

DUST COLLECTION · FUME EXTRACTION · AIR FILTRATION



CLEAN AIR SOLUTIONS
FOR MODERN MANUFACTURING

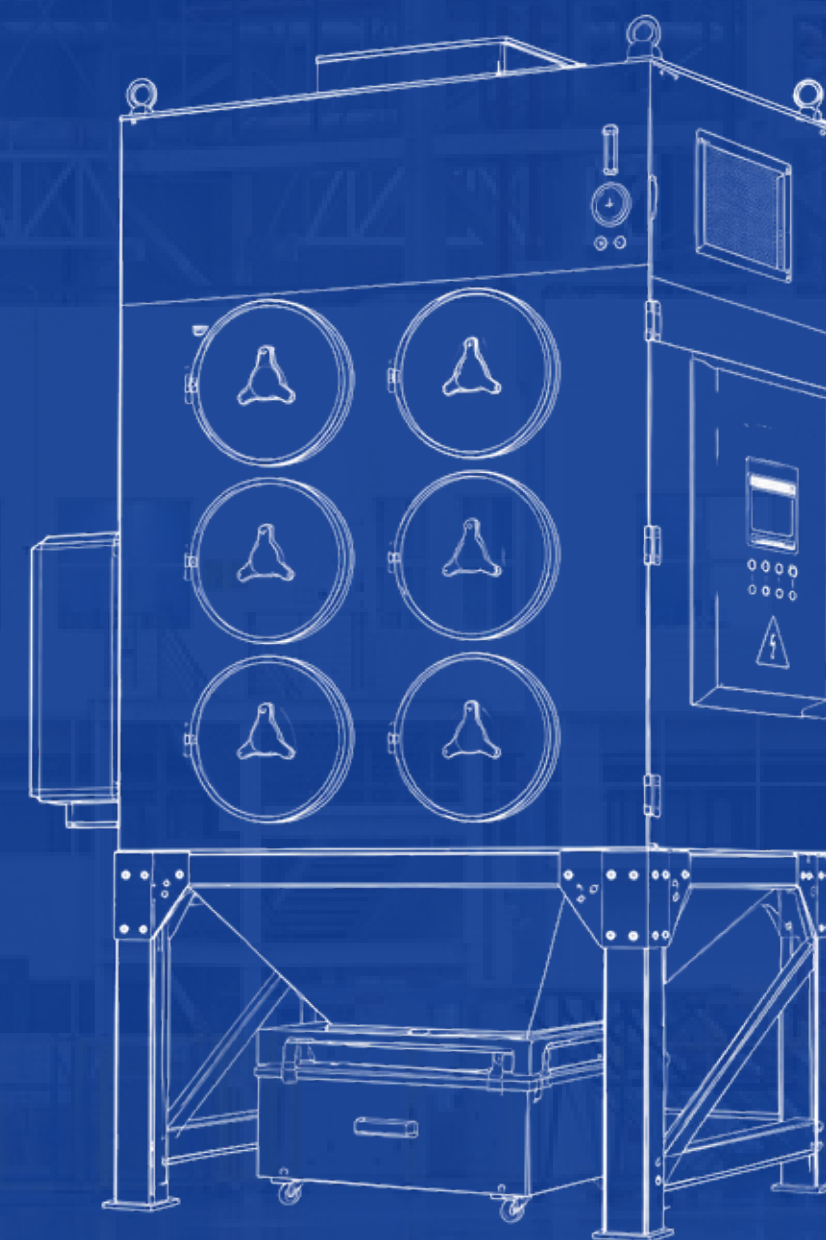
Azure Era delivers reliable dust collection,
fume extraction and air filtration solutions
for modern industrial manufacturing.

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SCAN TO VISIT OUR WEBSITE

INDUSTRIAL DUST COLLECTION & FUME EXTRACTION SOLUTIONS



CLEANER AIR. BETTER PRODUCTION.

ABOUT AZURE ERA

INDUSTRIAL DUST COLLECTION & AIR FILTRATION SOLUTIONS

Azure Era is a professional provider of industrial dust collection, fume extraction and air filtration solutions.

Based in Foshan, China, we focus on the development and supply of dust collectors, downdraft tables, welding fume extractors, wet dust collection equipment and centralized dust collection systems.

We work with manufacturers, distributors and engineering partners worldwide, delivering reliable equipment, practical solutions and responsive technical support.

OUR COMMITMENT

ENGINEERED FOR RELIABILITY BUILT FOR INDUSTRY

01

RELIABLE
EQUIPMENT

Stable performance
Quality components

02

FLEXIBLE
SOLUTIONS

Standard products
Customized systems

03

GLOBAL
SUPPORT

Export service
Technical guidance



PRODUCT PORTFOLIO

COMPLETE AIR FILTRATION SOLUTIONS FOR INDUSTRIAL APPLICATIONS

01

WELDING FUME EXTRACTORS

Mobile and centralized
welding fume solutions.



04

Wet Dust Collection Systems

Wet dust extraction for combustible
metal dust applications.



02

DOWNDRAFT TABLES

Dust capture for grinding,
sanding and polishing.



05

PAINTING & COATING SOLUTIONS

Spray booth and coating air
filtration solutions.



03

CARTRIDGE DUST COLLECTORS

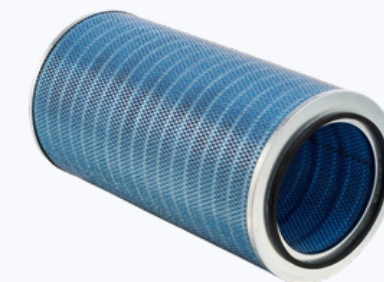
Efficient filtration for
industrial dust.



06

FILTER COMPONENTS & CUSTOM SYSTEMS

Filter cartridges, ductwork and
customized dust extraction solutions.





QUALITY ASSURANCE

RELIABLE EQUIPMENT
CONSISTENT PERFORMANCE



We focus on the details that determine long-term equipment performance.

From component selection and assembly to electrical installation and system testing, each machine is carefully checked.

Before shipment, final inspection and trial operation are completed to ensure reliable performance and safe delivery.



ENGINEERING SUPPORT

APPLICATION-BASED SOLUTIONS
PRACTICAL SOLUTIONS

APPLICATION ANALYSIS

Dust type, airflow and working conditions

EQUIPMENT SELECTION

Standard and customized solutions

REMOTE GUIDANCE

Installation and technical support

From application analysis to equipment selection, we provide practical support for every project.

GLOBAL SERVICE & SUPPORT

RESPONSIVE SERVICE THROUGHOUT EVERY PROJECT

We support customers throughout the project, from initial consultation and equipment selection to delivery, installation guidance and after-sales service. Our team provides practical technical support for manufacturers, distributors and engineering partners worldwide.

01 PRE-SALES SUPPORT

- Application analysis
- Equipment selection
- Customized proposals

02 PROJECT DELIVERY SUPPORT

- Order confirmation
- Production updates
- Shipping coordination

03 AFTER-SALES SUPPORT

- Remote installation support
- Technical troubleshooting
- Spare parts and filter support

OUR COMMITMENT

WE DELIVER MORE THAN EQUIPMENT.
WE DELIVER RELIABILITY AND SUPPORT.



01

TECHNICAL CONSULTATION



02

PROJECT DELIVERY



03

REMOTE TECHNICAL SUPPORT

APPLICATION
INDUSTRIES

DUST CONTROL SOLUTIONS FOR MODERN MANUFACTURING

Azure Era provides dust collection, fume extraction and air filtration solutions for a wide range of industrial manufacturing applications.

Our equipment is selected according to the dust type, production process, working conditions and safety requirements of each application.

