

# MSA ModCon™ 75 Controller



- ➔ Self-configuring to Ultima® X Gas Monitors with X<sup>3</sup> Technology
- ➔ ModBUS RTU input
- ➔ ModBUS-over-Ethernet interface
- ➔ View and control of up to 25 Ultima X Gas Monitors with X<sup>3</sup> Technology (75 total sensors)
- ➔ All pertinent data displays on main data screen
- ➔ 24 VDC power supply
- ➔ Seven-year battery backup provides memory and real-time clock
- ➔ Logs up to 2000 events
- ➔ Nine zone control relays
- ➔ Password-protected
- ➔ cUL listed (panel only)

**The perfect partner for your Ultima X Series Gas Monitors with X<sup>3</sup> Technology.**

MSA's ModCon75 Controller is designed for use with your Ultima X Gas Monitor with X<sup>3</sup> Technology, enabling self-configuration, saving time and money. This new, economical choice is suitable for all industrial, municipal, oil, gas, petrochemical, and HVAC applications.



Pre-programmed, self-configuring controller for monitoring up to 25 Ultima<sup>®</sup> X Gas Monitors with X<sup>3</sup> Technology (75 sensors total). Compact unit allows for remote control of many features. ModBUS RTU input and ModBUS-over-Ethernet interface capability.

### Specifications: ModCon75 Controller

#### PHYSICAL CHARACTERISTICS

Panel Mount	Weight: 3 lbs.
	Dimensions: 6.1"H x 10.24"W x 2.8"D
	Enclosure type: none
	Maximum number of sensors: 75
	Front panel is IP65/NEMA 4X (when mounted)
	Mounting provisions: installation designed for panel mount
Wall Mount	Weight: 15.6 lbs
	Dimensions: 17.6"H x 15.3"W x 7.3"D
	Enclosure type: Fiberglass enclosure with panel mount display and controls
	Maximum number of sensors: 75
	Mounting provisions: 4 mounting holes located on top and bottom (2 each) for flat surface attachment

#### GRAPHICAL DISPLAY SCREEN

Type	Negative blue STN LCD graphical display
Illumination Backlight	CCFL (fluorescent lamp)
Display Resolution	240 x 64 pixels
HMI Displays	Up to 255

#### BATTERY BACKUP

Battery Backup	7-year typical battery backup for all memory sections and real-time clock
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#### ENVIRONMENTAL

Temperature	Operating temperature range: 0° to 50°C (32° to 122°F)
Humidity	Operating humidity range: 5-95% RH, non-condensing

**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.

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**Corporate Headquarters**  
P.O. Box 426, Pittsburgh, PA 15230 USA  
Phone 412-967-3000  
[www.MSAnet.com](http://www.MSAnet.com)

**U.S. Customer Service Center**  
Phone 1-800-MSA-INST  
Fax 1-724-776-3280

**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

**Offices and representatives worldwide**  
For further information:

### Typical Display



- Scrolling display features sensor gas type, gas reading, and engineering units.
- Unit continuously scrolls through sensor screens.
- OPC-compliant for graphics, displays, and datalogging.

### Main Menu



- Navigate through the menu options using plain language text for improved ease of use.
- Offers easy access to add nodes, view and edit alarm set-points, set zone relays, and set password.

### Alarm Set-Points



- Factory set-points are downloaded automatically from the Ultima X Gas Monitor with X<sup>3</sup> Technology during setup.
- Alarm set-points are easily modified by user at the ModCon75 or gas monitor.
- Sensor alarm options include on/off, latching/non-latching and increasing/decreasing.
- Password-protected.

### Options:

- Choice of panel- or wall-mounted versions

PART #	DESCRIPTION
10081284	Panel Mount
10096178	Wall Mount

