

**Features**

- MotionAlert™ feature activates when the unit does not detect movement for 30 seconds, indicating “man down”
- Auto calibration features saves time and calibration gas by calibrating all sensors simultaneously
- Bump check verification display checkmark appears for 24 hours following a successful bump check
- QuickCheck™ Test allows automatic bump-testing a simple PASS or FAIL indication
- Rugged rubberized armor case provides a non-slip profile for secure grip, and survives a 10' drop test
- 3rd-party-verified IP67 rating for dust and water ingress
- Lithium-polymer battery pack and 16-hour run time and quick battery recharge
- Galaxy® System-compatible for automatic testing, calibration, and recordkeeping
- MSA Link™ Software allows all stored records to be easily accessed for printed calibration reports, and alarm set points changes
- Large LCD provides simultaneous readings of all gases monitored
- Vibrating alarm alerts users of alarm conditions in noisy environments
- Bright visual alarms on the unit's top AND bottom grab the user's attention
- Loud audible alarm grabs user's attention by sounding a loud and piercing 95dB horn
- Ergonomically-designed large buttons ensure easy reach and operation, even with gloved hands

# ALTAIR® 4 Multigas Detector

## Assemble-To-Order System and Pricing Guide



### Approvals/Replacement Parts/Kits

ALTAIR 4 Multigas Detector (UL approval), with quick-start card, data logging, charger, calibration cap and tubing, CD manual

Description	Part No.	List Price
ALTAIR 4 Multigas Detector (LEL, O <sub>2</sub> , CO, H <sub>2</sub> S)	10085981	\$673.00
ALTAIR 4 Multigas Detector with MotionAlert feature (LEL, O <sub>2</sub> , CO, H <sub>2</sub> S)	10085989	\$713.00
ALTAIR 4 Multigas Detector (LEL, O <sub>2</sub> , CO)	10089103	\$653.00
ALTAIR 4 Multigas Detector with MotionAlert feature (LEL, O <sub>2</sub> , CO)	10089105	\$693.00
ALTAIR 4 Multigas Detector (LEL, O <sub>2</sub> )	10089104	\$523.00
ALTAIR 4 Multigas Detector with MotionAlert feature (LEL, O <sub>2</sub> )	10089106	\$563.00

Calibration Accessories	Part No.	List Price
Regulator 0.25 lpm Model RP	467895	\$184.62
34L quad gas mix (1.45% CH <sub>4</sub> , 15% O <sub>2</sub> , 60 ppm CO, 20 ppm H <sub>2</sub> S)	10048280	\$225.42
Calibration assembly (cap, tube, connector)	10089321	\$13.77
58L Quad gas mix (1.45% CH <sub>4</sub> , 15% O <sub>2</sub> , 60 ppm CO, 20 ppm H <sub>2</sub> S)	10045035	\$337.62

  

Power Supply	Part No.	List Price
Charging cradle assembly	10086639	\$21.42
North American power supply	10087913	\$29.58

Accessories	Part No.	List Price
Stainless steel suspender clip	10069894	\$9.44
Universal pump probe (UL)	10046528	\$406.98
MSA Link™ Software CD-ROM	10088099	\$45.90
JetEye IR Adapter with USB connector	10082834	\$188.70
Hand aspirator assembly	10050333	\$76.50

Sensors / Spare Parts	Part No.	List Price
Combustible sensor	10089116	\$178.50
O <sub>2</sub> sensor	10089163	\$153.00
CO/H <sub>2</sub> S duo-tox sensor	10089117	\$229.50
Sensor replacement kit (duo-tox O <sub>2</sub> , combustible)	10089118	\$459.00
Front housing with integrated dust filters	10089162	\$21.42
Main board with battery pack	10089161	\$178.50
LCD frame assembly (frame, LCD, zebra strips, screws)	10089120	\$35.70
Spare filters, sensors gasket, phillips screws (4x)	10088976	\$20.30
CD manual, ALTAIR 4 Multigas Detector	10088159	\$19.38