01 METAL FABRICATION

Grinding • Polishing • Cutting
Metal dust collection

02 WELDING & LASER PROCESSING

Welding fumes • Laser cutting fumes
Source capture solutions

03 WOODWORKING & COMPOSITES

Wood dust • Sanding dust
Carbon fiber and composite dust

04 COMBUSTIBLE & HAZARDOUS DUST

Aluminum • Magnesium
Specialized dust control solutions

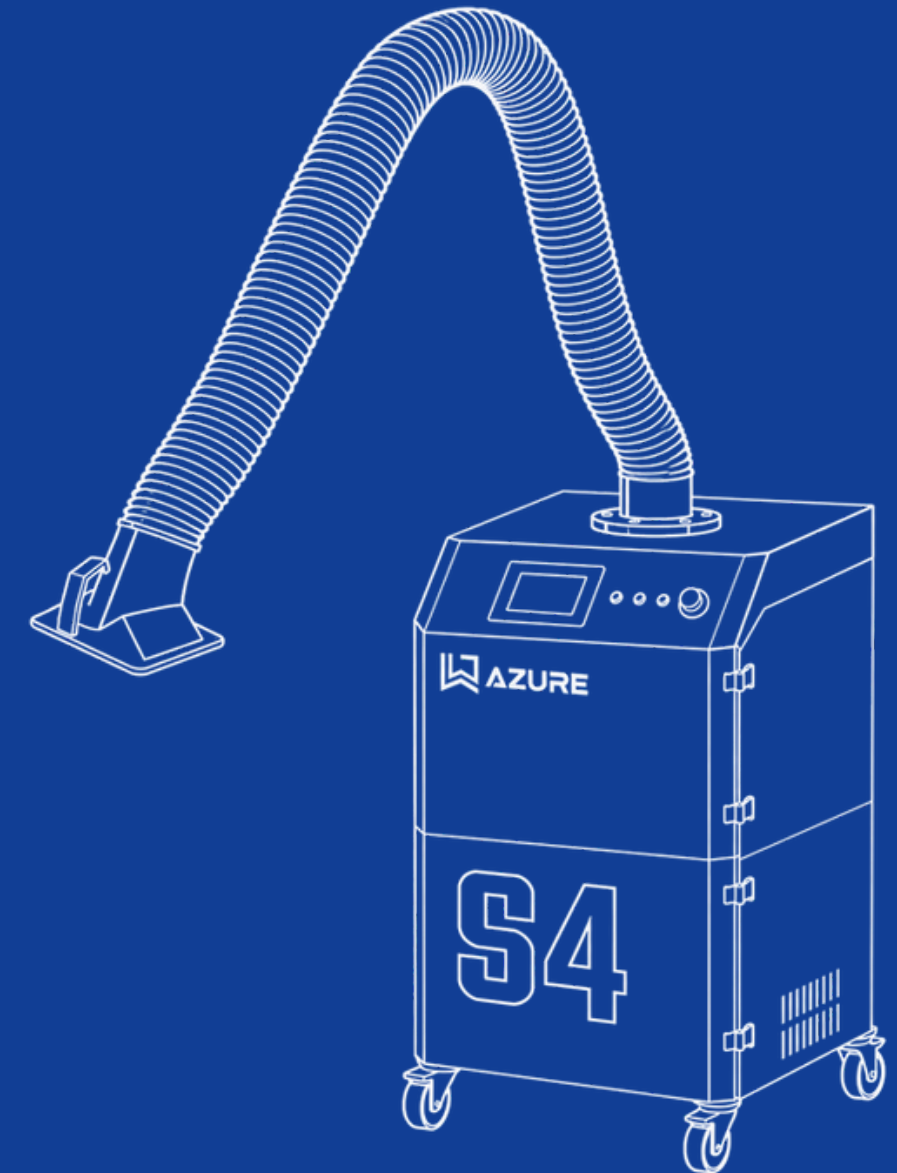
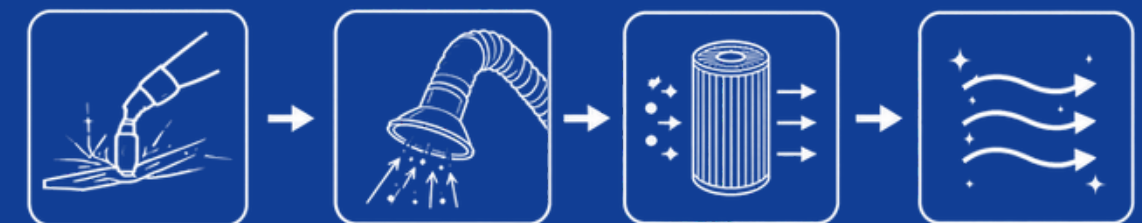


01

WELDING FUME EXTRACTION

HIGH-EFFICIENCY FUME
EXTRACTION FOR INDUSTRIAL WELDING

WELDING • LASER CUTTING • METAL FABRICATION



WELDING FUME EXTRACTION

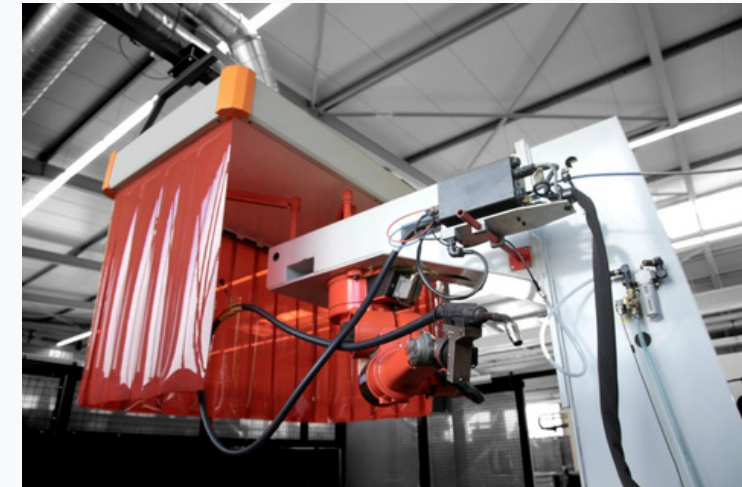
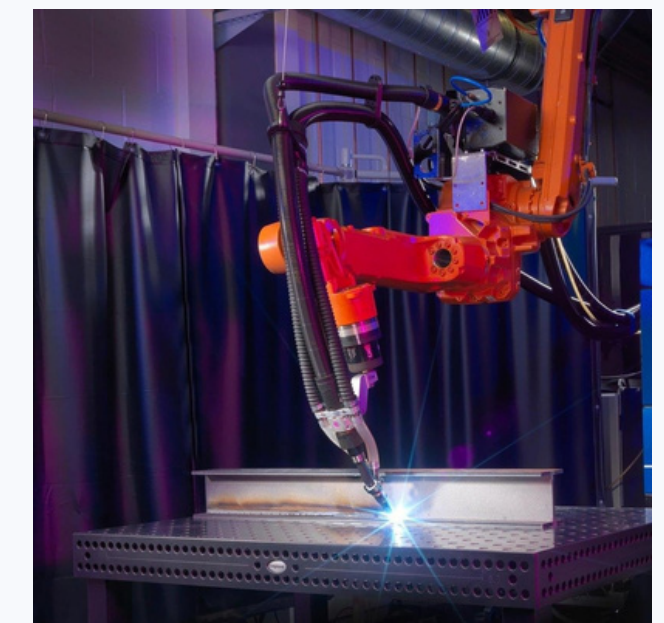
APPLICATIONS

Designed For Professional Welding Environments



ROBOTIC WELDING FUME EXTRACTION SOLUTIONS

Source Capture For Cleaner
Robotic Welding Environments



S1-X12

Compact Mobile Welding Fume Extractor

Compact fume extraction solution for light-duty and intermittent welding.



01 Flexible Extraction Arm

2 / 3 m adjustable arm for localized fume capture

02 Multi-Stage Filtration

Spark screen + pre-filter + high-efficiency main filter

03 Compact Mobile Design

Easy mobility between welding stations

S1-X12

Technical Specification

Compact filtration solution for light-duty and intermittent welding applications.

GENERAL INFORMATION

MODEL

S1-X12

DIMENSION

500 × 500 × 850 mm

ARM LENGTH

2 or 3 m / Ø160 mm

WEIGHT

75 kg

PERFORMANCE

AIRFLOW

1000m³/h

MOTOR POWER

0.75 kW

WORKING PRESSURE

1000 Pa

PRE-FILTER

G4 Pre-Filter

MAIN FILTER

F9 or E12 Optional

ACTIVATED CARBON

3.3 kg

SYSTEM & REQUIREMENT

POWER SUPPLY

Custom Voltage

FILTER CONFIGURATION

G4+F9+Activated Carbon

EXTRACTION METHOD

Local Source Capture

RECOMMENDED APPLICATION

Light-Duty & Intermittent Welding

S2-X12

High-Efficiency Mobile Welding Fume Extractor

High-efficiency fume extraction solution for regular and continuous welding.



01 Flexible Extraction Arm

2 / 3 m adjustable arm for localized fume capture

02 High-Efficiency Filtration

G4 pre-filter + F9 / H13 main filter options

03 Designed for Continuous Welding

Higher airflow for regular and continuous welding applications

S2-X12

Technical Specification

High-efficiency fume extraction solution for regular and continuous welding.

GENERAL INFORMATION

MODEL
S2-X12

DIMENSION
800 × 700 × 1150 mm

EXTRACTION ARM
2 or 3 m / Ø160 mm

WEIGHT
110 kg

PERFORMANCE

AIRFLOW
1400 m³/h

MOTOR POWER
1.5 kW

WORKING PRESSURE
1500 Pa

PRE-FILTER
G4 Pre-Filter

MAIN FILTER
F9 or H13 Optional

FILTER AREA
25 m²

SYSTEM & REQUIREMENT

POWER SUPPLY
Custom Voltage

FILTER CONFIGURATION
G4 + F9 / H13

EXTRACTION METHOD
Local Source Capture

RECOMMENDED APPLICATION
Regular & Continuous Welding

S2-X22

High-Efficiency Dual-Arm Welding Fume Extractor

High-efficiency fume extraction solution for two welding stations operating simultaneously.



