

Delta+ 90 FreshAir

ROBUST AND INTEGRATED SOLUTION



WELDING AND RESPIRATORY PROTECTION IN HARD HAT WORK AREAS

Delta+ 90 FreshAir integrates head, face, and respiratory protection in one high strength unit, providing maximum protection and comfort for welders and fabricators in designated head protection areas. High quality hearing protection can also be integrated as an optional extra.

Delta+ 90 FreshAir features a separately hinged welding visor that can be raised independently from a large and clear impact grade face shield, offering exceptional vision of the work area for pre- and post-welding and fabrication processes, whilst always providing its user with a safe and clean breathing environment. Also, the welding visor can be easily removed for functions where welding protection is not required, but high quality respiratory, head, face, and hearing protection are essential.

Delta+ 90 FreshAir units are combined with either a rechargeable, battery powered FreshAir filter pack or locally supplied breathing air source via a FreshAir regulation valve. Cool, clean, filtered breathing air is channeled over the welder's face, eliminating harmful airborne welding fumes and dust contamination. The adjustable face seal, combined with the 'positive air pressure' design, creates a safe and easy breathing zone for all day welder comfort and helps to prevent the lens from misting.

KEY BENEFITS



MAXIMUM PROTECTION

for your head, face, and respiratory system



EXCEPTIONAL VISION

Due to an intelligent, separately hinged welding visor

BENEFITS



- A heavy duty integrated solution offering hard hat welding and grinding protection
- EN 397, EN 175 B, AS/NZS 1801, and AS/NZS 1337.1
- FreshAir Flow control rated to EN 12941 TH2 and AS/NZS 1716
- Welding visor can be fitted with either standard or ADF welding lens
- Impact rated full-face clear visor for exceptional protection and work area visibility
- Positive pressure design makes breathing effortless and safe at all times
- Choose either a battery powered filter pack or a regulated airline supplied breathing air system
- Includes mounting for optional high quality ear defenders

ALTERNATIVE EQUIPMENT AND SOFTWARE



Beta 90 FreshAir

Beta 90 FreshAir provides a lightweight personal protection solution for the respiratory system and facial areas when welding and grinding.

TECHNICAL SPECIFICATIONS

Delta+ 90 FreshAir

Product code	9873068
Air flow	140 - 210 l/min at 8 adjustable flow rates
Weight of the blower unit incl. filter and battery	900 g
Noise level	61 dB
NiMH battery lifetime	500 - 700 charging cycles
One charging cycle	10-14 hours
Belt size	80 - 100 cm
Recommended temperature range	10 - 60 °C
Recommended humidity range	20 - 80 % Rh
Certification	If the requirements of TP-610050-1 are met, it complies with EN 12 021
Minimum air flow	170 l/min-1
Maximum air flow	500 l/min
Weight of the unit	250 g
Inlet connection	Compatible with RECTUS series 23, 26 a CEYN320
Outlet connection	MINI DN 5
Supply pressure range	300 - 1000 kPA
Weight without filter	6300 g
Weight including filter	6800 g