Galaxy System for Altair 4 see Galaxy ATO

Description	CSA Part No.	ATEX Part No.	AUS/NZ Part No.
ALTAIR 4 Multigas Detector (LEL, O <sub>2</sub> , CO, H <sub>2</sub> S)	10089091	10089097	10089081
ALTAIR 4 Multigas Detector with MotionAlert feature (LEL, O <sub>2</sub> , CO, H <sub>2</sub> S)	10089094	10089100	10089088
ALTAIR 4 Multigas Detector (LEL, O <sub>2</sub> , CO)	10089092	10089098	10089082
ALTAIR 4 Multigas Detector with MotionAlert feature (LEL, O <sub>2</sub> , CO)	10089095	10089101	10089089
ALTAIR 4 Multigas Detector (LEL, O <sub>2</sub> )	10089093	10089099	10089084
ALTAIR 4 Multigas Detector with MotionAlert feature (LEL, O <sub>2</sub> )	10089096	10089102	10089090

ALTAIR 4 Kits, 4-gas in black case with calibration cylinder and 0.25 lpm regulator			
Description	UL Approval Part No.	CSA Approval Part No.	Price
ALTAIR 4, 4 gas	10096627	10096751	\$1,182.00
ALTAIR 4, 4 gas with Universal pump probe	10096628	10096752	\$1,588.00
ALTAIR 4, 4 gas with MotionAlert	10096629	10096753	\$1,222.00
ALTAIR 4, 4 gas, MotionAlert/Universal pump probe	10096630	10096754	\$1,628.00

**Note:** This Bulletin contains only a general description of the products shown. While uses and performance capabilities are described, under no circumstances shall the products be used by untrained or unqualified individuals and not until the product instructions including any warnings or cautions provided have been thoroughly read and understood. Only they contain the complete and detailed information concerning proper use and care of these products.



**Corporate Headquarters**  
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Fax 1-800-967-0398

**MSA Canada**  
Phone 416-620-4225  
Fax 416-620-9697  
**MSA Mexico**  
Phone 52-55 21 22 5770  
Fax 52-55 5359 4330

**MSA International**  
Phone 412-967-3354  
Fax 412-967-3451



**MSA**  
The Safety Company

# ALTAIR 4 Multigas Detector Assemble-to-Order (ATO) Options

- To create your instrument configuration, select the instrument option code and mark them in the boxes to the right.
- To calculate your instrument price, write in the price for each option in the space provided to the right, add up the total to the base price of \$173 and write it in the "Total Unit Price" box below.