01 Dual Flexible Extraction Arms

Two 2 / 3 m adjustable arms for simultaneous source capture

02 High-Efficiency Filtration

G4 pre-filter + F9 / H13 main filter options

03 Designed for Dual-Station Welding

2200 m³/h total airflow for simultaneous welding operations

S2-X22

Technical Specification

High-efficiency fume extraction solution for regular and continuous welding.

GENERAL INFORMATION

MODEL
S2-X22

DIMENSION
800 × 700 × 1150 mm

EXTRACTION ARM
2 × 2 or 3 m / Ø160 mm

WEIGHT
130 kg

PERFORMANCE

AIRFLOW
2200 m³/h

MOTOR POWER
2.2 kW

WORKING PRESSURE
1700 Pa

PRE-FILTER
G4 Pre-Filter

MAIN FILTER
F9 or H13 Optional

FILTER AREA
35 / 40 m²

SYSTEM & REQUIREMENT

POWER SUPPLY
Custom Voltage

FILTER CONFIGURATION
G4 + F9 / H13

EXTRACTION METHOD
Dual Source Capture

RECOMMENDED APPLICATION
Dual-Station Welding

S3-X12

Single-Arm Activated Carbon Welding Fume Extractor

Multi-stage fume filtration with activated carbon for welding applications with odors.



01 Flexible Extraction Arm

2 / 3 m adjustable arm for localized fume capture

02 Multi-Stage Filtration

G4 pre-filter + F9 / H13 main filter

03 Activated Carbon Filtration

12 kg activated carbon for odor control

S3-X12

Technical Specification

Activated carbon filtration solution for welding fumes with odors and gaseous contaminants.

GENERAL INFORMATION

MODEL
S3-X12

DIMENSION
800 × 700 × 1350 mm

EXTRACTION ARM
2 or 3 m / Ø160 mm

WEIGHT
140 kg

PERFORMANCE

AIRFLOW
1400 m³/h

MOTOR POWER
1.5 kW

WORKING PRESSURE
1800 Pa

PRE-FILTER
G4 Pre-Filter

MAIN FILTER
F9 or H13 Optional

ACTIVATED CARBON
12 kg

SYSTEM & REQUIREMENT

POWER SUPPLY
Custom Voltage

FILTER CONFIGURATION
G4 + F9 / H13 + Carbon

EXTRACTION METHOD
Local Source Capture

RECOMMENDED APPLICATION
Welding with Odors

S3-X22

Dual-Arm Activated Carbon Welding Fume Extractor

Multi-stage fume filtration with activated carbon for dual-station welding applications with odors.



01 Dual Flexible Extraction Arms

Two adjustable arms for simultaneous source capture

02 Multi-Stage Filtration

G4 pre-filter + F9 / H13 main filter

03 Activated Carbon Filtration

Activated carbon stage for welding fume and odor control

S3-X22

Technical Specification

Dual-arm filtration solution with activated carbon for welding fumes and odors.

GENERAL INFORMATION

MODEL
S3 - X22

DIMENSION
800 × 700 × 1350 mm

EXTRACTION ARM
2 × 2 or 3 m / Ø160 mm

WEIGHT
160 kg

PERFORMANCE

AIRFLOW
2200 m³/h

MOTOR POWER
3 kW

WORKING PRESSURE
2000 Pa

PRE-FILTER
G4 Pre-Filter

MAIN FILTER
F9 or H13 Optional

ACTIVATED CARBON
12 kg

SYSTEM & REQUIREMENT

POWER SUPPLY
Custom Voltage

FILTER CONFIGURATION
G4 + F9 / H13 + Carbon

EXTRACTION METHOD
Dual Source Capture

RECOMMENDED APPLICATION
Dual-Station Welding with Odors

S4-X12

Cartridge Welding Fume Extractor

High-efficiency cartridge filtration for intermittent and medium-duty welding applications.



01 Flexible Extraction Arm

2 m / 3 m adjustable arm for localized fume capture

02 PTFE Cartridge Filtration

Flame-retardant PTFE membrane cartridge for fine fume filtration

03 Automatic Pulse Cleaning

Automatic filter cleaning for longer cartridge service life

AZURE / PRODUCT SERIES



S4-X12

Technical Specification

High-efficiency cartridge filtration solution for intermittent and medium-duty welding.

GENERAL INFORMATION

MODEL

S4 - X12

DIMENSION

800 × 650 × 1350 mm

EXTRACTION ARM

2 or 3 m / Ø160 mm

WEIGHT

120 kg

PERFORMANCE

AIRFLOW

1100 m³/h

MOTOR POWER

1.5 kW

WORKING PRESSURE

1600 Pa

PRE-FILTER

G4 Pre-Filter

MAIN FILTER

PTFE Cartridge

FILTER AREA

15 m²

SYSTEM & REQUIREMENT

POWER SUPPLY

Custom Voltage

FILTER CONFIGURATION

G4 + PTFE Cartridge

CLEANING SYSTEM

Automatic Pulse Cleaning

RECOMMENDED APPLICATION

Intermittent & Medium-Duty
Welding

S4-X22

Dual-Arm Cartridge Welding Fume Extractor

High-efficiency cartridge filtration for simultaneous dual-station welding.



01 Dual Flexible Extraction Arms

Two 2 or 3 m adjustable arms for simultaneous source capture

02 PTFE Cartridge Filtration

Flame-retardant PTFE membrane cartridges for fine fume filtration

03 Automatic Pulse Cleaning

Automatic filter cleaning for longer cartridge service life

S4-X22

Technical Specification

High-efficiency cartridge filtration for simultaneous dual-station welding.

GENERAL INFORMATION

MODEL

S4 - X22

DIMENSION

800 × 800 × 1350 mm

EXTRACTION ARM

2 × 2 or 3 m / Ø160 mm

WEIGHT

170 kg

PERFORMANCE

AIRFLOW

2200 m³/h

MOTOR POWER

2.2 kW

WORKING PRESSURE

1800 Pa

PRE-FILTER

G4 Pre-Filter

MAIN FILTER

PTFE Cartridge

FILTER AREA

30 m²

SYSTEM & REQUIREMENT

POWER SUPPLY

Custom Voltage

FILTER CONFIGURATION

G4 + PTFE Cartridge

CLEANING SYSTEM

Automatic Pulse Cleaning

RECOMMENDED APPLICATION

Dual-Station Welding

AE-WFP-111

Single Arm Welding Fume Extractor

Compact and flexible solution for clean welding environments.



APPLICATION



KEY FEATURES

- 01 Flexible Extraction Arm
3m adjustable arm for precise source capture
- 02 Flame Retardant Filtration
High efficiency welding fume filtration
- 03 Automatic Pulse Cleaning
Longer filter life with reduced maintenance

AE-WFP-111

Technical Specification

High efficiency welding fume extraction solution for individual welding stations.

GENERAL INFORMATION

MODEL
AE-WFP-111

DIMENSION
800 × 700 × 1350 mm

ARM LENGTH
3m

WEIGHT
130 kg

PERFORMANCE

AIRFLOW
2200m³/h

MOTOR POWER
1.5 kW

FILTER CARTRIDGES
1 PCS

FILTER MATERIAL
Flame Retardant Polyester

FILTRATION ACCURACY
≤5 μm

CLEANING SYSTEM
Automatic Pulse Cleaning

SYSTEM & REQUIREMENT

POWER SUPPLY
380V / 50Hz

COMPRESSED AIR REQUIREMENT
0.5 – 0.7 MPa

NOISE LEVEL
≤75 dB

AE-WFP-112

Dual Arm Welding Fume Extractor

High-performance solution for heavy-duty welding applications.



APPLICATION

KEY FEATURES

- 01 Dual Flexible Extraction Arms
3m adjustable arms for precise source capture.
- 02 Flame Retardant Filtration
High efficiency filtration for welding fumes.
- 03 Automatic Pulse Cleaning
Longer filter life with less maintenance.



AE-WFP-112

Technical Specification

High efficiency dual-arm extraction solution for medium and heavy welding applications.

GENERAL INFORMATION

MODEL
AE-WFP-112

DIMENSION
990 × 1100 × 1550 mm

ARM LENGTH
3m

WEIGHT
175 kg

PERFORMANCE

AIRFLOW
2800m³/h

MOTOR POWER
2.2 kW

FILTER CARTRIDGES
2 PCS

FILTER MATERIAL
Flame Retardant Polyester

FILTRATION ACCURACY
≤5 μm

CLEANING SYSTEM
Automatic Pulse Cleaning

SYSTEM & REQUIREMENT

POWER SUPPLY
380V / 50Hz

COMPRESSED AIR REQUIREMENT
0.5 – 0.7 MPa

NOISE LEVEL
≤75 dB

AE-WFE-W11

Single Arm Wall-Mounted Fume Extractor

Space-saving welding fume extraction solution for fixed welding stations.



