



Ordering Information Vivarium Combo Sensor & Display										List Price	Your Order		
Display Mode													
F	Temperatures Displayed in °F												
C	Temperatures Displayed in °C												
Accuracy													
2	Accuracy in % for the Relative Humidity Output (i.e. ±2% RH)									\$200	\$ _____		
3	Accuracy in % for the Relative Humidity Output (i.e. ±3% RH)									\$170	\$ _____		
Channel # 1* - T, H, R are placeholders for the range options. (See inset)													
-0 T	Temperature Output, 4-20 mA									\$50 for Channel #1	\$ _____		
-1 T	Temperature Output, 0-5 V												
-2 T	Setpoint Output, Temperature 4-20 mA												
-3 T	Setpoint Output, Temperature 0-5 V												
-4 H	Setpoint Output, %RH 4-20 mA												
-5 H	Setpoint Output, %RH 0-5V												
Channel # 2* - T, H, R are placeholders for the range options. (See inset)													
-10 H	%RH Output, 4-20 mA									\$50 for Channel #2	\$ _____		
-11 H	%RH Output, 0-5 V												
-12 T	Setpoint Output, Temperature 4-20 mA												
-13 T	Setpoint Output, Temperature 0-5 V												
-14 H	Setpoint Output, %RH 4-20 mA												
-15 H	Setpoint Output, %RH 0-5 V												
Channel # 3* - T, H, R are placeholders for the range options. (See inset)													
-20 T R	Setpoint Output, Temperature Resistive w/ Override									\$50 for Channel #3	\$ _____		
-21 T	Setpoint Output, Temperature 0-5 V w/Override												
-22 H R	Setpoint Output, %RH Resistive w/ Override												
-24 T R	Setpoint Output, Temperature Resistive w/o Override												
-25 T	Setpoint Output, Temperature 0-5 V w/o Override												
-26 H R	Setpoint Output, %RH Resistive w/o Override												
-27 H	Setpoint Output, %RH 0-5 V w/o Override												
-28	Override Only (High Ω -> Low Ω)												
-29	Override Only (5 V -> 0 V)												
Sensor Type (if resistive sensor required)													
-0	100 Platinum RTD, 100 Ω @ 0 °C, 0.385 Ω/°C temp. coeff.									RTD's \$25 Each or \$35 for 1NI	\$ _____		
-1375	1K Platinum RTD, 1,000 Ω @ 0 °C, 3.75 Ω/°C temp. coeff.												
-1NI	1K Ω Nickel @ 21°C, 5 Ω/°C temp. coeff.												
-1	1K Platinum RTD, 1,000 Ω @ 0 °C, 3.85 Ω/°C temp. coeff.									Thermistors \$18 Each	\$ _____		
-2	2K Silicon RTD, 2,000 Ω @ 20 °C, 8 Ω/°C temp. coeff.												
-18	1.8K Thermistor, 1,800 Ω @ 25 °C												
-22	2.2K Thermistor, 2,200 Ω @ 25 °C												
-3	3K Thermistor, 3,000 Ω @ 25 °C												
-33	3.3K Thermistor, 3,300 Ω @ 25 °C												
-102	10K-2 Thermistor, 10,000 Ω @ 25 °C												
-103	10K-3 Thermistor, 10,000 Ω @ 25 °C												
-10311	10K-3(11K) Therm., 5,238 Ω @ 25 °C, 11kΩ shunt resistor												
-20	20K Thermistor, 20,000 Ω @ 25 °C												
-47	47K Thermistor, 47,000 Ω @ 25 °C									Semi-conductors \$25 Each	\$ _____		
-50	50K Thermistor, 50,000 Ω @ 25 °C												
-100	100K Thermistor, 100,000 Ω @ 25 °C												
-334	LM334 Semiconductor												
-592	AD592 Semiconductor, 273 μA @ 0 °C												
Optional Communication Jack													
-C11L	RJ11 (4 pin) Style Jack with Leads									\$20	\$ _____		
-C11LT	RJ11 (4 pin) Style Jack with Leads and Terminal Block									\$20	\$ _____		
-C35L	3.5 mm Phono Jack w/ Leads Attached									\$10	\$ _____		
-C35LT	3.5 mm Phono Style Jack with Leads and Terminal Block									\$10	\$ _____		
-C22L	RJ22 (4 pin) Style Jack with Leads Attached									\$25	\$ _____		
-C22LT	RJ22 (4 pin) Style Jack with Leads and Terminal Block									\$25	\$ _____		
Optional Test & Balance Switch**													
-TB	3 Position Switch - "Low" & "High" values vary, "Normal" is live sensor value, call for details.*									\$7.50	\$ _____		
Wall Plate Unit													
-SPV	Stainless Steel Wall Plate									\$200	\$ _____		
EXAMPLE													
BA/XC	F	3	-4	M	-20	C	P	-102	-C11L	-TB	-SPV	Total =	\$ _____
Example Part Number: BA/XCF3-4M-10M-20CP-102-C11L-TB-SPV													
Your Part Number:													

