BELT REGULATOR AND FILTER ASSEMBLY ILES OPTICAL®

TECHNICAL SPECIFICATION

PRODUCT CODE: G-N-AF-W-R-CF-Y (CARBON CARTRIDGE: G-CC-CE)

BELT WITH POCKET REGULATOR AND COALESCENT FILTER TO REMOVE LOW LEVELS OF MOISTURE AND OIL. COMPATIBLE WITH THE AVENGER BROWGUARD

RESPIRATORY PROTECTION



INSTRUCTIONS FOR USE

- Fasten waistband around the waist with the preset regulator situated above the right hip
- Ensure that the Faceshield fits comfortably and securely on the head
- Connect the compressed air supply tube to the preset regulator
- Should vibration occur upon connection, decouple and reconnect slowly
- Ensure the air supply is fitted in the correct direction
- Ensure that the visor and skirt are in place before entering the hazard area
- Where air contaminants are irritant to skin, eyes or respiratory system, use the visor system

SYSTEM PERFORMANCE

- Air Supply Pressure:
  Max: 10 Bar (145 psi) Min: 4 Bar (60 psi)
- Mask Air Supply Rate:
  Max: 2321/min Min: 160l/min
- Max Hose Length (supply to regulator): 15m
- Environmental Working Temperature: 1.5-50˚C
- Nominal Actual Filter Life: 400 Operating hours
- When used with a spray gun, needs 620l/min @ 90 psi
- Solid Particle filtration: 0.01µm
- Preset regulator incorporating flow warning gauge with integrated high efficiency coalescent filter
- Carbon Filter to absorb vapour and odour



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CLEANING & MAINTENANCE

- The external surfaces of all components may be cleaned using a sponge and warm soapy water and afterwards rinsed and allowed to dry naturally
- Do not immerse any part of the system in water, particularly the regulator as this may damage it
- Do not use abrasive substances or solvents
- Store in the packaging provided, out of direct sunlight, away from chemical and abrasive substances
- If the filter becomes damaged the filter should be replaced immediately

CONFORMITY

- The unit conforms to BS EN 1835, with a protection factor of 40
- EC Certificate Number 58459, issued by BSi Product Certification

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DIMENSIONS OF PRODUCT

Weight without filters: 463g (Approx.)

Weight with filters: 483g (Approx.)

Height: 175mm

Length: 140mm

Width: 45mm

DIMENSIONS OF OUTER PACKAGING

Quantity: 1

COMPATIBLE WITH

The wall mounted single man filter unit is compatible with the iles optical airfed range including the Avenger Browguard Faceshield shown below



MATERIALS

Carbon Filter:

Zamak Body

Carbon Element

Polycarbonate Bowl



LIMITATIONS OF USE

Protection will only be offered if the unit is fitted correctly

The filter will not remove Carbon Monoxide or other Toxic Gases. The filter changes to red when contaminated and must be changed immediately

The unit is not designed for use in atmospheres containing flammable gas mixtures

The unit is designed for use against contaminants, which are not immediately dangerous to life and health or where self-contained breathing apparatus is not essential

The unit, when in contact with the skin may cause allergic reactions to susceptible individuals

If this occurs leave the hazard area, remove and seek medical advice

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