APPLICATION



KEY FEATURES

- 01 Space-saving Wall Installation
Optimized layout for fixed welding stations.
- 02 Flexible Extraction Arm
Precise fume capture at welding points.
- 03 Flame Retardant Filtration
Safe and efficient welding fume filtration.



AE-WFE-W11

Technical Specification

Efficient wall-mounted extraction solution designed for fixed welding stations.

GENERAL INFORMATION

MODEL

AE-WFE-W11

DIMENSION

700 × 650 × 1150 mm

ARM LENGTH

3m

WEIGHT

105 kg

PERFORMANCE

AIRFLOW

2000m³/h

MOTOR POWER

1.5 kW

FILTER CARTRIDGES

1 PCS

FILTER MATERIAL

Flame Retardant Polyester

FILTRATION ACCURACY

≥99.9% @ 0.3 μm

CLEANING SYSTEM

Automatic Pulse Cleaning

SYSTEM & REQUIREMENT

POWER SUPPLY

380V / 50Hz / 3PH

COMPRESSED AIR REQUIREMENT

0.5 – 0.7 MPa

NOISE LEVEL

≤75 dB

AE-WFE-W22

Dual Arm Wall-Mounted Welding Fume Extractor

Dual arm solution for efficient fume capture in continuous welding operations.



APPLICATION



KEY FEATURES

01 Dual Extraction Arms

Dual arms provide wider welding coverage.

02 Flexible Extraction Arm

INDEPENDENT ARMS ENABLE PRECISE FUME CAPTURE.

03 Flame Retardant Filter

Safe filtration for continuous welding operations.



AZURE ERA / PRODUCT SERIES



AE-WFE-W22

Technical Specification

High efficiency dual-arm extraction solution for larger welding areas.

GENERAL INFORMATION

MODEL
AE-WFE-W22

DIMENSION
900 × 750 × 1300 mm

ARM LENGTH
3m × 2

WEIGHT
165 kg

PERFORMANCE

AIRFLOW
2500m³/h

MOTOR POWER
2.2 kW

FILTER CARTRIDGES
1 PCS

FILTER MATERIAL
Flame Retardant Polyester

FILTRATION ACCURACY
≥99.9% @ 0.3 μm

CLEANING SYSTEM
Automatic Pulse Cleaning

SYSTEM & REQUIREMENT

POWER SUPPLY
380V / 50Hz / 3PH

COMPRESSED AIR REQUIREMENT
0.5 – 0.7 MPa

NOISE LEVEL
≤75 dB

AE-BX-1

Portable Welding Fume Extraction Workstation

Integrated downdraft extraction and filtration solution for clean and efficient welding operations.



APPLICATION



KEY FEATURES

- 01 Source Capture Design
Direct extraction captures welding fumes at the working surface.
- 02 PTFE High Efficiency Filtration
High-performance cartridge filter with $\geq 99.9\%$ filtration efficiency.
- 03 Spark & Slag Protection
Multi-layer protection design ensures safe welding operation.



AZURE ERA / PRODUCT SERIES

AE-BX-1

Technical Specification

Compact welding fume extraction system with integrated cartridge filtration.

GENERAL INFORMATION

MODEL AE-BX-1	DIMENSION 1150 × 750 × 1500 mm
TABLE SIZE 1100 × 700 mm	WEIGHT 120 kg

PERFORMANCE

AIRFLOW 850m ³ /h	MOTOR POWER 1.1 kW
FILTER CARTRIDGES 1 PCS	FILTER AREA 23 m ²
FILTRATION ACCURACY $\geq 99.9\%$ @ 0.3 μ m	CLEANING SYSTEM Automatic Pulse Cleaning

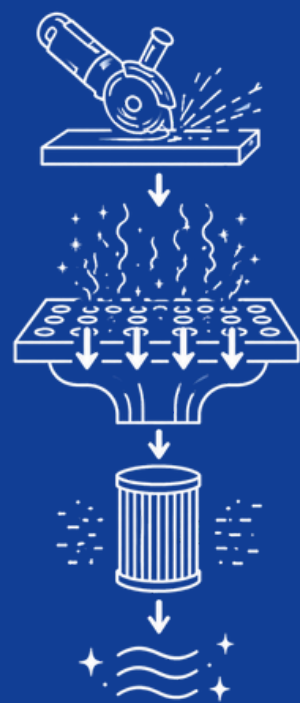
SYSTEM & REQUIREMENT

POWER SUPPLY 380V / 50Hz / 3PH	COMPRESSED AIR REQUIREMENT 0.5 – 0.7 MPa
NOISE LEVEL ≤ 75 dB	

G-DRY 15

Dry Downdraft Extraction Workstation

Heavy-duty downdraft workstation designed for grinding, cutting and welding applications with efficient source capture.



APPLICATION



KEY FEATURES

- 01 Powerful Downdraft Extraction
Direct dust and fume capture at the working surface.
- 02 Multi-Application Capability
For grinding, cutting, welding and finishing.
- 03 Spark Protection Design
Designed for safer processing of metal dust and welding applications.

G-DRY 15

Technical Specification

Professional downdraft workstation for industrial dust and fume extraction.

GENERAL INFORMATION

MODEL
G-DRY 15

DIMENSION
1500 × 1200 × 1600 mm

TABLE SIZE
1500 × 1000 mm

WORKING HEIGHT
850 mm

PERFORMANCE

AIRFLOW
3900-4600 m³/h

MOTOR POWER
3 kW

FILTER CARTRIDGES
2 PCS

FILTER MATERIAL
PTFE Coated Polyester

FILTRATION ACCURACY
≥99.9%

CLEANING SYSTEM
Automatic Pulse Cleaning

SYSTEM & REQUIREMENT

POWER SUPPLY
380V / 50Hz / 3PH

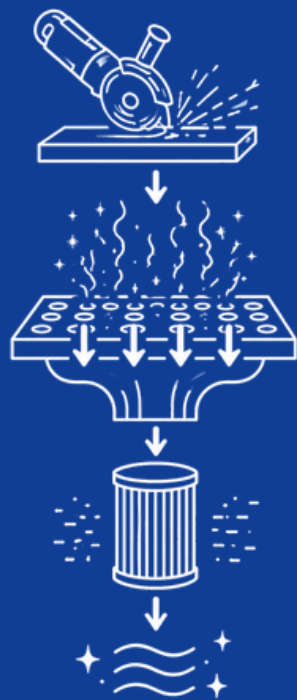
COMPRESSED AIR REQUIREMENT
0.5 – 0.7 MPa

NOISE LEVEL
≤75 dB

G-DT 15

Central Dust Extraction Workstation

Designed for centralized dust extraction systems, enabling multiple workstations to share one high-performance filtration unit.



APPLICATION



KEY FEATURES

- 01 Central Extraction Integration
Connects directly to centralized dust collection systems.
- 02 Efficient Downdraft Capture
Captures dust and sparks directly from the working surface.
- 03 Heavy-Duty Working Structure
Robust steel construction for industrial applications.

G-DT 15

Technical Specification

Professional downdraft workstation designed for central dust extraction systems.

GENERAL INFORMATION

MODEL
G-DT 15

APPLICATION
Grinding / Cutting

TABLE SIZE
1500 × 1000 mm

WORKING HEIGHT
850 mm



From single workstations to multi-point extraction networks, Azure provides flexible dust collection solutions for various industrial applications.

Welding Fume Extraction Solutions

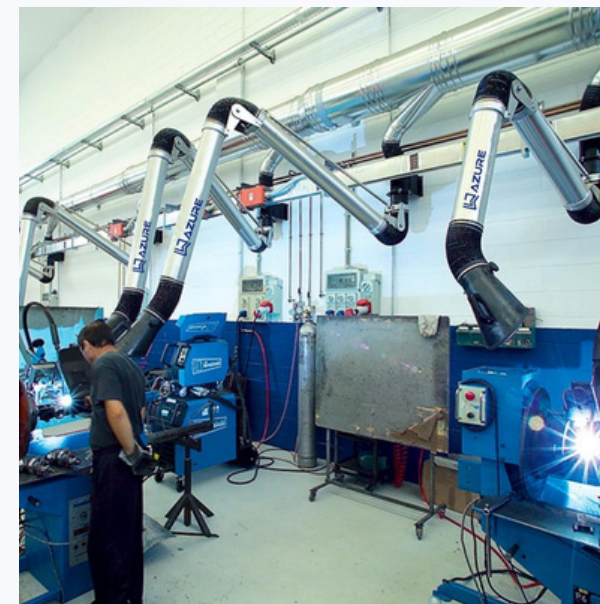
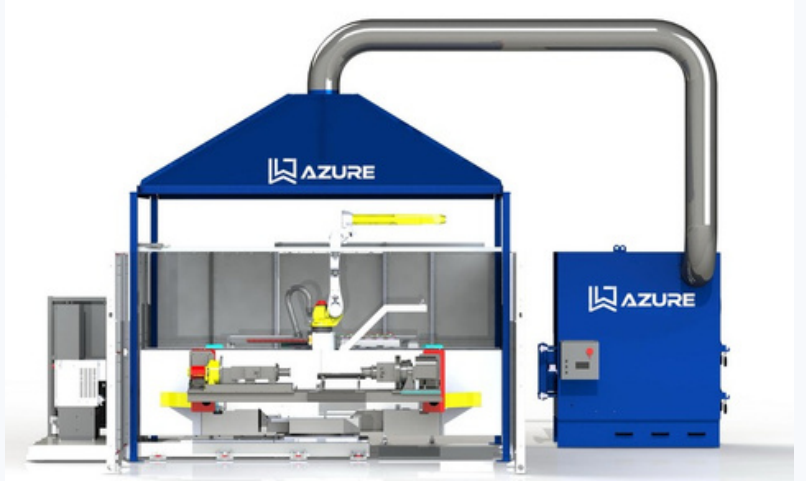
From individual workstations to automated production lines.



