



Respiratory Safety

Air Distribution Manifold Point of Attachment (POA) Box

Issue: NIOSH (National Institute for Occupational Safety and Health) develops use requirements for all respirators. With regard to airline (Type-C) respirators, NIOSH states the maximum allowable length of hose to be used from the Point of Attachment (POA) is 300 feet. The POA is the location on an air filtration system that contains the air pressure regulator, the pressure gauge, safety relief valve and outlet manifold with quick connect couplings.

Application: The POA is designed to provide a point of attachment at an extended distance from the filtration system while complying with the NIOSH 300 foot rule. Once the POA is connected via air hose, it now becomes the NIOSH point where the respirators are attached with a maximum of 300 foot of air hose. There is no NIOSH required limit to the distance from the filtration system to the POA box.

Recommendation: A POA requires no electric to operate and can be taken into any environment. Once the air supply hose is installed to the POA, the regulator is adjusted to the respirator's required air pressure. A 1/2" male plug (industrial interchange) is supplied on the inlet of the POA. A minimum 1/2" ID hose is recommended to connect from the filtration system to the POA.



Reference NIOSH Publication 87-116

Product Features:

- Maximum inlet pressure, 150 psi
- Adjustable regulator
- 1/2" industrial Interchange male inlet plug
- Pressure gauge (0-160 psi)
- Safety relief valve - set at 125 psi
- 1/4" respirator couplings supplied with safety locks
- Aluminum block manifold
- Water resistant polycarbonate case
- Rubber gasket lid helps to prevent internal contamination
- Unit can be taken into wet or hazardous locations
- Models available for 1 to 8 workers

Portable Point of Attachments (POA's)

Item No.	Description
POA-2	Standard POA Box - 2 couplings
POA-4	Standard POA Box - 4 couplings
POA-4R	POA Box with 4 independent regulators & couplings
POA-4F	POA Box with final particulate filter & 4 couplings
POA-5RF	POA Box with final particulate filter and 5 independent regulators

Typical Point of Attachment (POA) Set-up



Grade-D Air
Filtration
Breather Box®



Airline
Respirator

Point of
Attachment (POA)



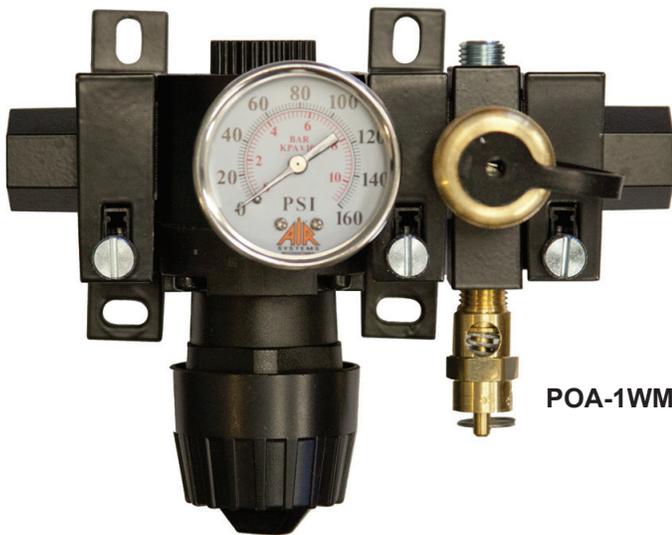
Respiratory Safety

Air Distribution Manifold Wall Mounted Point of Attachment (POA)

Issue: NIOSH (National Institute for Occupational Safety and Health) develops use requirements for all respirators. With regard to airline (Type-C) respirators, NIOSH states the maximum allowable length of hose to be used from the Point of Attachment (POA) is 300 feet. The POA is the location on an air filtration system that contains the air pressure regulator, the pressure gauge, safety relief valve and outlet manifold with quick connect couplings.

Application: The wall mounted point of attachment is designed to provide a POA at an extended distance from the filtration system while complying with the NIOSH 300 foot rule. Once the POA is connected via air hose, it now becomes the NIOSH point where the respirators are attached with a maximum of 300 foot of air hose. There is no NIOSH required limit to the distance from the filtration system to the POA box.

Recommendation: The POA requires no electric power to operate and can be mounted in any environment. Once the air supply hose is installed to the POA, the regulator is adjusted to the respirator's required air pressure. A minimum 1/2" ID hose is recommended to connect from the filtration system to the POA.



POA-1WM

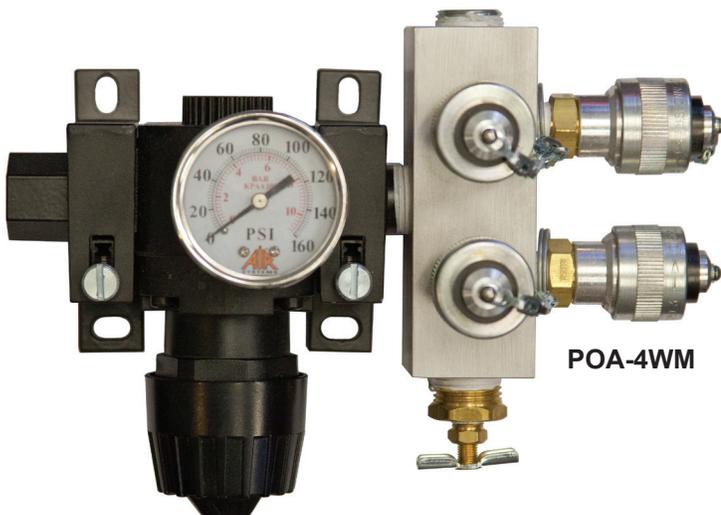
Reference NIOSH Publication 87-116

Product Features:

- Maximum inlet pressure, 150 psi
- Adjustable regulator
- Pressure gauge (0-160 psi)
- Safety relief valve - set at 125 psi
- 1/4" respirator couplings supplied with safety locks
- Aluminum block manifold
- Models available for 1 to 8 workers

Wall Mounted Point of Attachments (POA's)

Item No.	Description
POA-1WM	Wall mounted POA manifold - 1 coupling
POA-2WM	Wall mounted POA manifold - 2 couplings
POA-4WM	Wall mounted POA manifold - 4 couplings



POA-4WM



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