Range Options		
T = Temperature Range		
Designator	°F	°C
C	50 to 90	10 to 32
D	55 to 85	13 to 30
E	60 to 80	15 to 27
F	65 to 80	18 to 27
G	45 to 96	7 to 35
H = Relative Humidity Range		
Designator	%RH	
M	0 to 100	
R = Resistance Range		
Designator	Ohms	
P	0 to 20k	
Q	4.75k to 24.75k	
R	6.19k to 26.19k	
S	7.87k to 27.87k	
T	10k to 30k	

Call BAPI if you have questions about the above ordering grid or the configuration of the product you are ordering.

* Channel 1, 2 or 3 are required

** Test & Balance is only available with Direct Sensor Type Output



Vivarium Combo Sensor & Display

B23

Humidity or Temp./Humidity Combo Units

Rev. 07/21/10



**Vivarium Wall Plate
Sensor and Room
Unit Combo**
BA/XCF-20GQ-102-SPV



Part Numbers & Pricing for the Vivarium Combo Room Units

PART NUMBERS FOR 2-CHANNEL UNITS

DESCRIPTION (HUMIDITY ONLY UNIT)

LIST PRICE

BA/XCF2-4M-10M-SPV	±2% RH accuracy, %RH Setpoint on Ch.#1, %RH on Ch.#2 . . .	\$580 (\$200+\$80+\$50+\$50+\$200)
BA/XCF3-4M-10M-SPV	±3% RH accuracy, %RH Setpoint on Ch.#1, %RH on Ch.#2 . . .	\$550 (\$200+\$50+\$50+\$50+\$200)

PART NUMBERS FOR 2-CHANNELS & SENSOR

DESCRIPTION (TEMP & HUMIDITY UNITS)

LIST PRICE

BA/XCF2-4M-10M-102-SPV	±2% RH acc., %RH Setpoint Ch.#1, %RH output on Ch.#2 10K-2 thermistor temperature sensor	\$598 (\$200+\$80+\$50+\$50+\$18+\$200)
BA/XCF3-4M-10M-102-SPV	±3% RH acc., %RH Setpoint Ch.#1, %RH output on Ch.#2 10K-2 thermistor temperature sensor	\$568 (\$200+\$50+\$50+\$50+\$18+\$200)

PART NUMBERS FOR 3-CHANNELS & SENSOR

DESCRIPTION (TEMP & HUMIDITY UNITS)

LIST PRICE

BA/XCF2-5M-11M-25D-102-SPV	±2% RH acc., %RH Setpoint Ch.#1, %RH output on Ch.#2 Temp. Setpoint Ch.#3, 10K-2 thermistor temp sensor	\$648 (\$200+\$80+\$50+\$50+\$50+\$18+\$200)
BA/XCF3-5M-11M-25D-102-SPV	±3% RH acc., %RH Setpoint Ch.#1, %RH output on Ch.#2 Temp. Setpoint Ch.#3, 10K-2 thermistor temp sensor	\$618 (\$200+\$50+\$50+\$50+\$50+\$18+\$200)

Note: Higher accuracy thermistors (± 0.1 °C versus the standard ± 0.2 °C throughout the temperature range of 0 to 70 °C) are available for an additional charge. Please call BAPI for the availability and price of the precision line of thermistors. Specify the higher accuracy thermistor in the part number by adding [XP] after the thermistor number.

Example: BA/XCF2-4M-10M-102[XP]-SPV

Note: Higher accuracy RTDs are available for an additional charge. The Class A line has an interchangeability tolerance of ± 0.15 °C at 0 °C rather than the standard ± 0.3 °C at 0 °C. Please call BAPI for the availability and price of the precision line of RTDs. Specify the higher accuracy RTD in the part number by adding [A] after the RTD number.

Example: BA/XCF2-4M-10M-1[A]-SPV

Replacement Vivarium Unit Filter and Cap

<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>LIST PRICE</u>
BA/HDOFS	Duct or Outside Air 100 Micron Stainless Steel Humidity Filter.	\$30
BA/VFC	Vivarium Filter Cap	\$1.75



**Replacement
Filter and Cap**

Gray shaded items follow the Buy and Resale Multiplier.