CENTRAL EXTRACTION SYSTEM



Manual Welding



Robotic Welding



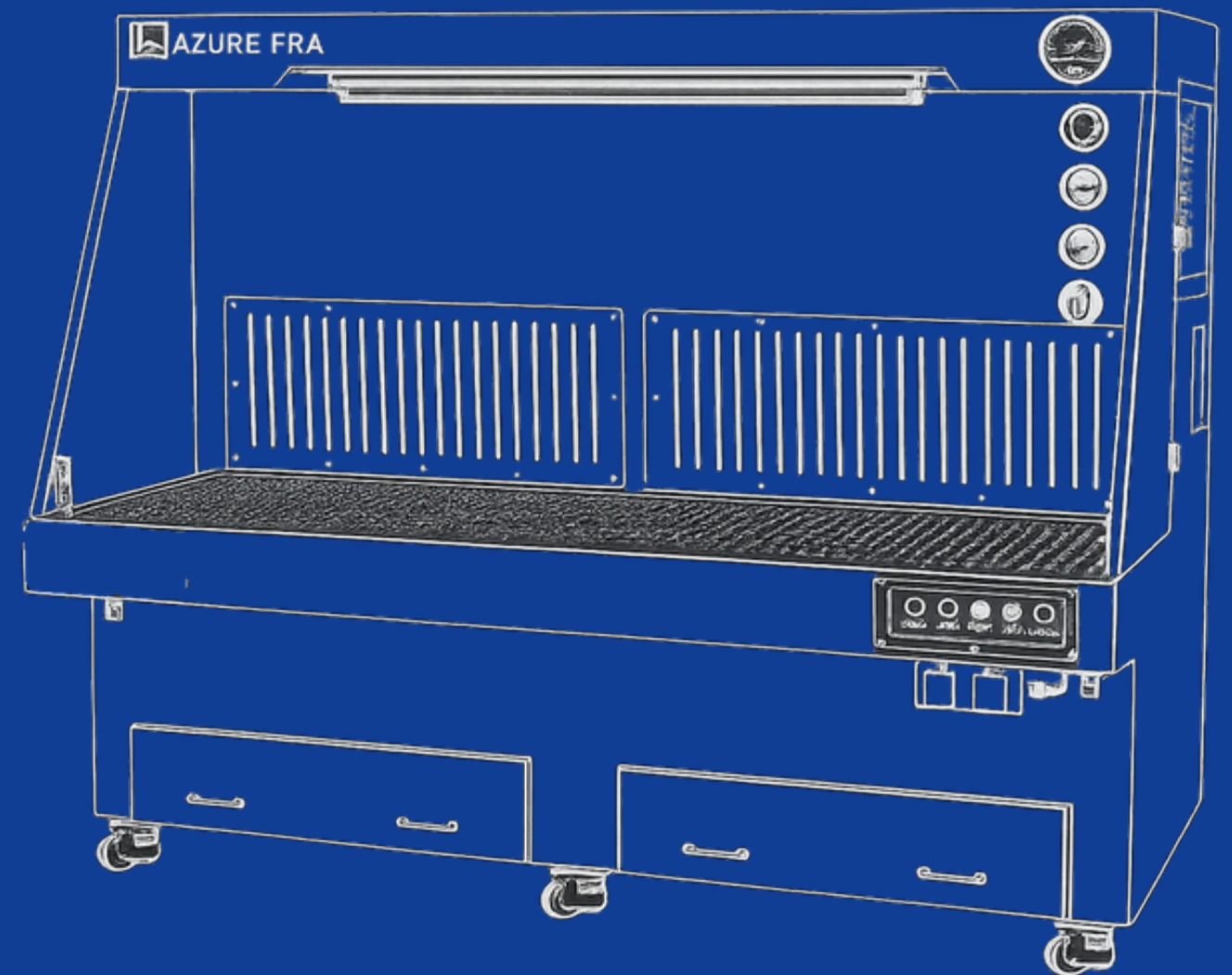
Modular extraction systems designed for expandable production environments.

02

DOWNDRAFT WORKSTATIONS

DUST CAPTURE DIRECTLY
AT THE WORKING SOURCE

GRINDING • POLISHING • SANDING • METALWORKING



DOWNDRAFT WORKSTATIONS

APPLICATIONS

Designed For Multiple Industrial Applications



WOODWORKING
Wood Dust Extraction



COMPOSITE MATERIAL
Carbon Fiber & Composite Processing



METAL FABRICATION
Grinding & Polishing



SURFACE FINISHING
Fine Particle Collection

PERFORMANCE

TECHNOLOGY

Engineered For Efficient Dust Control



01

PULSE JET CLEANING SYSTEM

Automatic compressed air cleaning maintains stable filtration performance



02

LOW NOISE FAN SYSTEM
Optimized Airflow & Low Noise



03

PTFE FILTER CARTRIDGE
High Efficiency & Easy Maintenance

G-12L

Industrial Downdraft Workstation

High-performance dust extraction solution
for metal grinding and polishing.



- ✓ High Efficiency PTFE Filtration
- ✓ Powerful Dust Extraction Performance
- ✓ Automatic Pulse Cleaning System



AZURE ERA / PRODUCT SERIES

G-12L

Technical Specification

High efficiency dust collection solution
for metal grinding and polishing applications.

GENERAL INFORMATION

MODEL
G-12L

DIMENSION
1200 × 1140 × 1700 mm

WORKING AREA
1200 × 700 mm

WEIGHT
180 kg

PERFORMANCE

AIRFLOW
3300 – 4000 m³/h

MOTOR POWER
2.2 kW

FILTER CARTRIDGES
2 PCS

FILTER MATERIAL
PTFE Membrane

FILTRATION ACCURACY
≤5 μm

CLEANING SYSTEM
Automatic Pulse Cleaning

SYSTEM & REQUIREMENT

POWER SUPPLY
380V / 50Hz

COMPRESSED AIR REQUIREMENT
0.5 – 0.7 MPa

NOISE LEVEL
≤75 dB

G-15L

Industrial Downdraft Workstation

High-performance dust extraction solution
for metal grinding and polishing.



- ✓ High Efficiency PTFE Filtration
- ✓ Powerful Dust Extraction Performance
- ✓ Automatic Pulse Cleaning System



G-15L

Technical Specification

High efficiency dust collection solution
for metal grinding and polishing applications.

GENERAL INFORMATION

MODEL
G-15L

DIMENSION
1500 × 1140 × 1700 mm

WORKING AREA
1500 × 700 mm

WEIGHT
250 kg

PERFORMANCE

AIRFLOW
3900 – 4600 m³/h

MOTOR POWER
3 kW

FILTER CARTRIDGES
2 PCS

FILTER MATERIAL
PTFE Membrane

FILTRATION ACCURACY
≤5 μm

CLEANING SYSTEM
Automatic Pulse Cleaning

SYSTEM & REQUIREMENT

POWER SUPPLY
380V / 50Hz

COMPRESSED AIR REQUIREMENT
0.5 – 0.7 MPa

NOISE LEVEL
≤75 dB

G-20L

Industrial Downdraft Workstation

High-performance dust extraction solution
for metal grinding and polishing.



- ✓ High Efficiency PTFE Filtration
- ✓ Powerful Dust Extraction Performance
- ✓ Automatic Pulse Cleaning System

G-20L

Technical Specification

High efficiency dust collection solution
for metal grinding and polishing applications.