<b>A.</b> Instrument Type	Choose your instrument type. For a standard unit, choose <b>S</b> . To have your ALTAIR 4 Multigas Detector equipped with the MotionAlert feature to indicate "man-down", please choose <b>A</b> .	<table border="1"> <thead> <tr> <th>Instrument Type</th> <th>Code</th> <th>Price</th> <th>Selection</th> <th>Price</th> </tr> </thead> <tbody> <tr> <td>Standard</td> <td>S</td> <td>\$0.00</td> <td><input type="checkbox"/></td> <td></td> </tr> <tr> <td>MotionAlert feature</td> <td>A</td> <td>\$40.00</td> <td><input type="checkbox"/></td> <td>\$</td> </tr> </tbody> </table>	Instrument Type	Code	Price	Selection	Price	Standard	S	\$0.00	<input type="checkbox"/>		MotionAlert feature	A	\$40.00	<input type="checkbox"/>	\$																									
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<b>B.</b> Combustible Sensor	Choose your combustible sensor calibration. To select 0-100% LEL pentane, please choose <b>L</b> , for 0-5% Vol methane, choose <b>M</b> . For no combustible sensor, select <b>0</b> for none.	<table border="1"> <thead> <tr> <th>Combustible Sensor Options</th> <th>Code</th> <th>Price</th> <th>Selection</th> <th>Price</th> </tr> </thead> <tbody> <tr> <td>None</td> <td>0</td> <td>\$0.00</td> <td><input type="checkbox"/></td> <td></td> </tr> <tr> <td>LEL 1-100% pentane</td> <td>L</td> <td>\$175.00</td> <td><input type="checkbox"/></td> <td>\$</td> </tr> <tr> <td>0-5% Vol methane</td> <td>M</td> <td>\$175.00</td> <td><input type="checkbox"/></td> <td></td> </tr> </tbody> </table>	Combustible Sensor Options	Code	Price	Selection	Price	None	0	\$0.00	<input type="checkbox"/>		LEL 1-100% pentane	L	\$175.00	<input type="checkbox"/>	\$	0-5% Vol methane	M	\$175.00	<input type="checkbox"/>																					
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<b>C.</b> Oxygen Sensor	To have an oxygen sensor installed in your new ALTAIR 4 Multigas Detector, please select <b>1</b> . For no oxygen sensor, please select <b>0</b> .	<table border="1"> <thead> <tr> <th>Oxygen Sensor Options</th> <th>Code</th> <th>Price</th> <th>Selection</th> <th>Price</th> </tr> </thead> <tbody> <tr> <td>None</td> <td>0</td> <td>\$0.00</td> <td><input type="checkbox"/></td> <td></td> </tr> <tr> <td>0-25% Vol</td> <td>1</td> <td>\$150.00</td> <td><input type="checkbox"/></td> <td>\$</td> </tr> </tbody> </table>	Oxygen Sensor Options	Code	Price	Selection	Price	None	0	\$0.00	<input type="checkbox"/>		0-25% Vol	1	\$150.00	<input type="checkbox"/>	\$																									
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<b>D.</b> Toxic Sensor	To configure your new ALTAIR 4 Multigas Detector, choose <b>1</b> for both CO and H2S sensors. For no toxic sensor, enter <b>0</b> .	<table border="1"> <thead> <tr> <th>Toxic Sensor Options</th> <th>Code</th> <th>Price</th> <th>Selection</th> <th>Price</th> </tr> </thead> <tbody> <tr> <td>None</td> <td>0</td> <td>\$0.00</td> <td><input type="checkbox"/></td> <td></td> </tr> <tr> <td>0-999 ppm CO and 0-200 ppm H<sub>2</sub>S</td> <td>1</td> <td>\$150.00</td> <td><input type="checkbox"/></td> <td>\$</td> </tr> <tr> <td>0-999 ppm CO</td> <td>2</td> <td>\$130.00</td> <td><input type="checkbox"/></td> <td></td> </tr> <tr> <td>0-200 ppm H<sub>2</sub>S</td> <td>3</td> <td>\$130.00</td> <td><input type="checkbox"/></td> <td></td> </tr> </tbody> </table>	Toxic Sensor Options	Code	Price	Selection	Price	None	0	\$0.00	<input type="checkbox"/>		0-999 ppm CO and 0-200 ppm H <sub>2</sub> S	1	\$150.00	<input type="checkbox"/>	\$	0-999 ppm CO	2	\$130.00	<input type="checkbox"/>		0-200 ppm H <sub>2</sub> S	3	\$130.00	<input type="checkbox"/>																
