

Retrofit Alarm

Product Specification

Features and Benefits

- High visibility LED readouts
- Field adjustable pressure settings for each module
- Local or remote sensors
- Adjustable audible repeat cycle

Specification



Retrofit Alarm

The Ohio Medical® retrofit alarm is designed to replace and/or update most manufacturer's master alarms, area alarms and combination alarms without disturbing the wall.

The retrofit alarm kit includes a front panel display, a frame to cover the existing box, a power supply assembly, and area sensors if required.

The retrofit alarm is available in two sizes, four and six bay. The four bay box can accommodate up to 6 gases, or a combination of 4 gases and a 10 point master alarm with overall frame size of 19" L X 11.5" H. The six bay can accommodate up to 8 gases and a 10 point master alarm with an overall frame size of 26" L X 11.5" L. The retrofit box can be fitted in any combination with each vertical slot capable of housing one master module or two area gas modules.

Area sensors are available either local for installation within the existing box or with remote sensors located outside the box which can be wired back to the alarm and can monitor gas pressure up to 5,000 feet away.

Each area gas module shall contain an LED digital readout reflecting a maximum range of 0-250 psig for pressure and 0-30" Hg for vacuum. Each module shall be equipped with a series of LED's to indicate gas pressure / alarm status consisting of green for normal line pressure, yellow for abnormal and red for alarm. Dry contacts for remote monitoring are standard.

The area alarms shall be preset at the factory with an accuracy of 1% of full scale; a variation of 20% + or - shall create an alarm condition for pressurized gases and the vacuum modules shall be preset to alarm when the vacuum is decreased below 12" Hg. When this occurs, an audible and visual alarm shall be activated.

The master alarm module has 10 alarm points. Each point shall have an identification label and will monitor a specific function by means of a dedicated LED warning light. The red LED light will flash when an alarm condition is created. If several alarm conditions occur simultaneously, the most recent alarm light will flash while the other alarms lights will remain lit. When a alarm condition is created, an audible alarm shall be activated.

The audible alarm silence feature shall have an adjustable repeat range and rating of 80 dBA measured at three feet.

The microprocessor annunciator panel shall be equipped with "Test" and Silence/Reset" button. When the "Test" button is depressed all displays segments and all independent LED's will be illuminated and the audible alarm will sound. The alarm "Silence/reset" button is to quiet the audible alarm after it has sounded and to reset the alarm after an alarm condition has been resolved.

The audible alarm will sound when pressure input increases above the specified high set-point; when the pressure/vacuum decreases below a specific low set-point; when an alarm condition is detected on the master alarm module or when sensor module wiring becomes disconnected.

4-Bay Alarm
263000-XXXXXXXX

Replace X with Gas	
1	Oxygen
2	Vacuum
3	N2O
4	Medical Air
5	Nitrogen
6	WAGD
7	CO2

Replace XX with Points	
10	10 POINT
20	20 POINT
30	30 POINT
40	40 POINT
50	50 POINT

Note: 4-Bay Alarm contain a maximum of (3) open slots to install area or master alarms boards. Each slot is large enough to contain 2 area alarm boards or 1 master alarm board (10) point

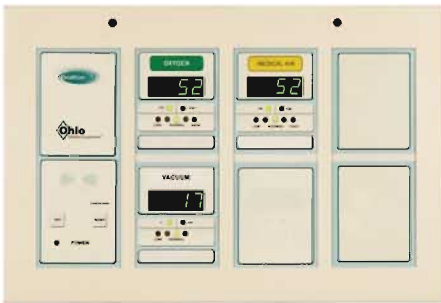
6-Bay Alarm
263001-XXXXXXXX

Replace X with Gas	
1	Oxygen
2	Vacuum
3	N2O
4	Medical Air
5	Nitrogen
6	WAGD
7	CO2

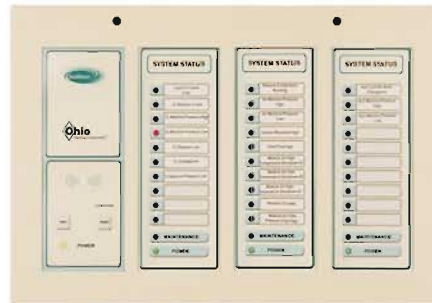
Replace XX with Points	
10	10 POINT
20	20 POINT
30	30 POINT
40	40 POINT
50	50 POINT

Note: 6-Bay Alarm contain a maximum of (5) open slots to install area or master alarms boards. Each slot is large enough to contain 2 area alarm boards or 1 master alarm board (10) point

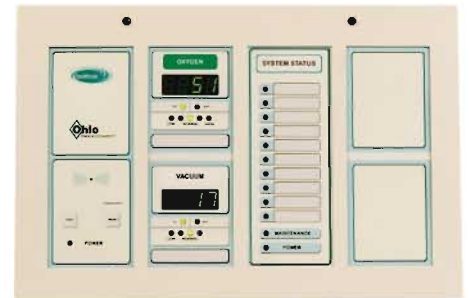
Area Alarm



Master Alarm



Combination Alarm



Part Number Example

- Area Alarm:** 4 Gases with Local Sensors (O2, Air, Vac, N2O) = 263001-1423-L
- Combo Alarm:** 10 point master and 3 gases with remote sensors (O2, Air, Vac) = 263001-10142-R
- Master Alarm:** 20 point = 263000-20

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