GENERAL INFORMATION

MODEL
G-20L

DIMENSION
2000 × 1140 × 1700 mm

WORKING AREA
2000 × 700 mm

WEIGHT
300kg

PERFORMANCE

AIRFLOW
6600 – 8000 m³/h

MOTOR POWER
2 KW × 2

FILTER CARTRIDGES
4 PCS

FILTER MATERIAL
PTFE Membrane

FILTRATION ACCURACY
≤5 μm

CLEANING SYSTEM
Automatic Pulse Cleaning

SYSTEM & REQUIREMENT

POWER SUPPLY
380V / 50Hz

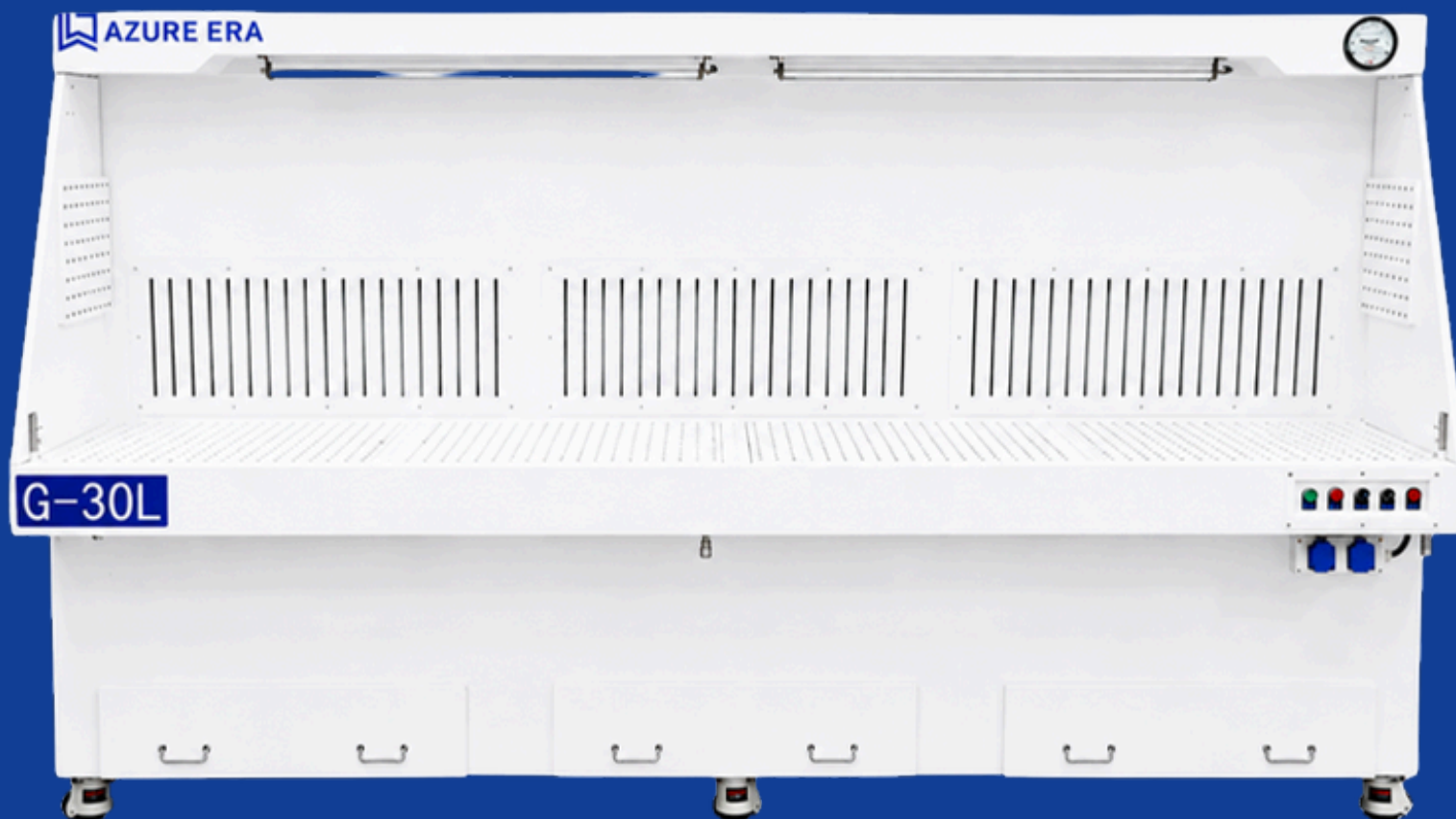
COMPRESSED AIR REQUIREMENT
0.5 – 0.7 MPa

NOISE LEVEL
≤75 dB

G-30L

Industrial Downdraft Workstation

Heavy-duty dust extraction solution for large-scale grinding and polishing applications.



- ✓ High Efficiency PTFE Filtration
- ✓ Powerful Dust Extraction Performance
- ✓ Automatic Pulse Cleaning System



G-30L

Technical Specification

High efficiency dust collection solution for metal grinding and polishing applications.

GENERAL INFORMATION

MODEL
G-30L

DIMENSION
3000 × 1140 × 1700 mm

WORKING AREA
3000 × 700 mm

WEIGHT
500kg

PERFORMANCE

AIRFLOW
7800 – 9200 m³/h

MOTOR POWER
3 KW × 2

FILTER CARTRIDGES
5 PCS

FILTER MATERIAL
PTFE Membrane

FILTRATION ACCURACY
≤5 μm

CLEANING SYSTEM
Automatic Pulse Cleaning

SYSTEM & REQUIREMENT

POWER SUPPLY
380V / 50Hz

COMPRESSED AIR REQUIREMENT
0.5 – 0.7 MPa

NOISE LEVEL
≤75 dB

G-15Q

Wall-Mounted Downdraft Workstation

High-performance dust extraction solution
for metal grinding and polishing.



AVAILABLE WIDTHS

1500mm | 2000mm | 3000mm
Customized dimensions available
for different grinding applications.

G-15Q

Technical Specification

High efficiency dust collection solution
for metal grinding and polishing applications.

GENERAL INFORMATION

MODEL
G-15Q

DIMENSION
1500 × 1140 × 1700 mm

WORKING AREA
1500 × 700 mm

WEIGHT
250 kg

PERFORMANCE

AIRFLOW
3900 – 4600 m³/h

MOTOR POWER
3 kW

FILTER CARTRIDGES
2 PCS

FILTER MATERIAL
PTFE Membrane

FILTRATION ACCURACY
≤5 μm

CLEANING SYSTEM
Automatic Pulse Cleaning

SYSTEM & REQUIREMENT

POWER SUPPLY
380V / 50Hz

COMPRESSED AIR REQUIREMENT
0.5 – 0.7 MPa

NOISE LEVEL
≤75 dB

G-15D

Heavy Duty Low-Level Downdraft Workstation

High-performance dust extraction solution for large workpieces and long-duration grinding applications.



ERGONOMIC LOW WORKING HEIGHT
Approx. 260 mm

AVAILABLE WIDTHS

1500mm | 2000mm | 3000mm

Low-level design for heavy workpieces

Customized dimensions available



AZURE ERA / PRODUCT SERIES

G-15D

Technical Specification

High efficiency dust collection solution
for metal grinding and polishing applications.

GENERAL INFORMATION

MODEL
G-15D

DIMENSION
1500 × 1140 × 1700 mm

WORKING AREA
1500 × 700 mm

WEIGHT
250 kg

PERFORMANCE

AIRFLOW
3900 – 4600 m³/h

MOTOR POWER
3 kW

FILTER CARTRIDGES
2 PCS

FILTER MATERIAL
PTFE Membrane

FILTRATION ACCURACY
≤5 μm

CLEANING SYSTEM
Automatic Pulse Cleaning

SYSTEM & REQUIREMENT

POWER SUPPLY
380V / 50Hz

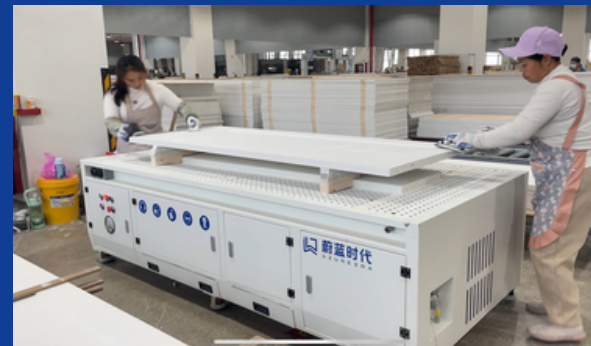
COMPRESSED AIR REQUIREMENT
0.5 – 0.7 MPa

NOISE LEVEL
≤75 dB

G-24W

Industrial Downdraft Grinding Workstation

Large-area dust extraction solution designed for oversized workpieces and multi-operator grinding applications.



LARGE WORKING SURFACE

2400 × 1140 mm spacious grinding area



MULTI-OPERATOR OPERATION

Designed for multiple operators working simultaneously



UNIFORM DOWNDRAFT EXTRACTION

Consistent dust capture across the whole workspace

G-24W

Technical Specification

High efficiency dust collection solution for metal grinding and polishing applications.

