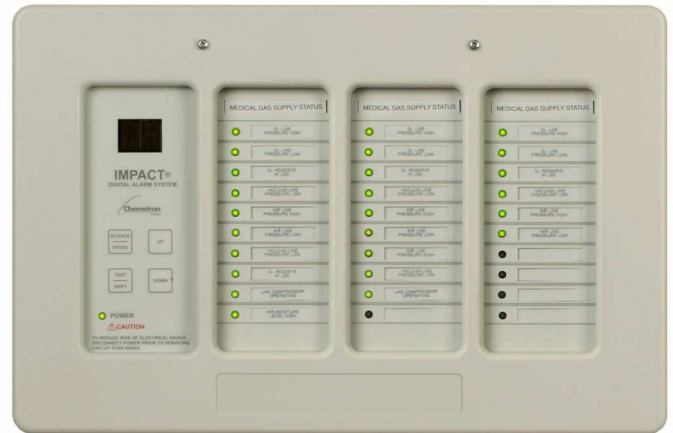# IMPACT® Alarm System Master Alarm Panels

Elements

- Master alarm can monitor up to 60 signals.

- Master alarm can also monitor area alarms through the area alarm dry contact outputs.

- Complies with NFPA99.

- UL listed and ULC approved.

- Primary power design accepts 115 or 220 VAC.

- Remote output contacts standard.

- Communicates with PC-based alarm monitor software. (Software and Interface Module sold separately.)

- Patent pending.

Description

IMPACT® master alarm panels shall be designed to meet the requirements of NFPA and CSA standards. Alarms shall be UL listed and ULC approved as an assembly and shall include all necessary displays, factory wiring, transformers and circuitry requiring only 115 volt or 230 VAC primary power. Internal voltage shall be stepped down to 15VDC and 5 VDC for control circuit power.

Master alarm panels shall be modular in design. Each panel shall include one or more 10-signal annunciator modules for wiring to remote switches. External switches shall be normally closed (NC) type, per NFPA99.

Each alarm signal shall be labeled for its function using self- adhesive labels provided with the unit. Adjacent to each signal label shall be a 3-color Light Emitting Diode (LED) to signify condition of the external switch. In the normal state (not in alarm) the LED shall be illuminated green. Activation of any switch will change the LED to red and activate the audible alarm. A "monitor only" state shall also be available. In this state, the LED shall turn yellow when the remote switch opens, with no audible alarm. The LED's shall not illuminate for inputs that are not used.

Each 10-signal annunciator module shall contain an independent normal/abnormal LED (green for normal and red for abnormal), indicating the overall status of all signals on that module.

The control module shall include a Silence/Enter button,

a Test/Shift button, an Up button, and a Down button. These buttons shall be used to silence the audible alarm, set up the alarm panel, and to test the alarm panel. The test button shall test all modules one at a time. A LED on the control module shall illuminate green to indicate power on.

The power supply shall be installed in the backbox. Power supply shall include an On/Off rocker switch and fuse holder.
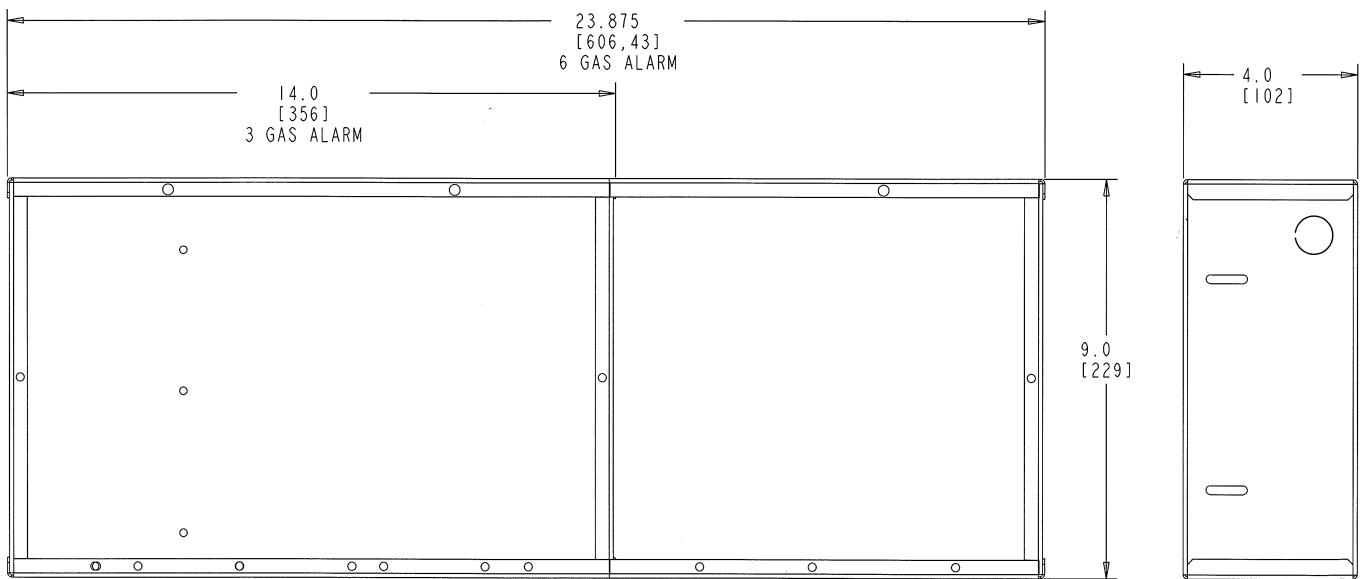
The alarm audio tone shall pulsate, 90 dBa at 2 meters minimum. The audio signal shall be cancelled only by the alarm silence button or fault correction. Regardless of the audible alarm, the display shall indicate abnormal as long as a fault condition exists. The alarm shall automatically reset with the correction of the fault condition.

The panel shall be equipped with dry contacts for each remote signal, to enable the alarm to interface with another alarm or a central computer system.

The panel shall be equipped with contacts for connection to the PC-based alarm monitoring software. Alarms that require installation of additional circuit boards to allow PC-based monitoring are not acceptable.

Master alarm panels shall be Chemetron® IMPACT Series 74-15-XXX.

![Chemetron by Allied]

Dimensional Data - Inches (cm)

Face Plate Dimensions	
3 Module	16"W x 10.5"H x 0.75"D
6 Module	25.75"W x 10.5"H x 0.75"D

Ordering Information

Alarm Panel Configurations		
Catalog Number	**Quantity**	**Description**
74-15-522		1 10-Switch Input Module, 2 Future (10 Signals)
74-15-552		2 10-Switch Input Modules, 1 Future (20 Signals)
74-15-555		3 10-Switch Input Modules (30 Signals)
74-15-555222		3 10-Switch Input Modules, 3 Future (30 Signals)
74-15-555522		4 10-Switch Input Modules, 2 Future (40 Signals)
74-15-555552		5 10-Switch Input Modules, 1 Future (50 Signals)
74-15-555555		6 10-Switch Input Modules (60 Signals)

All specifications are nominal and subject to change without notice.

Customer Service:
USA: (800) 444-3960
FAX: (314) 771-7537
Canada/Mexico: (800) 446-0552
FAX: (800) 246-6201
International: (314) 268-1683
FAX: (314) 771-5183

HEALTHCARE PRODUCTS INC.

1720 Sublette Avenue
St. Louis, MO 63110 USA
(314)771-2400
www.alliedhpi.com
ISO 9001 CERTIFIED

Product Specification