

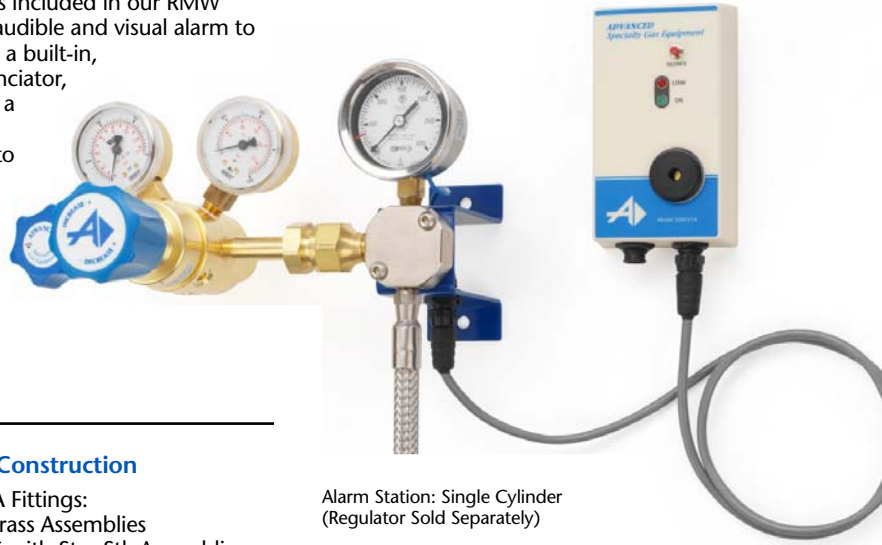
# RMA Series

## Regulator Bracket Alarm Stations

RMA Series Alarm Stations are provided with the same features included in our RMW Model regulator wall mount brackets with the addition of an audible and visual alarm to alert the user of product depletion. The alarm assembly utilizes a built-in, easily adjustable pressure switch gauge, wall mountable annunciator, 3-foot long interconnecting cable with quick connections and a 120 VAC wall transformer. The RMA is available in single or dual-cylinder wall-mount configurations to provide versatility to meet most application requirements.

**Note:** Regulators are not included with RMA Series Alarm Stations.

**Warning:** Do not use this system with flammable gases or in oxygen service. We strongly recommend the use of an explosion proof switch (such as Models SG6541 or SG6549) and wiring system.



Alarm Station: Single Cylinder  
(Regulator Sold Separately)

### Specifications

Maximum Inlet Pressure: 3000 psig

Valve (Dual Cyl. only):  
SG5460N and SG5480N Series

Inlet Connection:  
CGA Connection as Specified

Outlet Connection: CGA Connection as Specified, (suitable for direct mounting of a pressure regulator with inlet CGA)

Rigid Pigtail: 36" long, 0.25" OD tubing with 5" ID service loop, providing a 23" useable length

Flexible Hose (Teflon® lined):  
36" long, 0.25" nominal ID, 0.375" nominal OD

Flexible Hose (all metal):  
30" long, 0.285" nominal ID, 0.445" nominal OD

Approximate Weight: 5 lbs.

Annunciator: Model SG6551A  
(see page 103)

Input Cable Length: 3'

Pressure Switch Gauge:  
Dial Size: 2½" nominal  
Pressure Range: 0–3000 psig  
Adjustable Set-Point:  
between 60 psig and 2700 psig  
Temperature Range: -22°F to 165°F  
Accuracy: ±2% full scale  
Connection: ¼" NPT male bottom  
Maximum Power Rating:  
10 watts DC, 10 volts AC  
Max. Switching Current:  
0.5 amps AC/DC noninductive  
Switch Function: Normally Open  
(by passing the switch pointer on decreasing pressure)

### Materials of Construction

Block and CGA Fittings:  
Brass with Brass Assemblies  
Type 316 SS with Stn. Stl. Assemblies

Bracket: 12-Gauge Hot Rolled Steel with Powder Coat Epoxy Finish

Pigtails:  
Rigid: Brass with brass assemblies,  
Type 316L SS with Stn.Stl. assemblies

Flexible Hose (Teflon®-lined):  
Extruded PTFE Teflon® inner core with Type 304 SS single overbraid and Type 316 SS end fittings

Flexible Hose (all metal):  
Type 316L SS inner core with Type 321 SS double overbraid and Type 316 SS end fittings

Seats:  
Check Valves: EPDM with brass systems,  
Viton® with stainless steel systems  
Valves: PCTFE

Pressure Switch Gauge:  
Brass Assemblies:  
Brass / bronze wetted parts,  
Type 304 SS case and ring,  
laminated safety glass lens  
Stainless Steel Assemblies:  
Type 316 SS wetted parts,  
Type 304 SS case and ring,  
laminated safety glass lens  
Annunciator: Model SG6551A  
(see page 103)

### Part Number Key for RMA Series Bracket Alarm Stations

