



## 1. DESCRIPTION

This document summarizes the applicable programs and associated drawings for the Viking MC-1 Panel. Click the program number in Column 1 to download the applicable diagram. For additional information, please contact Viking.

## 2. CONTACT

The MC-1 is available through Viking distributors only. Contact your local Viking sales office which can be found on our website: [www.vikinggroupinc.com/locations](http://www.vikinggroupinc.com/locations)

### The Viking Corporation

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Program Number Click to download	Description
20	Dual Hazard, 2 detection zones cross zoned to 1 release circuit and 2 other detection zones cross zoned to another release circuit <ul style="list-style-type: none"> <li>• 1 supervisory circuit</li> <li>• 4 detection zones</li> <li>• 1 abort circuit</li> </ul>
21	Dual Hazard, 2 detection zones mapped to 1 release circuit and 2 other detection zones mapped to a separate release circuit <ul style="list-style-type: none"> <li>• 1 supervisory circuit</li> <li>• 4 detection zones</li> <li>• 1 abort circuit</li> </ul>
22	Single Hazard, 2 detection zones cross-zoned to 1 release circuit, 1 manual station and a discharge confirmation zone <ul style="list-style-type: none"> <li>• 1 supervisory zone</li> <li>• 3 detection zones</li> <li>• 1 manual station zone</li> <li>• 1 abort circuit</li> </ul>
23	Single Hazard, 4 detection zones mapped to 1 release circuit 1 supervisory circuit, 1 abort circuit <ul style="list-style-type: none"> <li>• 1 supervisory circuit</li> <li>• 4 detection zones</li> <li>• 1 abort circuit</li> </ul>
24	Single Hazard, 2 detection zones, 1 manual release zone and a discharge confirmation zone <ul style="list-style-type: none"> <li>• 1 supervisory zone</li> <li>• 1 low air zone</li> <li>• 2 detection zones</li> <li>• 1 manual station zone</li> <li>• 1 abort circuit</li> </ul>



## TECHNICAL DATA

## MC-1 Wiring Diagrams

Program Number Click to download	Description
30	Failsafe cross zoned activation with normally open and normally closed solenoid <ul style="list-style-type: none"> <li>• 2 Supervisory zones</li> <li>• 2 conventional detection zones</li> <li>• 1 Low air alarm zone</li> <li>• 1 Waterflow zone</li> <li>• 1 Manual release zone</li> </ul>
31	Failsafe operation single zone activation two solenoids, one is normally energized <ul style="list-style-type: none"> <li>• 3 Supervisory zones</li> <li>• 2 conventional detection zones</li> <li>• 1 Waterflow zone</li> <li>• 1 Manual release zone</li> </ul>
32	Double interlock with redundant solenoids cross zoned activation <ul style="list-style-type: none"> <li>• 3 Supervisory zones</li> <li>• 2 Detection zones</li> <li>• 1 Waterflow zone</li> <li>• 1 Manual Release zone</li> </ul>
33	Redundant solenoids single interlock with single zone activation <ul style="list-style-type: none"> <li>• 3 Supervisory zones</li> <li>• 2 Detection zones</li> <li>• 1 Waterflow zone</li> <li>• 1 Manual Release zone</li> </ul>
34	Single zone activation: latching solenoid remote solenoid reset <ul style="list-style-type: none"> <li>• 2 Supervisory zones</li> <li>• 2 conventional detection zones</li> <li>• 1 Waterflow zone</li> <li>• 1 Manual release zone</li> <li>• 1 Valve reset zone</li> </ul>
35	Latching solenoid cross zoned <ul style="list-style-type: none"> <li>• 2 Supervisory zones</li> <li>• 1 conventional detection zone</li> <li>• 1 Low air alarm zone</li> <li>• 1 Waterflow zone</li> <li>• 1 Manual release zone</li> <li>• 1 Valve reset zone</li> </ul>