

SPECIFICATIONS

Product Description: **PANEL, AIR FILTRATION**
Part Number: **9872, 9872W/O**
Style: **PORTABLE, 2 WORKER SYSTEM**

GENERAL DESCRIPTION:

Allegro air filtration panels filter impurities and hydrocarbons from an air compressor to convert to breathable air. To meet OSHA requirements an optional CO monitor is available for continuous monitoring of carbon monoxide levels. Panel provides up to 30 CFM of air within a 5-125 PSI range.

CONSTRUCTION:

- Housed in a portable, rugged *Pelican* case with carrying handle, latches for protection and security.
- A 16 gauge powder coated steel stand, for support.
- All Brass Plumbing with Quick-Disconnect Hansen couplers.



CO MONITOR:

Power source: 115V AC to 9V DC power adapter for continuous power supply.
9V DC Alkaline battery (primary or as back-up for AC adapter).

Alarm Setting: 10 PPM (Canada: 5PPM)

External Connections: Optional Remote Strobe Light Alarm.

Audible: 90 decibel Piezo Alarm.

Visual: External power LED light signal.

Sensor: Electrochemical, Replaceable

Display: Liquid Crystal

Keys: Mode & Set

Modes: Normal Operation, Peak, Battery Charge and Calibration mode.

Calibration: Self adjusting calibration to 20 PPM CO

FILTRATION SYSTEM:

First Stage: Zinc manifold, ABS Cover, Nylon bowl guard, Polycarbonate bowl, with a 5 micron Sintered Polyethylene coalescing filter element and automatic mechanical drain.

Second Stage: Zinc manifold, ABS Cover, Nylon bowl guard, Polycarbonate bowl with a 0.010 micron Borosilicate Cloth coalescing filter element and manual drain.

Third Stage: Zinc manifold, ABS Cover, Nylon bowl guard, Polycarbonate bowl with a 0.003 micron activated carbon filter element and manual drain.

Regulator: High Pressure, Zinc body, Acetal Adjusting knob, ABS Cover, Brass/Nitrile valve, a 0-160 pressure gauge and an external relief valve.

Flow Meter: Clear acrylic, Teflon float, with adjustable metering valve. Graduations from 0.0 - 1.0 LPM

DIMENSIONS:

Length	Width	Height	Weight
13"	6"	12"	18 Lbs.

SPECIFICATIONS

Product Description: **MONITOR**
Part Number: **9872-02B, 9872-02BC**
Style: **CARBON MONOXIDE**

GENERAL DESCRIPTION:

Allegro CO monitor is designed to meet OSHA requirements for continuous monitoring of Carbon Monoxide levels in breathing air systems.

CONSTRUCTION:

- Housed in a rugged aluminum case. for protection and security.
- Internally shielded to reduce RFI.
- Powder coated steel support bracket.
- Removable battery cover.
- "Mode" selection button.
- "Set" selection button.
- Removable sensor cover.



CO MONITOR:

Power source: 115V AC to 9V DC power adapter for continuous power supply.
9V DC Alkaline battery (primary or as back-up for AC adapter).

Alarm Setting: 10 PPM (Canada: 5PPM)

External Connections: Optional Strobe Light Alarm.

Audible: 90 decibel Piezo Alarm.

Visual: External power LED light signal.

Sensor: Electrochemical, Replaceable

Display: Liquid Crystal

Keys: Mode & Set

Modes: Normal Operation, Peak, Battery Charge and Calibration mode.

Calibration: Self adjusting calibration to 20 PPM CO

ACCESSORIES:

Remote Alarm	Part No: 9871-01
Calibration Test Kit	Part No: 9872-60
Calibration Bump Test Kit	Part No: 9872-60Q
Sensor Replacement	Part No: 9872-69
Mounting Bracket, Wall	Part No: 9865-17
Mounting Bracket, Case	Part No: 9872-21

DIMENSIONS:

Length	Width	Height	Weight
5"	4"	3"	1.06 Lbs.

SPECIFICATIONS

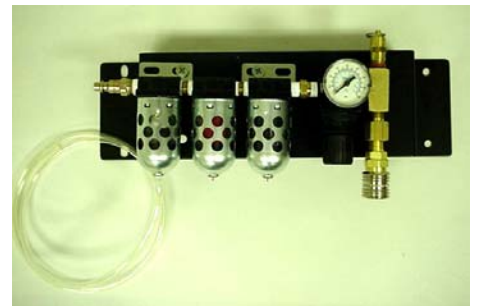
Product Description: **PANEL, AIR FILTRATION**
Part Number: **9871-40, 9871-40 W/O**
Style: **WALL MOUNTED, 1 WORKER FILTRATION SYSTEM**

GENERAL DESCRIPTION:

Allegro air filtration panels filter impurities and hydrocarbons from an air compressor to convert to breathable air. To meet OSHA requirements an optional CO monitor is available for continuous monitoring of carbon monoxide levels. Panel provides up to 15 CFM of air within a 5-125 PSI range.