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<b>E.</b> Power Supply	Select the correct power supply for your region. Add an instrument cradle to firmly secure your instrument while charging on the shelf or on your fire truck.	<table border="1"> <thead> <tr> <th>Power Supply Options</th> <th>Code</th> <th>Price</th> <th>Selection</th> <th>Price</th> </tr> </thead> <tbody> <tr> <td>None</td> <td>0</td> <td>\$0.00</td> <td><input type="checkbox"/></td> <td></td> </tr> <tr> <td>North American</td> <td>N</td> <td>\$25.00</td> <td><input type="checkbox"/></td> <td>\$</td> </tr> <tr> <td>European</td> <td>E</td> <td>\$55.00</td> <td><input type="checkbox"/></td> <td></td> </tr> <tr> <td>Australian</td> <td>A</td> <td>\$55.00</td> <td><input type="checkbox"/></td> <td></td> </tr> <tr> <td>North American with cradle</td> <td>M</td> <td>\$40.00</td> <td><input type="checkbox"/></td> <td></td> </tr> <tr> <td>European with cradle</td> <td>F</td> <td>\$65.00</td> <td><input type="checkbox"/></td> <td></td> </tr> <tr> <td>Australian with cradle</td> <td>B</td> <td>\$65.00</td> <td><input type="checkbox"/></td> <td></td> </tr> </tbody> </table>	Power Supply Options	Code	Price	Selection	Price	None	0	\$0.00	<input type="checkbox"/>		North American	N	\$25.00	<input type="checkbox"/>	\$	European	E	\$55.00	<input type="checkbox"/>		Australian	A	\$55.00	<input type="checkbox"/>		North American with cradle	M	\$40.00	<input type="checkbox"/>		European with cradle	F	\$65.00	<input type="checkbox"/>		Australian with cradle	B	\$65.00	<input type="checkbox"/>	
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<b>F.</b> Approval Label	Choose the applicable approval label for your area. For USA choose <b>U</b> , for Europe choose <b>E</b> , for Canada choose <b>C</b> , and for Australia choose <b>A</b> .	<table border="1"> <thead> <tr> <th>Approval Label Options</th> <th>Code</th> <th>Price</th> <th>Selection</th> <th>Price</th> </tr> </thead> <tbody> <tr> <td>UL</td> <td>U</td> <td>\$0.00</td> <td><input type="checkbox"/></td> <td></td> </tr> <tr> <td>European ATEX</td> <td>E</td> <td>\$0.00</td> <td><input type="checkbox"/></td> <td>\$</td> </tr> <tr> <td>CSA</td> <td>C</td> <td>\$0.00</td> <td><input type="checkbox"/></td> <td></td> </tr> <tr> <td>Australia</td> <td>A</td> <td>\$0.00</td> <td><input type="checkbox"/></td> <td></td> </tr> </tbody> </table>	Approval Label Options	Code	Price	Selection	Price	UL	U	\$0.00	<input type="checkbox"/>		European ATEX	E	\$0.00	<input type="checkbox"/>	\$	CSA	C	\$0.00	<input type="checkbox"/>		Australia	A	\$0.00	<input type="checkbox"/>																
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<b>G.</b> Extended Warranty	MSA offers a back-to-back full warranty. Choose <b>0</b> for the standard two-year warranty. Choose <b>1</b> for an additional year warranty (three years total), or <b>2</b> for two additional years warranty (four years total), including case, electronics, batteries and sensor replacement.	<table border="1"> <thead> <tr> <th>Extended Warranty Options</th> <th>Code</th> <th>Price</th> <th>Selection</th> <th>Price</th> </tr> </thead> <tbody> <tr> <td>Two years standard</td> <td>0</td> <td>\$0.00</td> <td><input type="checkbox"/></td> <td></td> </tr> <tr> <td>Three years total</td> <td>1</td> <td>\$395.00</td> <td><input type="checkbox"/></td> <td>\$</td> </tr> <tr> <td>Four years total</td> <td>2</td> <td>\$485.00</td> <td><input type="checkbox"/></td> <td></td> </tr> </tbody> </table>	Extended Warranty Options	Code	Price	Selection	Price	Two years standard	0	\$0.00	<input type="checkbox"/>		Three years total	1	\$395.00	<input type="checkbox"/>	\$	Four years total	2	\$485.00	<input type="checkbox"/>																					
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<b>H.</b> Packaging	To order a 10-unit bulk package choose <b>1</b> (one instrument version per package); to order the standard single unit carton choose <b>0</b> .	<table border="1"> <thead> <tr> <th>Packaging</th> <th>Code</th> <th>Price</th> <th>Selection</th> <th>Price</th> </tr> </thead> <tbody> <tr> <td>Single carton</td> <td>0</td> <td></td> <td><input type="checkbox"/></td> <td></td> </tr> <tr> <td>10-unit bulk package</td> <td>1</td> <td>Total price X 10</td> <td><input type="checkbox"/></td> <td>\$</td> </tr> </tbody> </table>	Packaging	Code	Price	Selection	Price	Single carton	0		<input type="checkbox"/>		10-unit bulk package	1	Total price X 10	<input type="checkbox"/>	\$																									
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## Your Model Part Number

Please write in numbers from selections above in appropriate boxes and contact your Safety Products Distributor to place your order.

Selection ... **A** **B** **C** **D** **E** **F** **G** **H**  
 A-ALT4-  -  -  -  -  -  -  -

Add base unit price **\$173.00**

Total Unit Price = \$

**All Pricing is in US Dollars**