

factair

Safe Air Cabinets



Factair's latest generation of Safe-Air Cabinets provide high quality breathing-air by filtration from a normal compressed-air supply. Designed to be fitted to standard factory air lines or mobile compressors with aftercoolers the filtration system removes liquid and solid particulate down to a size of 0.01 micron and then oil vapour and odour down to 0.003 p.p.m (exceeding the criteria laid down in BS EN 12021).

Mounted in durable, impact resistant polyethylene housings the Safe-Air Cabinets can be used in the most hazardous and hard working environments and are available in wall mounted or portable free standing options.

The Safe-Air Cabinets are available in 2 different output sizes either 425 l/min from 2 outlets or 850 l/min from 4. As standard the Safe-Air Cabinets are provided with a coalescing and carbon filters, however, for heavier duty applications a pre-filter is also available. Each unit is fitted with a pressure regulator, pressure gauge and automatic condensate collection. The breathing-air outlet pressure is set using an adjusting key and the pressure gauge incorporates the correct operating parameters for both positive pressure and constant flow masks, in accordance with the requirements of BS EN 14594.

The wall mounted version of the Safe-Air Cabinet incorporates the outlet connection manifold on the bottom of the unit. This ensures that users can operate on either side and to the front of the cabinet reducing the potential for hoses to be kinked and distorted. The portable version is fitted with a carry frame to allow the unit to be used on rough or uneven terrain, on this version, to prevent the outlet connections being damaged they are mounted on the right hand side.



SAC425MD Wall Mounted

2 Outlets with 2 SAH10-30 Breathing-Air Hoses connected



SAC425MD



SAC850HD



Model	Capacity (l/min)	Pre-filter	Coalescing filter	Activated Carbon filter	Max Inlet Pressure (bar)	Outlets	Dimensions (mm)	Weight (kg)
SAC425MD	425	-	✓	✓	16	2	430 High x 280 Wide x 162 Deep	4.5
SAC425HD	425	✓	✓	✓	16	2		5.0
SAC850MD	850	-	✓	✓	16	4		5.0
SAC850HD	850	✓	✓	✓	16	4		5.5

Additional Options

- ❑ For the portable carry frame option add the suffix P to the model reference and 1 kg to the weight.
- ❑ For an intrinsically safe low pressure warning whistle add the suffix W.
- ❑ For a battery powered low pressure audible and visual alarm add the suffix A.