

AFU

AIRLINE FILTRATION UNIT



Scott Safety's Airline Filtration Units remove particles, water and oil from breathable air supply for supplied air breathing apparatus. The units can be used as standalone devices for airline breathing systems, or as part of the Modulair airline trolley system.

PRODUCT HIGHLIGHTS

- Available in two sizes: two man and four man
- Comprises of two high efficiency coalescing filters and one adsorption element
- Standalone versions come mounted on a floor stand

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Scott Safety's Airline Filtration Units have a three stage filtration system. In the first stage a high efficiency coalescing filter (the AO filter) removes particles down to 1×10^{-6} metres in size. The AA, high efficiency coalescing filter in the second stage moves oil mist, water aerosol and dirt particles down to 0.01×10^{-6} metres in size, leaving a maximum remaining oil content of 0.01mg/m^3 . In the third stage an AC filter, which is an adsorption bed of activated carbon, removes oil vapours and odours. At this stage the air has a maximum remaining oil content of 0.003mg/m^3 at 21°C .

An auto-drain valve is fitted which allows water and other liquids to be drained off from the unit safely. An indicator is fitted to the first stage particulate filter which changes from green, indicating 'safe mode' to the red 'warning mode' when the filter element needs to be replaced.



AFU 4 MAN

Technical Data		
	AFU-2-Man	AFU-4-Man
Flow Rate at 7 bar	13 litre/sec 780 litre/min	25 litre/sec 1500 litre/min
Maximum inlet pressure	10 bar	10 bar
Unit inlet	$\frac{1}{4}$ " BSP	
Outlet couplings	CEN female	

Ordering Information	
Article No.	Description
2026771	AFU-2-Man
2026772	AFU-4-Man

These products do not guarantee breathing quality air. They do not filter Carbon monoxide, Carbon dioxide or other toxic gases. Always sight the compressor intake in a clean air zone and ensure the compressor is well maintained. It is a requirement to carry out regular checks of air quality, recommended at least monthly, to ensure air conforms to EN12021. Always replace elements at least yearly or sooner if indicated by air quality checks. Do not use for fluids other than ambient air. Always check the air flow requirements of the Breathing Apparatus before using.



Scott Safety is a global business unit of Tyco International that supplies a variety of industries through manufacturing facilities located in the United States, United Kingdom, Asia, Finland and Australia.

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