Ace® INDUSTRIAL PRODUCTS

WeldSense™

from Associated Equipment Corp.

Welding Fume Extractors

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Portable Welding Fume Extractors

For use on jobsite and maintenance welding applications where portability is necessary

Page	Model	Description
3	73-201-95	95-190 cfm, with 95% (MERV 15) main filter, pre filter, 10 foot hose assembly
3	73-201-HEPA	95-190 cfm, with HEPA main filter, pre filter, 10 foot hose assembly
4	73-200G	190 cfm, with 95% (MERV 15) main filter, pre filter, 10 foot hose assembly
4	73-200M	190 cfm, with HEPA main filter, pre filter, 10 foot hose assembly
5	73-250	190 cfm, with 99.5% (MERV 16) cleanable main filter, 10 foot hose assembly
5	73-251	95-190 cfm, with 99.5% (MERV 16) cleanable main filter, 10 foot hose assembly

Mobile Welding Fume Extractors

For use in production welding applications where high volume extraction performance is required

Page	Model	Description
6	73-701	800-950 cfm, with 95% (MERV 15) main filter, pre filter, 10 foot extraction arm
7	73-801	1100 cfm, vertically oriented, 10 foot extraction arm (filters sold separately)
7	73-801DA	1100 cfm, vertically oriented, dual 10 foot extraction arms (filters sold separately)
8	73-601	1200 cfm, horizontally oriented, 10 foot extraction arm (filters sold separately)
8	73-601DA	1200 cfm, horizontally oriented, dual 10 foot extraction arms (filters sold separately)
9	73-851	950 cfm, vertically oriented, 99.5% (MERV 16) cleanable filter, 10 foot extraction arm

Downdraft Tables

For use in production welding and grinding applications

Page	Model	Description
10	73-923	1200 cfm, 24” x 36” adjustable extraction surface, 95% (MERV 15) main filter
10	73-951	950 cfm, 24” x 36” adjustable extraction surface, 99.5% (MERV 16) cleanable main filter

Ambient Air Cleaners

For general air cleaning and recirculation for metalworking, woodworking, automotive, and other facilities

Page	Model	Description
11	74-1800A	1800 cfm metalworking ambient air cleaner, with 95% (MERV 15) main filter
11	74-1800W	1800 cfm woodworking ambient air cleaner, with 65% (MERV 11) main filter

Stationary Welding Fume Extractors /Fume Exhauster Blowers and Arms

For use in production welding applications where limited floor space requires wall mounted solutions

Page	Model	Description
11	73-501	Wall mounted filter box, with 95% (MERV 15) main filter, pre filter, dual arm inlet
11	75 Series	Wall mounted exhaust blowers and articulating extraction arms with optional extension booms, for use independently as an exhaust system or with 73-501 filter box

Handheld Compressed Air Vacuum Cleaner

For general shop cleaning of virtually all materials, powered by compressed air

Page	Model	Description
12	80-201 Series	Handheld vacuum gun with pistol trigger, collection bag, accessories

Please contact factory or www.aceindustrialproducts.com for independent product certifications.
Ace Industrial Product’s primary product portfolio is designed, patented, and assembled in the US.

73-201 Series

The most versatile portable extractor available, with High and Low extraction capability for MIG, TIG, and soldering work. Designed for jobsite and maintenance welding, this unit is lightweight, portable and easy to use.

- 95/190 CFM high vacuum fume extraction and filter capacity
- Designed for field and bench work, this unit is lightweight, portable, and easy to use
- Unit accommodates 9 different filtering combinations for maximum flexibility in all types of applications
- **73-201-HEPA:** HEPA filter for Hexavalent Chromium control
- **73-201-95:** 95% efficiency filter included for general welding fume protection (MERV 15)
- Built in spark trap for fire safety
- LED filter status light alerts operator to the need for filter change
- Includes 10 foot extraction hose (extra lengths can be added) with flexible nozzle assembly
- Also includes magnetic support base for hands free operation
- May be direct connected to MIG extraction gun with optional adapter
- Optional two-operator adapter increases use and flexibility (Model No. 99-613)
- Optional Weldsense™ arc sensing device facilitates ease of use, saves energy, and lengthens filter life (Model No. 99-800)
- Heavy Duty steel cabinet will withstand rugged daily use
- 5.7-11.4 Amp, 120 Volt, 60 HZ, Single Phase
- Dimensions: 24"L x 17"H x 12"W
- Weight: 58 pounds (with filters installed)

Designed especially for contractors and maintenance workers who require and demand durable,reliable, and effective equipment

Not recommended for arc gouging or plasma cutting operations

73-200 Series

Our most popular portable extractor, powerful, durable, and equally effective for all forms of MIG, TIG, and soldering work.

