

# AIRPLUS®

## WELDFAST MWA

The AirPlus® Powered Air System is the third generation development from the ArcOne® 20-year PAPR program. This Respiratory System combines electronic superiority with timeless simplicity at an affordable price. The AirPlus® creates a positive pressure inside the respirator head top keeping out harmful welding fumes and particulates. Extended battery life, multiple alarm systems, lightweight comfort and an unbeatable price creates the perfect product for Industrial use.



#### Features:

- 8-setting airflow control, minimum flow at 170 LPM
- Constant airflow correction technology
- Visual and audible alarms for low battery voltage
- Includes smart charger
- 14-hour lithium-ion battery (at min. fan speed in smokeless lab environment)
- Audible and vibration alarms for low flow (clogged filter) and missing filter
- Flexible breathing tube with quick disconnect with fire retardant air-hose cover
- Ergonomic comfortable belt
- Convenient single, replaceable HEPA filter

PART #: AP-1

INCLUDES: BATTERY, BATTERY CHARGER, BELT, FLAME RETARDANT COVERED HOSE, AIRFLOW INDICATOR, POWERED RESPIRATOR WITH P3 FILTER AND DUFFLE BAG



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# WELDFAST

UK LTD



# WELDFAST MWA

Powered Air Respiratory Protection (PAPR) Brochure

Featuring:



## TECMEN®

# AirShield®

## WELDFAST MWA

ArcOne's full-coverage grinding visor exceeds expectations with its durable construction, large viewing area, sturdy headgear, quick and easy visor installation and removal, all at an economical price-point.

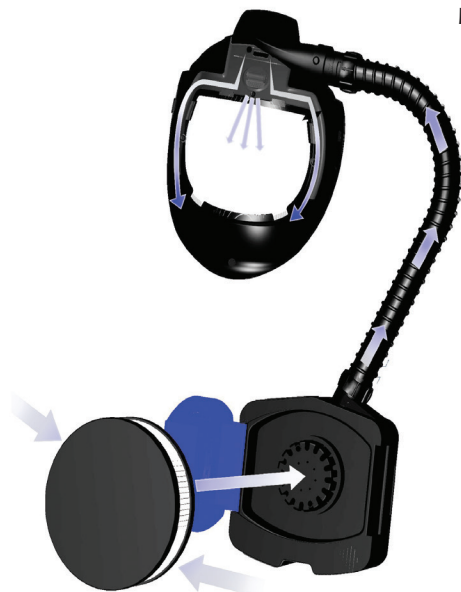


#### Features:

- **Large shield-like viewing area**  
Visor dimension: 6.96" x 5.42" x 0.04"  
Viewing area: 41.2 sq. in.  
(176.9 mm x 137.7 mm x 1.0 mm,  
Viewing area: 26560 mm<sup>2</sup>)  
The visor is 0.067" thick
- **Complete with comfortable 04-HG sweatband**
- **Shell is 0.28 lbs (130 grams);**  
Visor is 0.12 lbs (55 grams);  
Complete 0.58 lbs (265 grams)
- **Meets/Exceeds: CE EN 12941, ANSI Z87+, CAN/CSA Z94.3**