GENERAL INFORMATION

MODEL

G-24W

DIMENSION

2400 × 1140 × 900 mm

WORKING AREA

2400 × 1140 mm

WEIGHT

350 kg

PERFORMANCE

AIRFLOW

6600 – 8000 m³/h

MOTOR POWER

2.2 kW × 2

FILTER CARTRIDGES

3 PCS

FILTER MATERIAL

PTFE Membrane

FILTRATION ACCURACY

≤5 μm

CLEANING SYSTEM

Automatic Pulse Cleaning

SYSTEM & REQUIREMENT

POWER SUPPLY

380V / 50Hz

COMPRESSED AIR REQUIREMENT

0.5 – 0.7 MPa

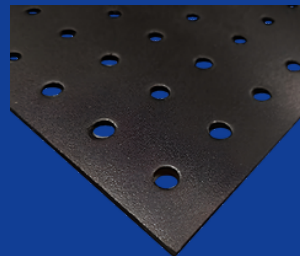
NOISE LEVEL

≤75 dB

G-30W

Heavy Duty Low-Level Downdraft Workstation

Extra-large downdraft workstation designed for heavy fabrication, oversized components and continuous industrial grinding operations.



DURABLE PLASTIC WORK SURFACE
Anti-slip Wear Resistant Uniform Suction



- **LARGE WORKING AREA**
3000 × 1200 mm oversized grinding surface
- **HEAVY FABRICATION APPLICATION**
Designed for large metal structures and components
- **FULL-LENGTH DUST EXTRACTION**
Uniform suction across the entire working area

G-30W

Technical Specification

High efficiency dust collection solution
for metal grinding and polishing applications.

GENERAL INFORMATION

MODEL
G-30W

DIMENSION
3000 × 1200 × 900 mm

WORKING AREA
3000 × 1200 mm

WEIGHT
550 kg

PERFORMANCE

AIRFLOW
7800 – 9200 m³/

MOTOR POWER
3 kW × 2

FILTER CARTRIDGES
4 PCS

FILTER MATERIAL
PTFE Membrane

FILTRATION ACCURACY
≤5 μm

CLEANING SYSTEM
Automatic Pulse Cleaning

SYSTEM & REQUIREMENT

POWER SUPPLY
380V / 50Hz

COMPRESSED AIR REQUIREMENT
0.5 – 0.7 MPa

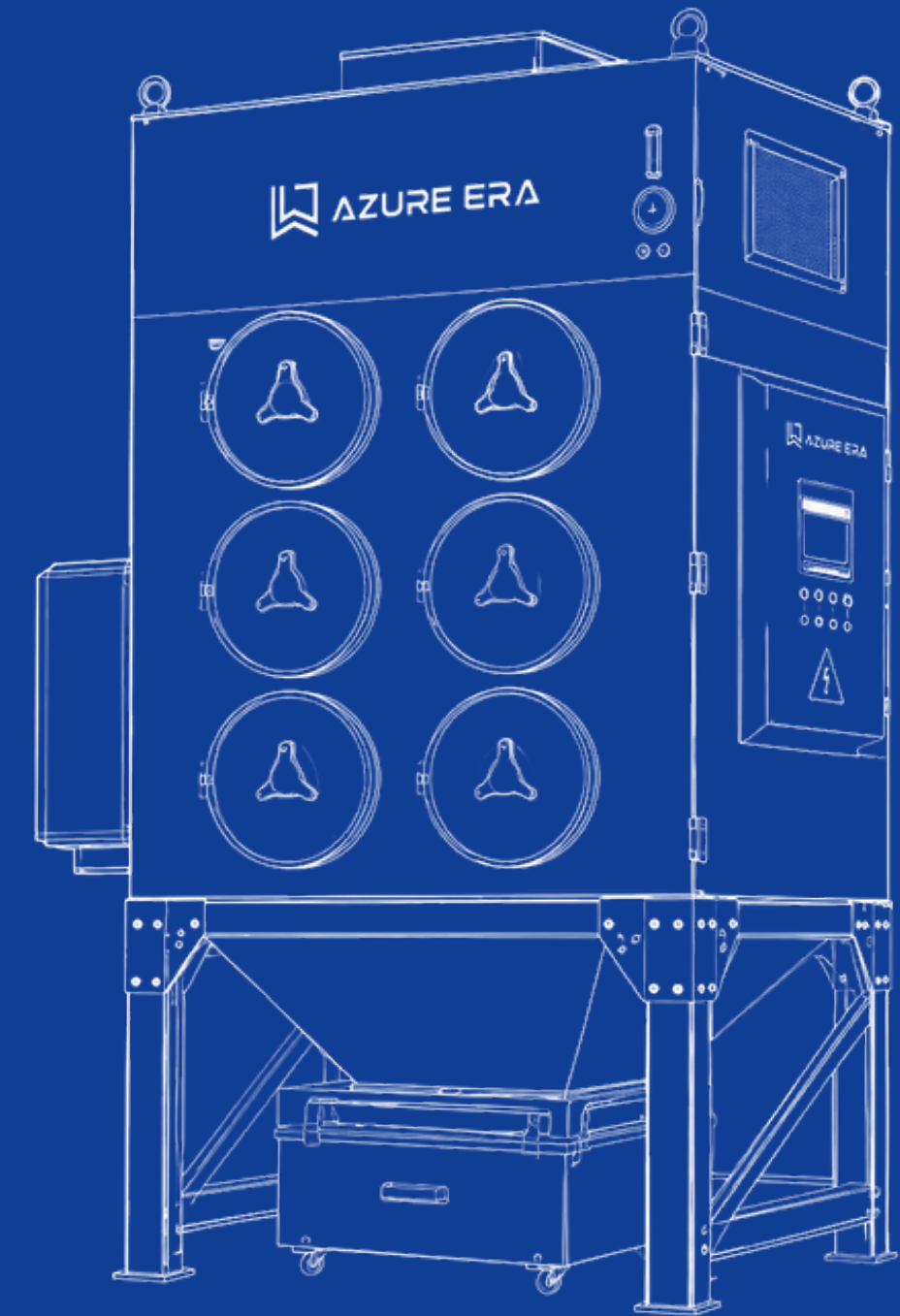
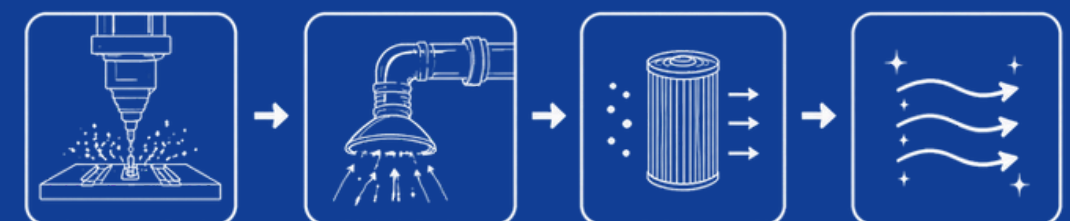
NOISE LEVEL
≤75 dB

03

CARTRIDGE FILTRATION SYSTEM

ADVANCED DUST FILTRATION
FOR CLEANER INDUSTRIAL AIR

LASER CUTTING · WOODWORKING · COMPOSITES



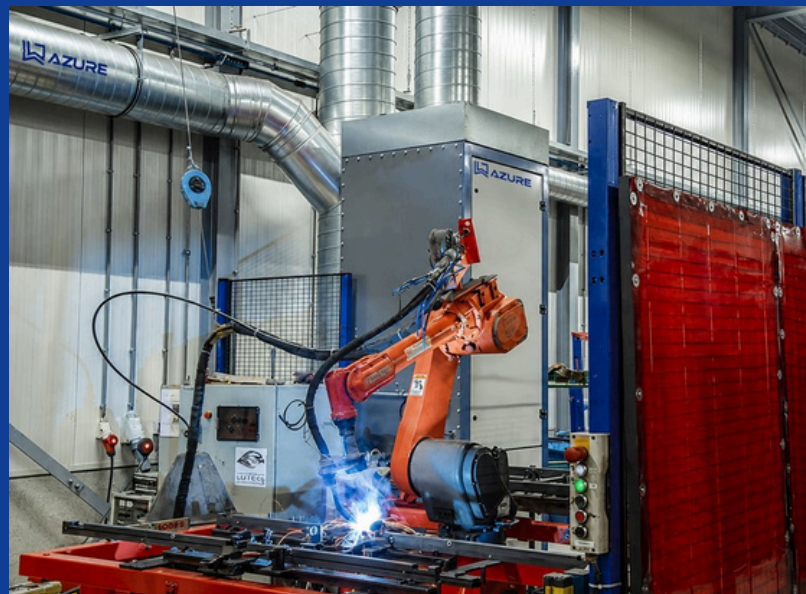
CARTRIDGE DUST COLLECTION

APPLICATIONS

Advanced filtration solutions for welding fumes, laser smoke, wood dust and industrial particles.