- 190 CFM high vacuum fume extraction and filter capacity
- Designed for jobsite and light production welding, this extractor is lightweight, portable, and easy to use
- Unit accommodates 9 different filtering combinations for maximum flexibility in all types of applications
- **73-200M:** HEPA filter for Hexavalent Chromium control
- **73-200G:** 95% efficiency filter included for general welding fume protection (MERV 15)
- Built in spark trap for fire safety
- LED filter status light alerts operator to the need for filter change
- Includes 10 foot extraction hose (extra lengths can be added) with flexible nozzle assembly
- Also includes magnetic support base for hands free operation
- May be direct connected to MIG extraction gun with optional adapter
- Optional two-operator adapter increases use and flexibility (Model No. 99-613)
- Optional Weldsense™ arc sensing device facilitates ease of use, saves energy, and lengthens filter life (Model No. 99-800)
- Heavy Duty steel cabinet will withstand rugged daily use
- 11.4 Amp, 120 Volt, 60 HZ, Single Phase
- Dimensions: 24"L x 17"H x 12"W
- Weight: 57 pounds (with filters installed)

Featuring nine filtering combinations, including HEPA for Hexavalent Chromium control, and 95% (MERV 15) for carbon steel weld fumes.

Not recommended for arc gouging or plasma cutting operations

73-250 Series

Featuring cleanable high efficiency filters, these extractors are highly effective and easy to operate. For jobsite and light production welding.

- Features 99.95% efficiency cleanable canister filter (MERV 16)
- LED filter status light alerts operator to the need for filter change
- Includes 10 foot extraction hose (extra lengths can be added) with flexible nozzle assembly
- Also includes magnetic support base for hands free operation
- May be direct connected to MIG extraction gun with optional adapter
- Optional Weldsense™ arc sensing device facilitates ease of use, saves energy, and lengthens filter life (Model No. 99-800)
- Optional two-operator adapter increases use and flexibility (Model No. 99-613)
- Heavy Duty steel cabinet will withstand rugged daily use
- 50 pounds
- 24"L x 12"H x 12"W

Model 73-250 Portable Fume Extractor w/Cleanable Filter

- 190 cfm high vacuum fume extraction and filtering capacity
- Designed for field and bench work, this unit is lightweight, portable, and easy to use
- Built-in spark trap for fire safety
- 11.4 Amps, 120 Volt, 60 HZ, Single Phase

Model 73-250

Model 73-251 Portable Advanced Fume Extractor w/Cleanable Filter, high-low extraction settings, ergonomic handle design, and onboard filter cleaning capability

- 95-190 cfm high vacuum fume extraction and filtering capacity
- Onboard filter cleaning operation keeps hazardous particulate safely contained within the extractor
- Built in spark trap for fire safety
- Ergonomic multi position handle design
- 5.7-11.4 Amps, 120 Volt, 60 HZ, Single Phase

All the power and effectiveness of our classic portables with the convenience of a cleanable canister filter

Model 73-251

Not recommended for arc gouging or plasma cutting operations

73-701

Mobile Fume Extractor
For production, maintenance, and hobbyist welding, our newest extractor is small enough to carry onto jobsites, yet powerful enough to use for heavy duty production welding.

- 800-950 cfm, two speed, high volume fume extraction capability
- Ideal for shopfloor use with the mobility to move from workstation to workstation
- Light enough to lift (dual handles for two lifters) for portability on jobsites
- 10 foot extraction arm with articulated joints designed to hold position for hands free use while providing full reach 360° rotation capability
- 95% efficiency main filter (MERV 15) and pleated pre filter included
- HEPA main filter option available
- Wide mouth source capture hood with safety grill
- Heavy duty all steel cabinet provides years of reliable use
- Built in spark trap for fire safety
- Durable 5” locking swivel casters for maximum mobility in close quarters
- Magnehelic gauge alerts operator to filter condition
- Optional Weldsense™ arc sensing device facilitates ease of use, saves energy, and lengthens filter life (Model No. 99-800)
- Two year limited warranty
- 1 HP, 120 VAC, 60 HZ, Single Phase
- 59dB @ 5 feet
- Dimensions: 43.5L x 28.5″H x 26.5″W
- Weight: 200 lbs

Our newest and most versatile fume extractor, with all the power and durability you’ve come to expect from Ace

Not recommended for plasma cutting or carbon arc gouging

73-801

Powerful mobile fume extractor with a compact, space-saving design. Designed for high volume production welding, this unit is effective for all types of welding materials and processes.

