



6555 S. Kenton Street #304, Centennial, Colorado 80111
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SPECIFICATION FOR GAS DETECTION AND VENTILATION CONTROL PANEL

A specific Gas Detection and Ventilation Control System shall be provided. The purpose of the system is to control ventilation fans and/or actuate an alarm based upon the concentration of the specified gas.

Unit shall have internal continuous supervision and upon detecting a malfunction, the unit will actuate all relays.

The control panel shall incorporate twelve (12) input channels which accept any combination of carbon monoxide (CO) to current transducer(s), combustible gas to current transducer(s) and nitrogen dioxide (NO₂) to current transducer(s).

All power for the transducers shall be provided, via unshielded four conductor cable, from the control panel. The control panel shall provide three levels of fan or alarm control relays. The two fan control relays (N.O.) shall be for pilot duty only and capable of switching 10 Amp loads up to 240 VAC. The alarm relay (N.O.) shall be for pilot duty only and capable of switching 10 Amp loads up to 240 VAC.

The unit shall be Macurco model DVP-120, Manufactured by Macurco, 6555 S. Kenton Street, # 304, Centennial, Colorado 80111.

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