+32...+140 F) Define Low High kJ/kg (Btu/lb) Define Low High °C (F) Define Low High %RH Define Low High ppm Define Low High g/m³ (gr/ft³) Define Low High °C (F) Define Low High °C (F) Define Low High °C (F) Define Low High g/kg (gr/lb)			B C D E F H K R N S T W Y X											
6	Display and colour	Standard White (RAL9003, solid cover) Standard White (RAL9003, display cover) Black (RAL9005, solid cover) Black (RAL9005, display cover) Grey (RAL7035, solid cover) Grey (RAL7035, display cover) Light Ivory (RAL1015, solid cover) Light Ivory (RAL1015, display cover) No logo, standard White (RAL9003, solid cover) No logo, standard White (RAL9003, display cover) Indicator cover (RAL9003, display and CO <sub>2</sub> indicators)				0 1 2 3 4 5 6 7 8 9											
7	Units	Metric Non metric				A B											
8	Display configuration	Default (T, RH, CO <sub>2</sub> ) T, h, CO <sub>2</sub> T, Td, CO <sub>2</sub> T, A, CO <sub>2</sub> T, Tw, CO <sub>2</sub> T, dTd, CO <sub>2</sub> T, X, CO <sub>2</sub>	Enthalpy Dewpoint Absolute humidity Wetbulb temperature Dewpoint depression Mixing ratio			A H K S W Y X											
9	Elevation setting	Standard (sea level) Custom	Define m (ft)			0 X											
10	CO <sub>2</sub> indicator levels	None Standard Custom	(800,1200 ppm) Define Yellow Red ppm			0 1 X											
12	Quick reference guide	No manual Multilingual for analog devices				0 1											

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GMW90R3 4 L B E 1 A A 0 0 A 1