- 1100 cfm, high volume fume extraction and filtration capability
- Designed for shop floor use with the mobility to move from workstation to workstation
- 10 foot extraction arm with articulated joints designed to hold position for hands-free use while providing full reach 360° rotation capability
- Wide mouth source capture hood with adjustable airflow damper
- Accommodates 18 different replaceable filtering combinations for maximum flexibility in all types of applications (filters sold separately)
- Magnehelic gauge alerts operator to filter condition
- Heavy duty, all steel cabinet provides years of reliable use
- Built in spark trap for fire safety
- Durable casters, two that swivel and lock for stability
- Two operator model available **(see 73-801DA pictured below)**
- Optional Weldsense™ arc sensing device facilitates ease of use, saves energy, and lengthens filter life (Model No. 99-800)
- Two year limited warranty
- 1 HP, 120 VAC, 60 HZ, Single Phase
- Dimensions: 33"L x 59"H x 26"W
- Weight: 315 lbs.

Small footprint, designed especially for shops with limited floor space

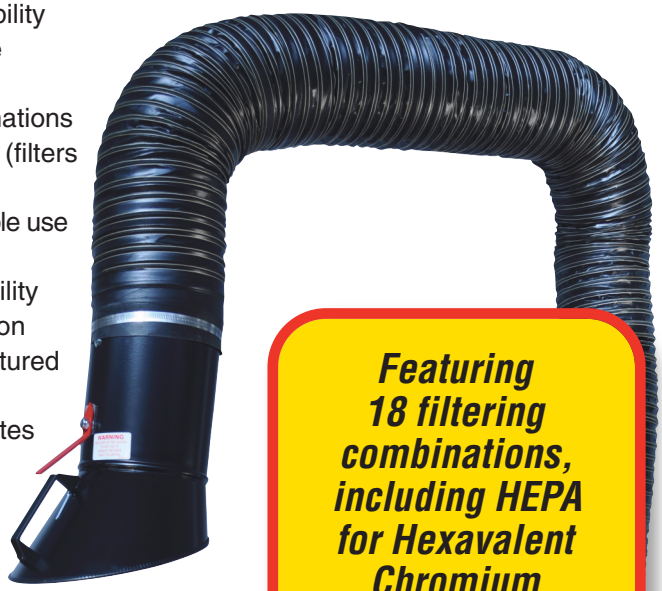
73-801DA: Dual arm model

Not recommended for arc gouging or plasma cutting operations

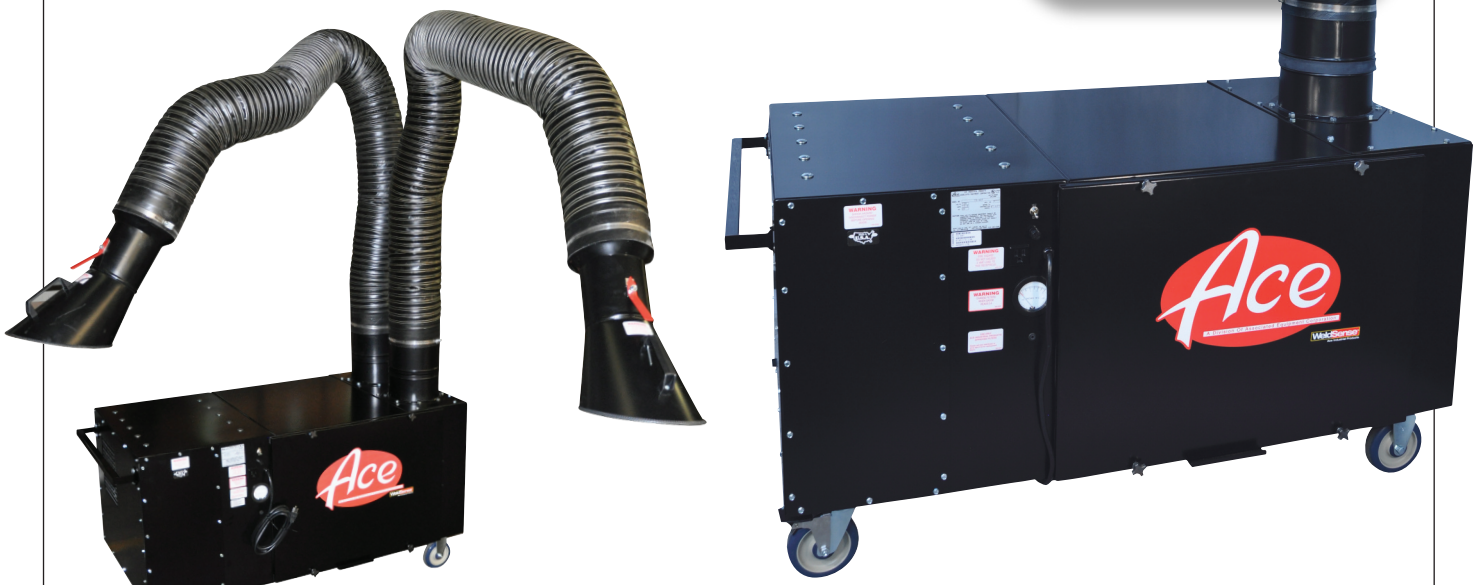
73-601

Our classic mobile fume extractor with a full-reach 360° rotating extraction arm. Designed for high volume production welding, this unit is effective for all types of welding materials and processes.

- 1200 cfm, high volume fume extraction and filtration capability
- Designed for shop floor use with the mobility to move from workstation to workstation
- 10 foot extraction arm with articulated joints designed to hold position for hands-free use while providing full reach 360° rotation capability
- Wide mouth source capture hood with adjustable airflow damper
- Units accommodates 18 different filtering combinations for maximum flexibility in all types of applications (filters sold separately)
- Heavy duty, all steel cabinet provides years of reliable use
- Built in spark trap for fire safety
- Durable casters, two that swivel and lock for stability
- Magnehelic gauge alerts operator to filter condition
- Two operator model available (see **73-601DA** pictured below)
- Optional Weldsense™ arc sensing device facilitates ease of use, saves energy, and lengthens filter life (Model No. 99-800)
- Two year limited warranty
- 1 HP, 120 VAC, 60 HZ, Single Phase
- Dimensions: 52"L x 29"H x 26"W
- Weight: 315 lbs.