CONSTRUCTION:

- Mounted on a rugged wall bracket.
- A 16 gauge powder coated steel stand, for support.
- All Brass Plumbing with Quick-Disconnect Hansen couplers.



CO MONITOR:

Power source: 115V AC to 9V DC power adapter for continuous power supply.
9V DC Alkaline battery (primary or as back-up for AC adapter).
Alarm Setting: 10 PPM (Canada: 5PPM)
External Connections: Optional Remote Strobe Light Alarm.
Audible: 90 decibel Piezo Alarm.
Visual: External power LED light signal.
Sensor: Electrochemical, Replaceable
Display: Liquid Crystal
Keys: Mode & Set
Modes: Normal Operation, Peak, Battery Charge and Calibration mode.
Calibration: Self adjusting calibration to 20 PPM CO

FILTRATION SYSTEM:

First Stage: Zinc manifold, Zinc plated metal bowl guard, Polycarbonate bowl, with a 5 micron Sintered Polyethylene coalescing filter element and automatic mechanical drain.
Second Stage: Zinc manifold, Zinc plated metal bowl guard, Polycarbonate bowl with a 0.010 micron Borosilicate Cloth coalescing filter element and manual drain.
Third Stage: Zinc manifold, Zinc plated metal bowl guard, Polycarbonate bowl with a 0.003 micron activated carbon filter element and manual drain.
Regulator: High Pressure, Zinc body, Acetal Adjusting knob, ABS Cover, Brass/Nitrile valve, a 0-160 pressure gauge and an external relief valve.
Flow Meter: Clear acrylic, Teflon float, with adjustable metering valve. Graduations from 0.0 - 1.0 LPM

DIMENSIONS:

Length	Width	Height	Weight
14½"	6"	6"	4.4 Lbs

SPECIFICATIONS

Product Description: **PANEL, AIR FILTRATION**
Part Number: **9878, 9878W/O**
Style: **PORTABLE, 8 WORKER SYSTEM**

GENERAL DESCRIPTION:

Allegro air filtration panels filter impurities and hydrocarbons from an air compressor to convert to breathable air. To meet OSHA requirements an optional CO monitor is available for continuous monitoring of carbon monoxide levels. Panel provides up to 100 CFM of air within a 5-125 PSI range.

CONSTRUCTION:

- Housed in a portable, rugged Pelican case with carrying handle, latches for protection and security
- A 16 gauge, black powder coated steel stand for support.
- All Brass Plumbing with Quick-Disconnect *Hansen* couplers.



CO MONITOR:

Power source: 115V AC to 9V DC power adapter for continuous power supply.
9V DC Alkaline battery (primary or as back-up for AC adapter).

Alarm Setting: 10 PPM (Canada: 5PPM)

External Connections: Optional Remote Strobe Light Alarm.

Audible: 90 decibel Piezo Alarm.

Visual: External power LED light signal.

Sensor: Electrochemical, Replaceable

Display: Liquid Crystal

Keys: Mode & Set

Modes: Normal Operation, Peak, Battery Charge and Calibration mode.

Calibration: Self adjusting calibration to 20 PPM CO

FILTRATION SYSTEM:

First Stage: Zinc manifold, ABS Cover, Nylon bowl guard, Polycarbonate bowl, with a 5 micron Sintered Polyethylene coalescing filter element and automatic mechanical drain.

Second Stage: Zinc manifold, ABS Cover, Nylon bowl guard, Pressure indicator, Polycarbonate bowl with a 0.010 micron Borosilicate Cloth coalescing filter element and manual drain.

Third Stage: Zinc manifold, ABS Cover, Nylon bowl guard, Pressure indicator, Polycarbonate bowl with a 0.003 micron activated carbon filter element and manual drain.

Regulator: High Pressure, Zinc body, Acetal Adjusting knob, ABS Cover, Brass/Nitrile valve, a 0-160 pressure gauge and an external relief valve.

Flow Meter: Clear acrylic, Teflon float, with adjustable metering valve. Graduations: 0.0 - 1.0 LPM

DIMENSIONS:

Length	Width	Height	Weight
23"	7 ½"	16 ½"	24 Lbs.

