



factair

SAFE-AIR RANGE

BREATHING-AIR SOLUTIONS FOR DEMANDING ENVIRONMENTS

There can be no shortcuts when supplying life support. Factair's unrivalled depth of knowledge Factair Safe-Air product system of work for operatives requiring airline resp

Safe-Air Cabinets & Trolleys

Factair's range of Safe-Air Cabinets and Trolleys meet the requirements of EN14594 and are the ideal solution to provide breathing quality air from a normal compressed-air supply. Designed to be fitted to standard factory air lines or mobile compressors with after coolers the Safe-Air Cabinet is available in either wall mounted or portable formats. Each unit incorporates a pressure regulator, coalescing and activated carbon filters with condensate collected into a removable container. For applications where air inlet quality is less certain the heavy duty models are available which incorporate an additional pre-filter.

Where the chance of elevated levels of carbon monoxide and carbon dioxide cannot be excluded the Safe-Air Trolley range is available. These incorporate a pressure swing dryer and a Hopcalite filter. Each unit is manufactured almost entirely from rust-free components and are ideal for operation in arduous wet and salt laden environments.

SAC700MD	Wall Mounted Medium Duty, 3 outlets, 707 l/min
SAC700HD	Wall Mounted Heavy Duty, 3 outlets, 707 l/min
SAC950MD	Wall Mounted Medium Duty, 5 outlets, 990 l/min
SAC950HD	Wall Mounted Heavy Duty, 5 outlets, 990 l/min



SAC700MDP	Portable Medium Duty, 3 outlets, 707 l/min
SAC700HDP	Portable Heavy Duty, 3 outlets, 707 l/min
SAC950MDP	Portable Medium Duty, 5 outlets, 990 l/min
SAC950HDP	Portable Heavy Duty, 5 outlets, 990 l/min



SAT450MD	Mobile Safe-Air Trolley – Incorporating medium duty breathing-air filtration, pressure swing dryer and Hopcalite filter for CO and CO ₂ reduction, 2 no CEJN compatible outlet sockets, 450 l/min
SAT450HD	As above but with additional 25 micron pre-filter, 450 l/min



Safe-Air Hose

To suit your particular application Factair offers both PVC and rubber breathing-air hoses, both types are anti-static and approved to EN14593 and EN14594, fully meeting the 1000 Newton Class B requirement. All hoses are fitted with CEJN compatible plug and socket connections as standard, alternatives can be fitted on request.

The lighter PVC hose is designed for a range of breathing-air applications, the hose has a very low odour even after for being stored for extended periods and an easy to clean surface. For applications, such as those in the petrochemical industry, where chemical, oil and heat resistance is required, the rubber hose is the ideal choice. Larger diameter 1/2 and 3/4" hoses are also available on request.

SAH10P-10	10 metres of 10mm internal diameter PVC Breathing-Air Hose
SAH10P-20	20 metres of 10mm internal diameter PVC Breathing-Air Hose
SAH10P-30	30 metres of 10mm internal diameter PVC Breathing-Air Hose
SAHR10P-10-HR	Self-retracting hose reel c/w 10 metres PVC BA Hose, 10mm i.d.
SAHR10P-18-HR	Self-retracting hose reel c/w 18 metres PVC BA Hose, 10mm i.d.



SAH10R-10	10 metres 9.5mm internal diameter Rubber Breathing-Air Hose
SAH10R-20	20 metres 9.5mm internal diameter Rubber Breathing-Air Hose
SAH10R-30	30 metres 9.5mm internal diameter Rubber Breathing-Air Hose



support equipment. With renowned quality and an
products are the first choice when devising a safe
respiratory protective equipment.



Mobile Breathing-Air Compressors

Factair's breathing-air compressors continue to set the standard for the provision of mobile breathing-air. A range of models are available from 185 l/min (7cfm) to 1710 l/min (60cfm) and can be supplied with electric (including ATEX compliant) or diesel drive. As standard units can be supplied with a system, which, in the event of a failure sounds an alarm and automatically switches to an on-board cylinder reserve system to continue supply for a limited period. Also, available on request, Factair can provide bespoke static and containerised systems.