Featuring 18 filtering combinations, including HEPA for Hexavalent Chromium control



73-601DA: Dual arm model

Not recommended for arc gouging or plasma cutting operations

73-851

High efficiency mobile fume extractor with an automatic cleanable filter system. Designed for high volume production welding, this extractor requires minimal maintenance and filter changes

- 950 cfm, high volume fume extraction and filtration capacity
- Designed for shop floor use with the mobility to move from workstation to workstation
- 10 foot extraction arm with articulated joints designed to hold position for hands-free use
- Includes high-capacity canister filter, 99.95% efficiency (MERV 16), with onboard cleanable feature using standard shop air.
- Wide mouth source capture hood
- Heavy duty steel construction
- Built in spark trap for fire safety
- Magnehelic gauge alerts operator to filter condition
- Durable casters, two that swivel and lock for stability
- Filter status gauge
- Optional WeldSense arc sensor available (Model No. 99-800)
- Two year limited warranty
- 1 HP, 120 VAC, 60 HZ, Single Phase
- Dimensions: 33"L x 59"H x 26"W
- Weight: 360 lbs.

Featuring 99.5% efficiency (MERV 16) onboard cleanable filter for all welding applications

Not recommended for arc gouging or plasma cutting operations

73-923/73-951

Downdraft Table
For Production Welding, Soldering, Grinding, Sanding, and Cutting

- 950-1200 cfm high volume fume, particulate, and grit extraction capability
- Designed for shop floor use with the mobility to move from workstation to workstation
- Extra-large table surface (24"x36") is effective for large scale work projects and can accommodate more than one operator
- **73-923:** 1200 cfm, accommodates 18 different replaceable filtering combinations for maximum flexibility in all types of work applications
- **73-951:** 950 cfm, includes 99.5% efficiency (MERV 16) filter and automatic internal filter cleaning system
- Steel tabletop grates are operator adjusted for maximum airflow attenuation
- Built-in spark trap ensures fire safety from hot embers
- All-steel durable construction provides years of service in rugged conditions
- Heavy-duty casters for easy mobility; two that swivel and lock for stability
- Magnahelic gauge alerts operator to filter status
- Optional grinding walls available to contain and redirect grinding particulate (Model 65923)
- Two-year limited warranty
- 1HP, 120 VAC, 60HZ, Single Phase
- Dimensions: 52"L x 36"H x 26"W
- Weight: 360 lbs.

