

PAPR – PA800. Welding PAPR Complete System



Description

The ClearVIEW PA800 is a respiratory protective system which is based on the principle of circulated positive-pressured air in the hood. The belt-mounted blower unit delivers air through a filter and via an air hose into a headpiece (a hood or mask). The supply of filtered air creates positive pressure inside of the headpiece, which prevents the external contaminated air from entering the user's breathing zone.

The PA800 comes in a ClearVIEW bag with 3 outer lenses, 2 inner lenses and a pack of 5 prefilters.

Features

The PA800 unit is a belt mounted powered respirator with a replaceable, disposable high efficiency particle filter system. The system is certified with the helmet OHE410 Digital ADF and the helmet covers head sizes from 535 to 600mm circumference.

Using a highly efficient TH2 P R SL filter allows the ClearVIEW PA800 to protect against hazards such as powders, mists and welding fumes. The assigned protection factor is AP20.

The ClearVIEW PA800 unit contains a removable 8hr rechargeable battery pack. The Li-Ion battery is replaceable allowing the unit to be used for split shifts by simply changing the battery over.

Constructed from robust ABS material, the PA800 unit is tough and able to cope with the harsh welding environment. It also comes with a spark deflector designed to protect the PRSL filter from direct contact with spatter or airborne particles.

Every aspect of the welding environment has been taken into consideration and shows in the design. For example the hose comes complete with a cotton FR treated cover to reduce the risk of damage from spatter.

The ClearVIEW PA800 uses the ClearVIEW OHE410 welding helmet fitted with a cotton FR treated face seal to maximize comfort. It features a multi-adjustable headgear with an overhead air duct and a fluted air diffuser to reduce the risk of "dry eye effect" by directing the air flow towards the front of the shell and not over the user's eyes.

The ClearVIEW OHE410 headtop is equipped with a high quality 3/5-8 / 9-13 digital electronic Auto Darkening Filter (ADF) with grind function. Switching time from clear to dark is approximately 0.00004 sec (0.04ms) providing quick and effective protection. The ADF provides complete UV and IR light protection in both dark and clear states and is powered by a lithium battery. The welding filters operate well under extreme low lighting and very strong sunlight by simply adjusting the sensitivity of the lens.

Technical Specification

Helmet type	PA800 PAPR
Part #	11355435
Outer lens	119 x 99.3 x 1.5mm
Inner lens	99 X 65 X 0.8mm
Field of view	98 X 62mm
ADF Class	Digital 1,1,1,2
Light shade state	3
Dark shade state	Digital 3/5-8 / 9-13
Switching speed	0.00004 sec (1/30.000)
Delay adjustment and sensitivity	Digital (1-5) 0.1-0.7S, Digital (1-4)
Sensors	4 – spaced out, around the viewing area
Power supply	Solar cells + Lithium battery (back up)
Operating temperature	-5 to +55 °C
Used for	MMA welding, MIG (Steel, stainless, aluminum), TIG (above 20 amps)
Grinding safety	This welding helmet is suitable for grinding applications
Air flow	3 levels choice: 180 Litres/min~220Litres/min
Type of filter*	P R SL
Type of battery	Replaceable and rechargeable Li-ion 7.4V/5200Ah
Charging cycles	>350
Visual (LED) and audible and vibration alarm	For low battery voltage For insufficient flow rate(below 170L/min)
Actual Protection Factor (APF)	20
Noise level	65dBA
Operating time	Greater than 8 hours on minimum flow rate with a new filter and fully charged battery in a clean environment Note: operating time can be shortened in case of clogged filter or undercharged battery
Weight with filter	1020 grams
Certification	EN 12941:1998+A1:2003+A2:2008

*Filter symbols

R - this means the filter is reusable for more than one shift
S - means the filter protects against solid particles
L - means the **fiber** protect against liquid particles

Spare parts for PA800 PAPR System

Part #	Description
11355435	OHE410 D60 PA800 PAPR Complete System Et Bag
11355434	OHE410 Headtop Assembly for PA800 D60
11355433	PAPR Complete PA800 Blower Kit
11320069	PA700/PA800 Li-Ion Battery
11320071	PA700/PA800 Blower Belt
11320070	PA700/PA800 Blower Battery Charger
11320067	PRSL Filter For PA700/PA800 Blower Unit
11320074	OHE410 Face Seal for Papr System
11320073	OHE410 Head-Gear Et Airduct Assembly
11320068	Pre-Filter for PA700/PA800 Blower (10 Pack)
11320072	OHE410 PAPR Sweat Band (2 Pack)
11355584	ClearVIEW ADF Lens Spare for PA800
11355585	ClearVIEW Inner Protection Plate for PA800 (10 Pack)

Spare parts for OHE410 Welding Helmets

Part #	Description
11303640	OHE410 ADF Retainer and 1x Thumb Screw
11303637	OHE410 Inner Protective Lens
11303641	OHE410 4-9/13 ADF Electronic Lens (with Grind Function)
11303636	OHE410 Anti-spatter Lens
11303639	OHE410 Sweatband
11303638	OHE410 Headband Assembly Complete

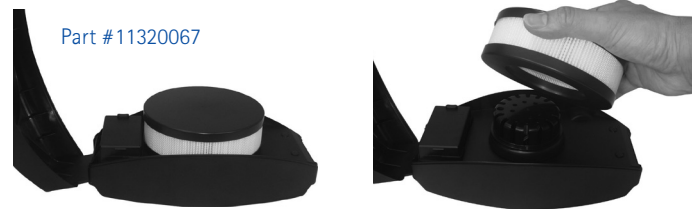
Disposal

The PAPR Welding Helmet should be disposed of as industrial waste. The helmet shell and headgear can be recycled.



Friendly Reminder

Filters must be regularly checked (see Air Flow Test) and replaced. From the hygienic point of view the maximum working time of a main filter is 180 hours and should not be exceeded.



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