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: **INLINE FILTER PANEL, AIR FILTRATION**
Part Number: **9878-150, 9878-151 (W/O)**
Style: **WALL MOUNTED, 150 CFM FLOW-THRU, 1-12 WORKER SYSTEM**
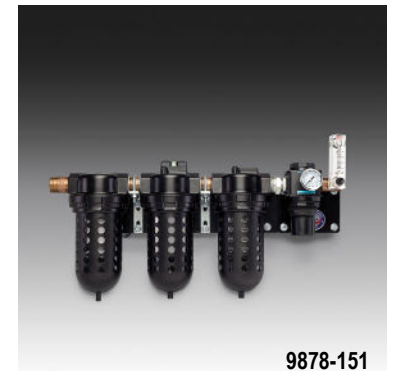
GENERAL DESCRIPTION:
Allegro air filtration panels filter impurities and hydrocarbons from an air compressor to convert to breathable air. To meet OSHA requirements, a CO monitor is available for continuous monitoring of carbon monoxide levels. Panel provides up to 150 CFM (254.8 m³/hr) of air within a 5-125 PSI (.34-8.62 bar) range. Meets NIOSH requirements for point-of-attachment.

9878-150

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: ¾" NPT male nipple, made of Brass

CO MONITOR: *(Included in 9878-150 model)*
Power Source: 115V AC to 9V DC power adapter
                       9V DC battery (primary or as back-up)
Alarm Setting: 10 ppm (Canada: 5 ppm)
External Connection: Optional remote strobe light alarm
Audible Alarm: 90 dB (Piezo)
Visual: External LED Light
Sensor: Electrochemical, replaceable
Buttons: "ZERO" and "SPAN"
Rotary Knob: OFF, BATT, 5 ppm, 10 ppm, CAL
Display: Liquid Crystal (LCD)
Modes: Battery voltage, alarm setting and calibration
Calibration: 20 ppm of carbon monoxide (CO)

9878-151

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