

# Weldclass

### **ALLCLEAR MT84 ON-TORCH FUME EXTRACTOR**

#### AT A GLANCE

- ✓ Fume collection that follows your weld
- ✓ Designed for high volume & frequent use: dual motors, large filter, high airflow
- Australia's most powerful on-torch extractor in it's
- Fast, easy, and safe in-situ filter cleaning via jet-clean
- ✓ Compact, portable, with large heavy-duty wheels for rugged workshop use

#### MATCH WITH WELDCLASS FT36E MIG TORCH

- ✓ Integrated fume extraction, ready to plug and play
- Torch trigger syncs with extractor for auto on/off function\*
- Removable, fast changeover pistol grip
- Uses common BZL 36 consumable parts
- 320A capacity











Part No. WC-MT84

### **ALLCLEAR MT31 ON-TORCH FUME EXTRACTOR**

### AT A GLANCE

- Fume collection that follows your weld
- Designed for light/medium industrial applications (for high volume use, consider ALLCLEAR MT84 unit)
- Auto On-Off, syncs with MIG torch trigger\*
- Compact and portable

### MATCH WITH WELDCLASS FT36E MIG TORCH

- ✓ Integrated fume extraction, ready to plug and play
- Torch trigger syncs with extractor for auto on/off function\*
- Removable, fast changeover pistol grip
- Uses common BZL 36 consumable parts
- 320A capacity





7 YEAR





MOBILE

Part No. WC-MT31

# Weldclass

### **PROMAX 680R DIGITAL PAPR WELDING HELMET**





### **Enormous 95cm<sup>2</sup> Viewing Area with** V1 (1/1/1/1) rated optics

116 x 81mm 'landscape' format for wider & more natural field of view



#### **Advanced Digital Controls**

+ illuminated LCD screen



### **External Controls**

- Mode: Weld, Cut, Shade-Lock
- Grind mode on/off
- · Auto/Manual Shade
- · Shade level (manual) or Shade deviation (auto)
- · Memory save



#### **Auto Functions**

Choice of auto or manual shade, sensitivity & delay adjustments





Part No. WC-06700



# **PROMAX 850R**



#### Flip-up Lens

Wide view grinding visor, Side view windows



Super-size 95cm<sup>2</sup> Viewing Area with V1 (1/1/1/1) rated optics



#### **Advanced Digital Controls**

+ illuminated LCD screen



Audio, visual and vibration filter alarm



### **Auto Functions**

Choice of auto or manual shade, sensitivity & delay adjustments



Part No. WC-06702









# Weldclass.

## **MOBILE FUME EXTRACTORS**



## **FUME EXTRACTION GRINDING & WELDING TABLES**

### **TA100**

- For welding & light grinding
- ✓ Built-in filter
- Operates on ~230V 10A single phase power
- Compact and mobile
- Ideal for education and training applications
- Powerful 1kw fan, with max 3,000m³ air flow



Part No. TA100

### TA400

- Operates on 415V 3-phase power
- Cleanable filter for longer filter life & reduced operating costs
- Automatic filter cleaning
- Heavy-duty build for industrial use, with exceptional 2,500m³/ hr airflow rate and 500kg load capacity



Part No. WC-TA400



## Weldclass.

## **WALL MOUNTED FUME EXTRACTION FAN**

### **ALLCLEAR FA25**

### AT A GLANCE

- ✓ For welding and grinding dust and fumes\*
- Commonly used with ducted systems, where fumes are ducted externally and/or to large central extraction/filter units
- Available with 3m or 4m suction arms (sold separately to the fan)
- Wall-mounted, for minimal intrusion in work spaces
- Fan includes wall-mounting bracket and on/off switch/control box

### **FEATURES**

- Made in Europe
- Flexible PVC suction hose with a welded steel wire coil
- ✓ Temperature resistance up to 120°C
- Rectangular outlet on fan for easy ducting



Part No.	Description
WC-FA253M	Fan + 3m Arm Package
WC-FA254M	Fan + 4m Arm Package
91025FA1	Fan/Motor Only with Bracket
91005003	Arm Only 3m
91005004	Arm Only 4m

<sup>\*</sup>This unit is an extraction fan only and does not include a filter. Suitable for welding and grinding fumes, if used together with a suitable filtration and/or ducted system.

## PERSONAL FUME DETECTOR

### **ALLCLEARPD30**



Time Weighted Average (TWA) Reading



Runtime 12+ Hrs



Small and Lightweight 260g



Made in Australia

### **FEATURES**

- Wearable Get the real reading of fume from where your people are
- Designed and Manufactured in Australia
- Color coded visuals for fast representation of the air quality
- Shock absorbent protective rubber surround
- Tough and Durable clip to attach to clothing or belts



Part No.	Description
WC-01688	Personal Fume Monitoring Device



# Weldclass



- The Workplace Exposure Standard (WES) for welding fume was revised in January 2024, lowering the limit from 5mg/m³ to 1mg/m³. This new standard applies not only to welders but also to any workers in proximity to welding activities or anyone else potentially exposed to welding fumes within the workplace.
- This is a mandatory legal requirement that Health and Safety regulators are actively enforcing across Australia. To ensure compliance, personal air monitoring is advised, and you can seek the expertise of the Australian Institute of Occupational Hygienists (AIOH) for this purpose.
- Welding fumes are classified as carcinogenic by the International Agency for Research on Cancer (IARC).
   Prolonged exposure can lead to serious respiratory issues, including asthma, bronchitis, and in severe cases, lung cancer.
- Studies consistently show that without appropriate controls, typical welding fume and ozone exposures are
  likely to surpass regulatory limits. Therefore, a robust combination of Personal Protective Equipment (PPE) and
  Powered Air Purifying Respirator (PAPR) alongside engineering controls, such as portable fume extractors and
  on-torch fume extraction systems, is highly recommended.
- It's essential to differentiate between Box Filters and Cleanable Cartridge Filters when selecting a fume control solution, as well as to understand the critical role suction plays in the performance of portable fume extraction units.
- Legislation around workplace safety and environmental impact is only going to get stricter. Investing in AllClear now future-proofs businesses against forthcoming regulatory changes.
- Portable and Adaptable: AllClear units are designed for easy mobility, allowing them to fit seamlessly into any workspace without major disruptions.
- Versatility Across Welding Processes: Compatible with a wide range of welding machines and processes, making them a flexible solution for various production setups.
- No System Overhaul Needed: Businesses can implement AllClear units without the need to redesign or overhaul existing workflows, ensuring compliance with safety standards quickly and efficiently.
- AllClear Fume Control units come with a comprehensive 7-Year Warranty, ensuring long-term reliability and peace of mind for your fume extraction needs
- Visit the Safe Work Australia website for further legislative information https://www.safeworkaustralia.gov.au/



