

# PORTABLE WELDING FUME EXTRACTOR



## PRODUCT SPECIFICATIONS:

**Type:** Portable/Mobile Welding Fume Extractor  
**Models:** DER-AE & AED  
**Suction Arm:** Single or Double (optional)  
**Bottom:** Equipped with directional wheels for mobility

## APPLICATION AREA:

Fans attract welding smoke exhaust gas through a universal vacuuming mask. Flame arrester blocks sparks, allowing smoke gas to settle using gravity and upstream airflow. Thick dust drops into the ash hopper, while fine particles are trapped by the filter core. Clean gas enters the clean room after further filtering and purification. Clean air is exhausted after additional purification via an active carbon filter.

**IDEAL FOR ELECTRIC ARC WELDING, CO2 SHIELDED WELDING, MAG WELDING, CARBON ARC GOUGING WELDING, GAS MOLTEN CUTTING, SPECIAL WELDING, AND OTHER WORKPLACES WITH FUMES AND DUST.**

## WORK:

Fans attract welding smoke exhaust gas through a universal vacuuming mask. Flame arrester blocks sparks, allowing smoke gas to settle using gravity and upstream airflow. Thick dust drops into the ash hopper, while fine particles are trapped by the filter core. Clean gas enters the clean room after further filtering and purification. Clean air is exhausted after additional purification via an active carbon filter.

## EQUIPMENT ADVANTAGES:

Turbine fan and motors with anti-overload circuit for safety and stability.  
Built-in central electric control for simple operation.  
Automatic dust cleaning system (AED series) or manual type (AE series) with an air compressor for dust removal.  
Filter drum with long service life and effective filtering of wet and sticky dust.  
Universal absorption arm with 360 degrees range for improved dust collection.  
Three levels of fire hazard and slag protection for increased safety and reliability.  
Evenly distributed grille air vents for reduced noise.  
Korean type caster wheels with brakes for easy movement and positioning.  
Photoelectric control for efficiency and energy savings.  
Optional cantilever mask with illumination device.  
Easy-to-replace consumable materials with stable performance.