

## 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<sup>3</sup>/hr) of air within a 5-125 PSI (0.34-8.62 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: 3/4" Hansen plug, made of Zinc plated case-hardened steel
- Outlet side: 3/4" 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	Width	Height	Weight
23" (58.4 cm)	7½" (19.05 cm)	16½" (41.9 cm)	21 lbs. (9.5 kg)