#### Respiratory:

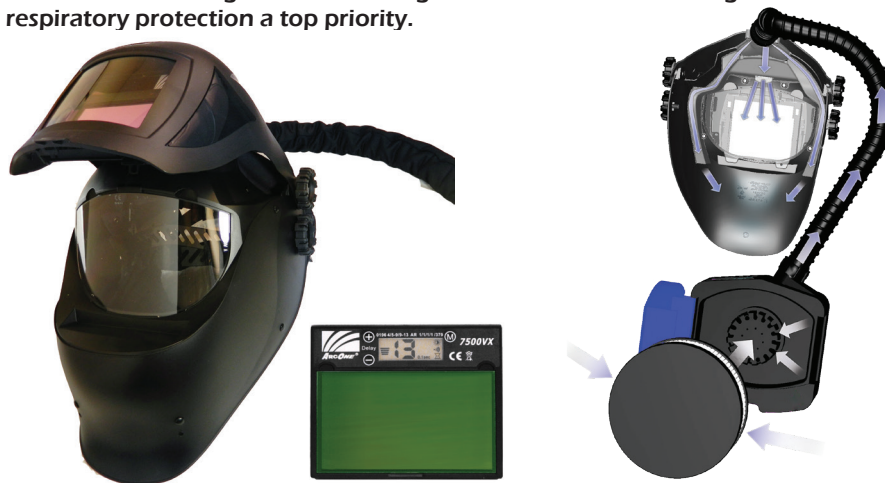
- **Direct flow into the helmet with new air manifold system**
- **User control of airflow direction**
  - »» Fully open air setting to mitigate fogging
  - »» Fully closed air setting to channel airflow to breathing zone
  - »» Partially closed air setting for taking the sweat out of welding
- **Lightweight, super comfortable 100% cotton, FR treated face seal**
- **Easy change face seal, no more nuts and bolts to fiddle around with**
- **AirShield® certificate # 235/E-030/2017**



# EAGLE®

## WELDFAST MWA

ArcOne® has redesigned the Eagle® helmet into one that now meets the highest demands of welding. The all new Eagle® is our first helmet designed to make respiratory protection a top priority.



#### 7000MV Specification

Optical Class:	1 / 1 / 1 / 1
Viewing Area:	60 x 100mm
Cartridge Size:	110 x 90mm
Arc Sensor:	2
Light / Dark State:	DIN 4 / DIN 5-8 / 9-13
Shade Control:	External, Variable Shade
Power On/ Off:	Fully Automatic
Sensitivity Control:	Low—High, Adjustable Infinitely
UV/ IR Protection:	Up to shade DIN16 at all times
Power Supply:	No batteries
Switching Time:	1/10000s from light to dark
Delay (Dark to light):	0.1 ~ 1.0s by dial control knob
Low Amperage TIG Rated:	≥ 5 amps (DC); ≥ 5 amps (AC)
Grinding:	Yes
Application range:	MMA, TIG, TIG Pulse, MIG, MIG Pulse, Plasma Cutting, Plasma Welding, Arc Air Gouging, Grinding.
Approved by:	CE EN 12941 and ANSI Z87+ high impact Eagle® certificate # 235/E-031/2017

# TECMEN®

## PAPR Freflow V1 System

#### PAPR Specification

Air flow rate:	Low speed: 170 lpm High speed: 210 lpm
Battery type:	Rechargeable Li-ion Battery
Standard Battery duration: Heavy Duty Battery duration	9 hours Low/ 5 hours High 15 hours Low/ 9 hours high
Battery charge time	1 hour - Standard 2 hours - Heavy Duty
Battery life:	550 charges
Filter efficiency:	99.97%
Alarms:	Visible, Audible and Vibrate
Operating temperature:	-5°C to 55°C (23° to 131° F)
Weight:	1.2 KG
Standard:	EN 12941 TH2, NIOSH 42 CFR 84 AS/NZS 1716



Grafitti



Runway Blue



Black

#### ADF800S Specification

Optical Class:	1 / 1 / 1 / 1
Viewing Area:	97 x 62mm
Cartridge Size:	133 x 114 x 9mm
Arc Sensor:	4
Light / Dark State:	DIN 3.5 / DIN 5-8 / 9-13
Shade Control:	Internal, Variable Shade
Power On/ Off:	Fully Automatic
Sensitivity Control:	Low—High, Adjustable Infinitely
UV/ IR Protection:	Up to shade DIN16 at all times
Power Supply:	Solar cell. Battery Replaceable, 2 x CR2450 lithium battery
Switching Time:	1/25,000 s. From light to dark
Delay (Dark to light):	0.1 ~ 1.0s by dial control knob
Low Amperage TIG Rated:	≥ 2 amps (DC); ≥ 2 amps (AC)
Grinding:	Yes
Application range:	MMA, TIG, TIG Pulse, MIG, MIG Pulse, Plasma Cutting, Plasma Welding, Arc Air Gouging, Grinding.
Approved by:	DINplus, CE, ANSI Z87.1, CSAZ94.3, AS/NZS 1338.1