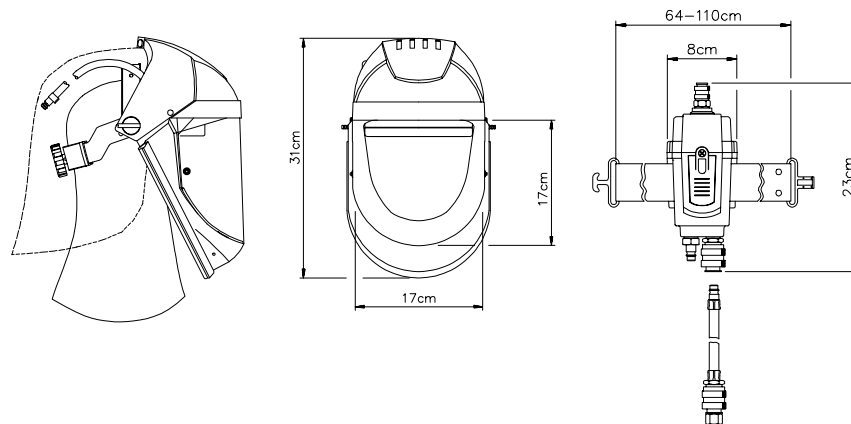


AIRVISOR MV

Product Code: DMAK-0021



Description:

Air-supplied respirator which provides clean air for breathing from an independent compressed air supply. The unit comprises a lightweight browguard with acetate visor and a waistbelt with tamper-proof air flow regulator and activated carbon filter.

Applications:

Suitable for use in environments containing gases, vapours, dusts, mists, particulates and fumes with concentrations up to **40** times the relevant exposure limit.

NOTE: COSHH requires that the respiratory protective equipment be "suitable for the purpose" regulation 7 (6) (a). It is the duty of the user to determine such suitability.

WARNING: The system will not remove carbon monoxide (CO) or carbon dioxide (CO₂).

Standards/Approvals: CE Certified to comply to PPE regulations.

HSE Type approved in accordance with COSHH regulations 1988.

Compliance:

TM14/7.25 Class 2 - Complete System.

EN166 3-F - Visor and Browguard.

EN132 - Filter System.

Quality systems approved in accordance with BS 5750, ISO 9000 & EN 29000.

Specification:

Complete System:

Operating Pressure - 2.5 bar (36 psi) to 7 bar (102psi).

Maximum Operating Temperature - 35°C.

Air Flow - Nominal Rate, 180 l/min.

Protection Factor - Approved for gases, vapours, dusts, mists, particulates and fumes under HSE protocol TM14/7.25 Issue No.7 for supplied air as a Class 2 device

Nominal Protection Factor (NPF) 100

Assigned Protection Factor (APF) 40

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Specification cont:

Visor Assembly: Weight 430 grams.

Browguard - Polypropylene for high chemical resistance.

Headband - Fully adjustable ratchet type.

Visor - Optically clear cellulose acetate

Impact resistance, 6mm steel ball at 45m/s - Grade 2.

Protects against splashes of liquids and liquid sprays,
resistant to attack by numerous solvents, acids and alkalis.

Visor Cover - Polyester, chemically inert.

Face Skirt - Flame retardant polyurethane foam.

Air Inlet Tube - 8mm food grade PVC tube fitted with foam diffuser
and miniature quick release plug.

Waistbelt Assembly: Weight 550 grams.

Regulator - Preset to deliver nominally 180 l/min.

Activated Carbon Cartridge - Maximum remaining oil content
0.003 ppm operating at 7 bar (102 psi) at 20°C.

Carbon Cartridge Life - 1,000 hours at nominal airflow.

Expiry Indicator - Sintered colour change indicator.

Regulator and Cartridge Housing - Reinforced polyester for strength
and high chemical resistance.

Waistbelt - Woven polyester webbing with nickel plated buckle, fully
adjustable.

Air Inlet Connector - Standard High Flow brass nickel plated quick
release plug.

Air Outlet Connector - Miniature High Flow brass nickel plated quick
release socket.

Auxiliary Connector - Standard High Flow brass nickel plated quick
release socket.

Spraygun/worktool Hose Assembly:

Hose - 1.2 M, 8mm (5/16") Bore Clear reinforced PVC.

Connections - Standard High Flow brass nickel plated quick release
plug.

Standard high Flow brass nickel plated quick release socket.

Installation and Use:

It is essential that the compressor and its associated filtration system
supplies breathable quality air in accordance with EN 132. The
Airvisor should not be used with oxygen or oxygen enriched air, nor
any substance other than compressed breathing air.

To comply with the respirator approval, the air supply hose should be
the Willson BlueLine Airhose or an approved hose of the correct
quality for light duty breathing respirators. It is essential that the
correct bore size with high flow, quick release, couplings be used to
ensure maximum air flow to the respirator and auxiliary supply.

WARNING:

Although this equipment may be used to provide protection from
certain airborne contaminants, it is not breathing apparatus and should
not be used where there is immediate danger to life or health, i.e. in
circumstances where the user would suffer damage to life or health if
unprotected.

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