BA7E/110V/SO

Single phase 110V/50Hz electric 185 l/min
with 1 CEJN compatible outlet without failsafe reserve

BA7E/240V/SO

Single phase 240V/50Hz electric 185 l/min
with 1 CEJN compatible outlet without failsafe reserve
Membrane dryer version available



BA20E

Electric-driven 3 phase 380-415V/50Hz 510 l/min at 7 bar with 2 CEJN
compatible outlets, with fail safe reserve

BA22E/7

Electric-driven 3 phase 380-415V/50Hz 623 l/min at 7 bar with 2 CEJN
compatible outlets, without fail safe reserve
Membrane dryer version available



BA25DE

Diesel driven 710 l/min at 7 bar with 4 CEJN compatible outlets and
1 Dynaquip outlet, braked chassis with LP alarm and fail safe reserve

BA25DE+MD

As above, 640 l/min at 7bar with Membrane dryer

BA25DE+PSD

As above, 568 l/min at 7 bar, fitted with a Pressure swing dryer
for CO & CO₂ reduction



BA60D +MD

Diesel driven 1710 l/min at 7 bar with 8 CEJN compatible outlets and
2 Dynaquip outlets. Fitted with membrane dryer, LP alarm and fail safe reserve

BA60D +PSD

As above, 1615 l/min, fitted with a pressure swing dryer for CO and
CO₂ reduction



BA22EX

Zone 1 electric-driven breathing-air compressor
producing 540 l/min at 7 bar with 2 CEJN compatible outlets.
The electric motor is suitable for dual voltage input
400V/3PH/50Hz and 460V/3PH/60Hz. Atex classification
II 2 G IIB T4

BA20EX

Zone 1 electric-driven breathing-air compressor complete with fail safe
high pressure reserve system and whistle. Producing 450 l/min at 6 bar
with 2 CEJN compatible outlets. The electric motor is suitable for dual
voltage input 400/3/50Hz and 460/3/60Hz. Atex classification
II 2 G IIB T4



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Safe-Air Testers

The F4000 and F4001 are Factair's latest generation of air quality testing instruments and enable breathing-air quality tests to be conducted easily and quickly in accordance with EN12021. They also enable compliance with mandatory requirements of the COSHH L5 regulations. The F4000 is designed primarily for low pressure airline systems whilst the F4001 is designed for high pressure cylinders and charging sets.

Mounted within a tough impact and weather resistant PELI case, these instruments incorporate a touch screen display. Test results can be stored on the unit and exported via a memory stick to PC software which is provided with each unit. This allows results to be conveniently stored and individual test certificates printed.

F4000 Safe-Air Tester for low-pressure airline systems. Tests water, CO and CO₂ using detector tubes, oil with an Impactor and oxygen with an electronic sensor. Touch screen menu driven display and battery/mains operated. Built in memory, downloadable to PC via USB memory stick, provided with instrument. Supplied as standard in PELI carrying case. With an optional regulator assembly F3002, the Safe-Air Tester can be used for high-pressure cylinders and charging sets.

F4000ED As above but including a built-in digital dewpoint monitor



F4001 Safe-Air Tester for high-pressure cylinders or charging sets. Tests water, CO and CO₂ using detector tubes, oil with an Impactor and oxygen with an electronic sensor. Complete with high-pressure regulator.

F4001ED As above but including a built-in digital dewpoint monitor



Distribution Panels

For applications where breathing-air is required at a considerable distance from the supply source Factair provides remote distribution panels with low pressure alarm option. A single larger diameter hose is used to deliver air to the unit where it is then available via either 3 or 4 outlets. Mounted within PELI wheeled cases these units have a number of innovative features including peak inhalation reservoirs set to match the demand of the positive pressure mask being worn and flow restrictors to ensure no one user can consume the total air output being delivered to the panel. For the most demanding applications using suits and hoods the F2121 and F2210 provide variable temperature air outlet control systems.

F2024A 3-outlet Alarmed Distribution Panel Mobile Unit
F2025A 4-outlet Alarmed Distribution Panel Mobile Unit
F2121 Digital Flow Distribution Panel
F2210 Digital Flow Distribution Panel with integral air chiller
F2210H Digital Flow Distribution Panel with air outlet temperature control



Trailair Long Duration Cylinder Sets

For applications where the use on an engine driven breathing-air compressor would be inappropriate Factair provides long duration cylinder sets. These units are available in a variety of different configurations with a number of options available in terms of the number of cylinders, sizes and storage layouts. Each unit incorporates an alarm system to sound a warning when cylinder contents drop below a preset pressure.

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