



SPECIFICATIONS

Product Description: **PANEL, AIR FILTRATION**
Part Number: **9873-40, 9873-40 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 (25.48 m³/hr) of air within a 5-125 PSI (.34-8.62 bar) range.

CONSTRUCTION:

- Mounted on a rugged wall bracket
- 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: 5 micron particulate element and automatic mechanical drain
Second Stage: 0.010 micron coalescing filter element and manual drain
Third Stage: 0.003 ppm activated carbon filter element and manual drain
Regulator: High pressure, adjusting pressure knob, 0-160 (0-11.03 bar) pressure gauge and an external relief valve
Flow Meter: Adjustable metering valve, range from 0.0 - 1.0 LPM

DIMENSIONS:

Length In. (cm)	Width In. (cm)	Height In. (cm)	Weight Lbs. (Kg)
21¼" (53.9 cm)	8¼" (20.9 cm)	7¾" (19.6 cm)	11 lbs (4.9 kg)



SPECIFICATIONS

Description: **FILTRATION SYSTEM**
 Part Number: **9872-40, 9872-40W/O**
 Style: **FIXED TO 2 OUTPUTS**

GENERAL DESCRIPTION:

System for compressed air filtration that meets NIOSH regulations for breathing systems. Three stages of filtration: to dust, water, oil and hydrocarbons from compressed air. *Optional* Carbon Monoxide monitor is provided to monitor gas concentrations. Provides filtered air for Grade D breathing.



FILTER SYSTEM:

1st stage: Filter 5 micron particles and automatic drain
 2nd Stage: Coalescing filter cloth and drain 0010 microns manual
 3rd Stage: Activated carbon filter of 0.003 microns and manual drain
 Regulator: High pressure adjustable knob range 0-160 PSI gauge and external valve pressure relief
 Manometer: Acrylic translucent, Teflon float, with adjustable valve.
 Graduations: 0.0 - 1.0 LPM

CARBON MONOXIDE MONITOR :

Power Source: 115V AC adapter 9V DC
 9V DC Alkaline battery (*optional*)
 Alarm: 10 ppm (Canada: 5ppm) with external connection for strobe light alarm.
 (*PN 9871-01 – optional*)
 Audible Alarm: 90 dB (*Piezo*)
 Visual: External LED Light
 Sensor: Electrochemical, replaceable
 Buttons: "Mode" and "Set"
 Display: Liquid Crystal
 Operations: Average, maximum battery charge and calibration
 Calibration: Auto Tune to 20 ppm of carbon monoxide

DIMENSIONS:

Length In. (cm)	Width In. (cm)	Height In. (cm)	Weight Lbs. (Kg)
13" (32.5)	6" (15)	12" (30)	18 (8.1)



SPECIFICATIONS

Product Description: **PANEL, AIR FILTRATION**
 Part Number: **9875-40, 9875-40W/O**
 Style: **WALL MOUNTED, 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 (101.94 m³/hr) of air within a 5-125 PSI (.34-8.62 bar) range.



CONSTRUCTION:

- A 12 gauge, black powder coated steel bracket for 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: 5 PPM)
 Ext. 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: 5 micron particulate filter element and automatic mechanical drain
 Second Stage: 0.010 micron coalescing filter element and manual drain
 Third Stage: 0.003 ppm activated carbon filter element and manual drain
 Regulator: High pressure, adjusting pressure knob, ABS cover, 0-160 psi (0-11.03 bar) pressure gauge and an external relief valve set at 125 psi (8.62 bar)

DIMENSIONS:

Length In. (cm)	Width In. (cm)	Height In. (cm)	Weight Lbs. (Kg)
22" (55.8 cm)	7" (17.7 cm)	7¾" (19.6 cm)	15 lbs (6.8 kg)



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 (169.9 m³/hr) of air within a 5-125 PSI (.34-8.62 bar) range.



CONSTRUCTION:

- 12 gauge black powdered coated steel mounting bracket
- 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: 5 micron particulate filter element and automatic mechanical drain
 Second Stage: 0.010 micron coalescing filter element and manual drain
 Third Stage: 0.003 micron activated carbon filter element and manual drain
 Regulator: High pressure, adjusting pressure knob, 0-160 psi (0-11.03 bar) pressure gauge and external relief valve
 Flow Meter: Adjustable metering valve, range from 0.0-1.0 LPM

DIMENSIONS:

Length In. (cm)	Width In. (cm)	Height In. (cm)	Weight Lbs. (Kg)
25" (63.5 cm)	7" (17.7 cm)	14" (35.5 cm)	21 lbs (9.5 kg)



SPECIFICATIONS

Product Description: **INLINE FILTER PANEL, AIR FILTRATION**
 Part Number: **9878-150, 9878-151 (W/O)**
 Style: **WALL MOUNTED, 150 CFM FLOW-THRU, 1-12 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, a CO monitor is available for continuous monitoring of carbon monoxide levels. Panel provides up to 150 CFM (254.8 m³/hr) of air within a 5-125 PSI (.34-8.62 bar) range. Meets NIOSH requirements for point-of-attachment.



CONSTRUCTION:

- 12 gauge black powdered coated steel mounting bracket
- All brass plumbing with quick-disconnect Hansen couplers
- Inlet side: 1" NPT male nipple, made of Brass
- Outlet side: 3/4" NPT male nipple, made of Brass

CO MONITOR: *(Included in 9878-150 model)*

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: 5 micron particulate filter element and automatic mechanical drain
 Second Stage: 0.010 micron coalescing filter element and manual drain
 Third Stage: 0.003 micron activated carbon filter element and manual drain
 Regulator: High pressure, adjusting pressure knob, 0-160 psi (0-11.03 bar) pressure gauge and external relief valve
 Flow Meter: Adjustable metering valve, range from 0.0-1.0 LPM

DIMENSIONS:

Length In. (cm)	Width In. (cm)	Height In. (cm)	Weight Lbs. (Kg)
22" (55.8 cm)	10" (25.4 cm)	19" (48.2 cm)	27 lbs (12.2 kg)