SPECIFICATIONS

Product Description: **PANEL, AIR FILTRATION**
Part Number: **9878-40, 9878-40W/O**
Style: **WALL MOUNTED, 8 WORKER SYSTEM**

GENERAL DESCRIPTION:

Allegro air filtration panels filter impurities and hydrocarbons from an air compressor to convert to breathable air. To meet OSHA requirements an optional CO monitor is available for continuous monitoring of carbon monoxide levels. Panel provides up to 100 CFM of air within a 5-125 PSI range.

CONSTRUCTION:

- A 12 gauge, black powder coated steel bracket for support and mounting.
- All Brass Plumbing with Quick-Disconnect Hansen couplers.



CO MONITOR:

Power source: 115V AC to 9V DC power adapter for continuous power supply.
9V DC Alkaline battery (primary or as back-up for AC adapter).
Alarm Setting: 10 PPM (Canada: 5PPM)
External Connections: Optional Strobe Light Alarm.
Audible: 90 decibel Piezo Alarm.
Visual: External power LED light signal.
Sensor: Electrochemical, Replaceable
Display: Liquid Crystal
Keys: Mode & Set
Modes: Normal Operation, Peak, Battery Charge and Calibration mode.
Calibration: Self adjusting calibration to 20 PPM CO

FILTRATION SYSTEM:

First Stage: Zinc manifold, ABS Cover, Nylon guard, Polycarbonate bowl, with a 5 micron Sintered Polyethylene coalescing filter element and an automatic mechanical drain mechanism.
Second Stage: Zinc manifold, ABS Cover, Nylon guard, Pressure indicator, Polycarbonate bowl with a 0.010 micron Borosilicate Cloth coalescing filter element and manual drain.
Third Stage: Zinc manifold, ABS Cover, Nylon guard, Pressure indicator, Polycarbonate bowl with a 0.003 micron activated carbon filter element and manual drain.
Regulator: High Pressure, Zinc body, Acetal Adjusting knob, ABS Cover, Brass/Nitrile valve, a 0-160 pressure gauge and an external relief valve.
Flow Meter: Clear acrylic, Teflon float, with adjustable metering valve. Graduations from 0.0-1.0 LPM

DIMENSIONS:

Length	Width	Height	Weight
25"	7"	14"	20 Lbs.

SPECIFICATIONS

Product Description: **PANEL, AIR FILTRATION**
Part Number: **9875, 9875W/O**
Style: **PORTABLE, 5 WORKER SYSTEM**

GENERAL DESCRIPTION:

Allegro air filtration panels filter impurities and hydrocarbons from an air compressor to convert to breathable air. To meet OSHA requirements an optional CO monitor is available for continuous monitoring of carbon monoxide levels. Panel provides up to 60 CFM of air within a 5-125 PSI range.

CONSTRUCTION:

- Housed in a portable, rugged Pelican case with carrying handle with latches for protection and security
- A 16 gauge, black powder coated steel stand for support.
- All Brass Plumbing with Quick-Disconnect *Hansen* couplers



CO MONITOR:

Power source: 115V AC to 9V DC power adapter for continuous power supply.
9V DC Alkaline battery (primary or as back-up for AC adapter).

Alarm Setting: 10 PPM (Canada: 5PPM)

External Connections: Optional Remote Strobe Light Alarm.

Audible: 90 decibel Piezo Alarm.

Visual: External power LED light signal.

Sensor: Electrochemical, Replaceable

Display: Liquid Crystal

Keys: Mode & Set

Modes: Normal Operation, Peak, Battery Charge and Calibration mode.

Calibration: Self adjusting calibration to 20 PPM CO

FILTRATION SYSTEM:

First Stage: Zinc manifold, ABS Cover, Nylon bowl guard, Polycarbonate bowl, with a 5 micron Sintered Polyethylene coalescing filter element and automatic mechanical drain.

Second Stage: Zinc manifold, ABS Cover, Nylon bowl guard, Pressure indicator, Polycarbonate bowl with a 0.010 micron Borosilicate Cloth coalescing filter element and manual drain.

Third Stage: Zinc manifold, ABS Cover, Nylon bowl guard, Pressure indicator, Polycarbonate bowl with a 0.003 micron activated carbon filter element and manual drain.

Regulator: High Pressure, Zinc body, Acetal Adjusting knob, ABS Cover, Brass/Nitrile valve, a 0-160 pressure gauge and an external relief valve.

Flow Meter: Clear acrylic, Teflon float, with adjustable metering valve. Graduations from 0.0-1.0 LPM

DIMENSIONS:

Length	Width	Height	Weight
20 ½ ”	6 ¾ ”	14 ½ ”	22 Lbs.

