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: **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 (0.34-8.62 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
                        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)

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
25" (63.5 cm)	7" (17.7 cm)	14" (35.5 cm)	21 lbs. (9.5 kg)