ALLEGRO®
INDUSTRIES

S P E C I F I C A T I O N S

Product Description: **PANEL, AIR FILTRATION**
Part Number: **9873**
Style: **PORTABLE, 1 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 15 CFM (25.48 m^3/hr) of air within a 5-125 PSI (.34-8.62 bar) range.

CONSTRUCTION:

- Housed in a portable, rugged 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)
Ext. Connections: Optional Remote Strobe 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
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, 0-160 psi (0-11.03 bar) pressure gauge, external relief valve set at 125 psi (8.62 bar)
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)
12" (30.4 cm)	6" (15.2 cm)	13" (33 cm)	11 lbs (4.9 kg)

ALLEGRO® INDUSTRIES

S P E C I F I C A T I O N S

Product Description: **PANEL, AIR FILTRATION**
Part Number: **9872, 9872 W/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 (50.97 m^3/hr) of air within a 5-125 PSI (.34-8.62 bar) 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)
Ext. Connections: Optional Remote Strobe 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, 0-160 (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)
13" (33 cm)	6" (15.2 cm)	12" (30.4 cm)	14 lbs (6.3 kg)

ALLEGRO®
I N D U S T R I E S

S P E C I F I C A T I O N S

Product Description:	**PANEL, AIR FILTRATION**
Part Number:	**9874-MR and 9876-MR**
Style:	**PORTABLE, 4 and 6 WORKER SYSTEMS**

GENERAL DESCRIPTION:

Allegro air filtration panels filter impurities and hydrocarbons from an air compressor to convert to breathable air. A CO monitor is integrated to meet OSHA requirements for continuous monitoring of carbon monoxide levels. The panels provide 60 CFM (101.94 m^3/hr) or 100 CFM (169.9 m^3/hr) of air within a 5-125 PSI (.34-8.62 bar) range. The unique design of these panels allows each regulator to be individually adjusted at different pressure settings, allowing as well, separate outlets to be used for air tools (fittings used for breathing air must not be compatible with other plant/tool air fittings, contact Technical Support for details).

9874-MR

CONSTRUCTION:

- Housed in a portable, rugged Pelican case with carrying handle and latches for protection and security
- Acrylic window to monitor pressure gauges
- Black powder coated, 16 gauge steel stand for support
- All brass plumbing with Quick-Disconnect Hansen couplers

CO MONITOR:

Power source:	115 VAC to 9 VDC adapter for continuous power
	9V DC Alkaline battery (back-up for AC adapter)
Alarm Setting:	10 PPM (Canada: 5PPM)
Ext. Connections:	For optional Remote Strobe 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:	Individual, 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)
Flow Meter:	Adjustable metering valve, range from 0.0 -1.0 LPM

DIMENSIONS:

Model	Length In. (cm)	Width In. (cm)	Height In. (cm)	Weight Lbs. (Kg)
9874-MR	21" (53.3 cm)	6 ¾" (17.1 cm)	14½" (36.83 cm)	21 lbs (9.5 kg)
9876-MR	23" (58.4 cm)	7½" (19.05 cm)	16½" (41.9 cm)	27 lbs (12.2 kg)

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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 (101.94 m^3/hr) of air within a 5-125 PSI (.34-8.62 bar) 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: 5 micron particulate filter element and automatic mechanical drain
Second Stage: 0.0 10 micron coalescing filter element and manual drain
Third Stage: 0.003 micron activated carbon filter element and manual drain.
Regulator: High Pressure, 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)
20 ½" (52.07 cm)	6 ¾" (17.1 cm)	14 ½" (36.83 cm)	22 lbs (9.8 kg)

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S P E C I F I C A T I O N S

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 (169.9 m^3/hr) of air within a 5-125 PSI (.34-8.62 bar) range.

CONSTRUCTION:
- Housed in a portable, rugged Pelican case with carrying handle, latches for protection and security
- 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 adaptor for continuous power supply
                    9V DC Alkaline battery (primary or as a back-up for AC adapter)
Alarm Setting: 10 PPM (Canada: 5PPM)
Ext. Connections: Optional Remote Strobe 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)
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)
23" (58.4 cm)	7½" (19.05 cm)	16½" (41.9 cm)	25 lbs (11.3 kg)

SPECIFICATIONS

Product Description: **INLINE FILTER PANEL, AIR FILTRATION**
Part Number: **9878-100**
Style: **PORTABLE, 100 CFM FLOW-THRU, 1-8 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 a CO monitor is available for continuous monitoring of carbon monoxide levels. Panel provides up to 100 CFM (169.9 m^3/hr) of air within a 5-125 PSI (.34-8.62 bar) range. Meets NIOSH requirements of point-of-attachment.

CONSTRUCTION:

- Housed in a portable, rugged Pelican case with carrying handle, latches for protection and security, and support stand
- 16 gauge, black powder coated steel stand for support
- All brass plumbing with quick-disconnect Hansen couplers
- Inlet side: ¾" Hansen plug, made of Zinc plated case-hardened steel
- Outlet side: ½" NPT male nipple, made of Brass

CO MONITOR:

Power source:	115V AC to 9V DC power adaptor for continuous power supply
	9V DC Alkaline battery (primary or as a back-up for AC adapter)
Alarm Setting:	10 PPM (Canada: 5PPM)
Ext. Connections:	Optional Remote Strobe 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)
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)
23" (58.4 cm)	7½" (19.05 cm)	16½" (41.9 cm)	21 lbs (9.5 kg)