Compact and mobile, yet powerful and full featured. Equally effective for shops, schools, and art studios

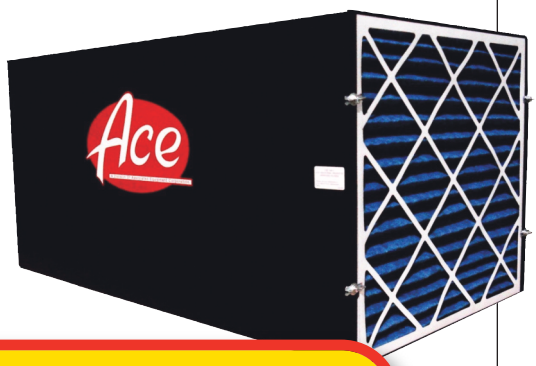
Pictured with grinding walls (Model No. 65923); not included

Not suitable for grinding aluminum, magnesium, and other metals that produce reactive dust

74-1800

Powerful and practical, our ambient air cleaner is used to clean and recirculate air in shops of all sizes. This product is effective for metalworking, woodworking, automotive body repair, art studios, and as a supplement to weld fume source capture systems.

- 3 Speed, 1800 cfm, high volume extraction capability via a powerful, maintenance-free, permanently lubricated motor/blower system.
- Wide inlet mouth, 23" x 23", continually grabs large quantities of dirty air and returns clean and refreshed air back into the work area.
- 18 filtering combinations to maximize filtration effectiveness for nearly any work environment.
- **74-1800A:** for metalworking use, with 95% efficiency (MERV 15) main filter
- **74-1800W:** for woodworking use, with 65% efficiency (MERV 12) main filter
- Heavy duty all steel construction for long life in rugged work conditions.
- 120 volt, single phase, ¾ hp.
- 45.25"L x 23.75"H x 23.75"W
- 180 pounds
- Two year limited warranty



Contact your Ace dealer for application and installation information

73-501/75 Series

Stationary Welding Fume Extractors

- High volume single station blower; multi-station blowers available
- Designed for shop environments that require weld fume filtration but have limited floor space
- Conveniently mounts on walls and columns
- Designed for single or dual arm operation
- Includes 95% main filter, spark arresting pre filter, and 25 feet of connecting hose
- Three arm styles and four arm lengths available (6.5 telescopic, 7, 10, and 14 foot)
- Two boom styles and five boom lengths available (7, 10, 13, 15, and 20 foot)
- All steel durable construction provides years of service in rugged conditions
- Two year limited warranty
- Dimensions (Filter Box): 26.5 L x 37.5 H x 22 W
- Weight (Filter Box): 103 lbs.

Contact your Ace dealer for application and installation information

80-201 Series

Compressed Air Vacuum Cleaner

A versatile and effective tool for cleanup of all dry materials, and safe to use in any environment.

The Ace 80-201 Series compressed air powered vacuum cleaner is a lightweight, easy-to-use vacuum cleaner that is designed for general shop cleaning of aluminum dust and other materials that should not be captured by conventional dust collectors. It develops its powerful suction power through use of the venturi principle, converting standard compressed air into a highly effective vacuum.

- Aluminum body makes it suitable to use where non-sparking tools must be utilized
- No electrical connections make it safe to use in wet and hazardous locations
- Operates on standard air lines with 60 to 150 lbs. psi, using approx. 12 CFM of air at 60 psi
- Nozzle design accommodates pick-up of large and odd-shape materials, such as screws, washers, nuts, metal shavings, and more
- Zippered bag facilitates quick and convenient disposal of collected material
- Variety of accessories available separately or as part of a complete kit (Model No. 80-201MDF)

Observe all regulations regarding the collection, storage and disposal of hazardous materials

Customize your bag with business, school, or organization logo. Contact Ace for details.

Model 80-201MDF

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Complete product information, specification sheets, and parts lists are available at: *www.aceindustrialproducts.com*

Because of ongoing product improvements, we reserve the right to change design, materials, and specifications without notice. Product shipped may be different from photos shown

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