WELDING

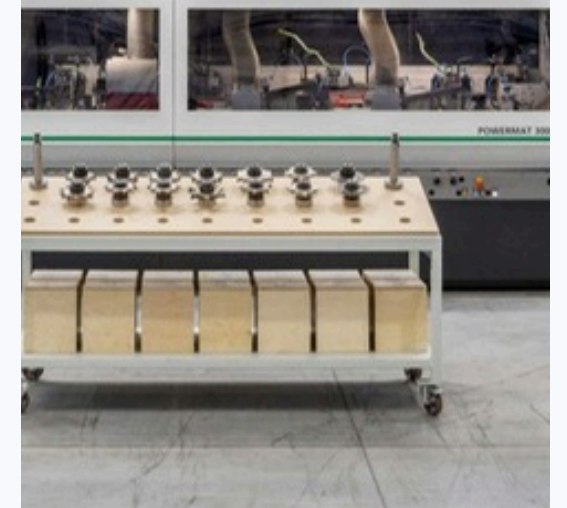


TYPICAL APPLICATIONS

Dust collection solutions for various industrial applications.



LASER CUTTING



WOODWORKING



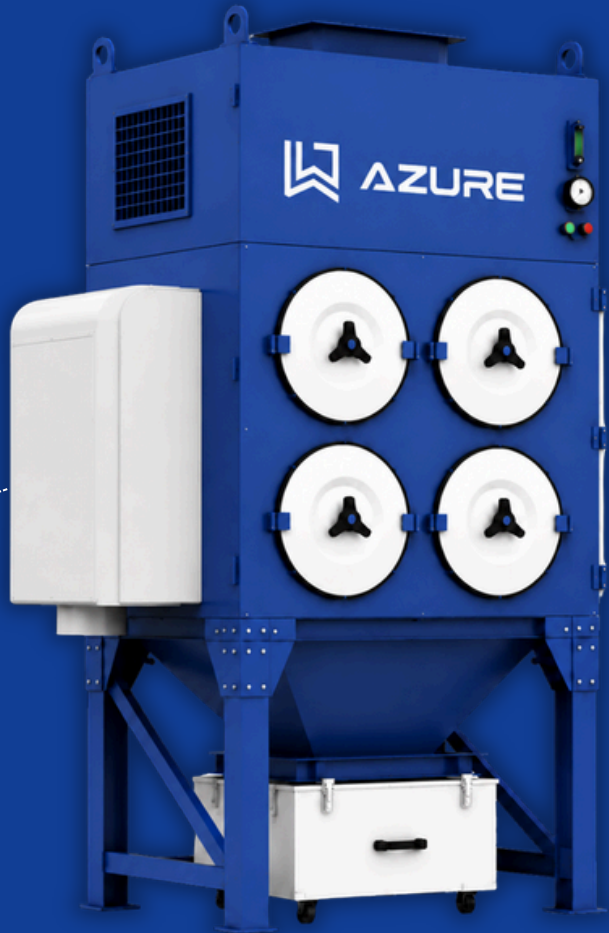
AE-LD-4

High Performance Cartridge Dust Collector

Industrial dust extraction solution with integrated spark protection.



SPARK ARRESTOR SYSTEM



APPLICATION

KEY FEATURES



- 01 Flame Retardant PTFE Filtration
High efficiency filtration with excellent flame resistance and long service life.
- 02 Automatic Pulse Cleaning
Maintains stable airflow and reduces filter maintenance.
- 03 Spark Protection System
Multi-stage protection for safer industrial operation

AE-LD-4

ENGINEERING PARAMETERS

Designed for efficient dust extraction with reliable industrial performance.

GENERAL INFORMATION

MODEL AE-LD-4	DIMENSION 1300 × 1340 × 2200 mm
PRODUCT TYPE Fixed Cartridge Dust Collector	WEIGHT 600 kg

PERFORMANCE

AIRFLOW 5500m³/h	MOTOR POWER 5.5 kW
FILTER CARTRIDGES 4 PCS	FILTER MATERIAL Flame Retardant PTFE
FILTRATION ACCURACY ≥99.9% @ 0.3 μm	CLEANING SYSTEM Automatic Pulse Cleaning

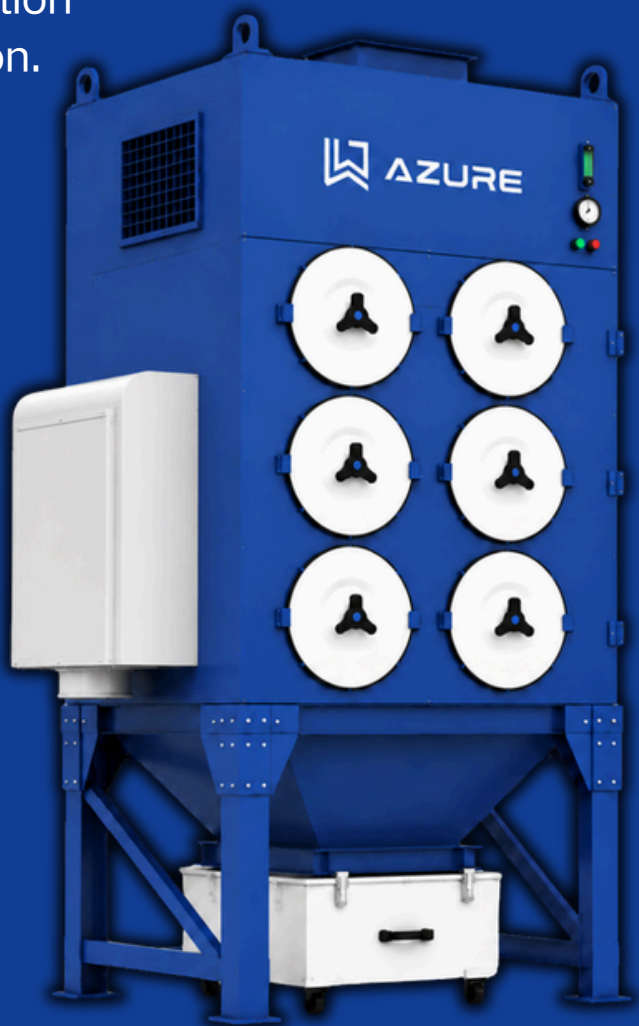
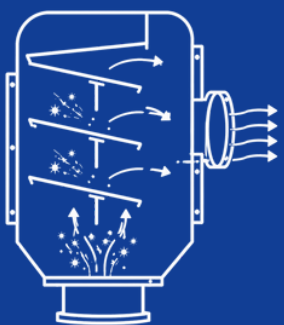
SYSTEM & REQUIREMENT

POWER SUPPLY 380V / 50Hz / 3PH	COMPRESSED AIR REQUIREMENT 0.5 – 0.7 MPa
NOISE LEVEL ≤75 dB	

AE-LD-6

6-Cartridge Industrial Dust Collector

High-performance dust extraction with integrated spark protection.



SPARK ARRESTOR SYSTEM

APPLICATION

KEY FEATURES



- 01 Six-Cartridge Filtration System
Higher filtration capacity for large-scale industrial applications.
- 02 Automatic Pulse Cleaning
Maintains stable airflow and extends filter service life.
- 03 Spark Protection System
Multi-stage protection reduces sparks entering the filtration chamber.

AE-LD-6

ENGINEERING PARAMETERS

Designed for efficient dust extraction with reliable industrial performance.

GENERAL INFORMATION

MODEL AE-LD-6	DIMENSION 1560 × 1430 × 2840 mm
PRODUCT TYPE Cartridge Fixed Dust Collector	WEIGHT 700 kg

PERFORMANCE

AIRFLOW 7500m ³ /h	MOTOR POWER 7.5 kW
FILTER CARTRIDGES 6 PCS	FILTER MATERIAL Flame Retardant PTFE
FILTRATION ACCURACY ≥99.9% @ 0.3 μm	CLEANING SYSTEM Automatic Pulse Cleaning

SYSTEM & REQUIREMENT

POWER SUPPLY 380V / 50Hz / 3PH	COMPRESSED AIR REQUIREMENT 0.5 – 0.7 MPa
NOISE LEVEL ≤75 dB	SPARK PROTECTION Integrated Spark Arrestor

AE-LD-4S

4-Cartridge Industrial Dust Collector

High-efficiency dust extraction solution for woodworking and industrial production.



APPLICATION



KEY FEATURES

- 01 High Efficiency Cartridge Filtration
Efficient filtration for fine dust particles and industrial applications.
- 02 Automatic Pulse Cleaning
Maintains stable airflow and extends filter service life.
- 03 Large Dust Collection Capacity
Designed for continuous operation in demanding industrial environments.

AE-LD-4S

ENGINEERING PARAMETERS

Designed for woodworking and general industrial dust extraction.

GENERAL INFORMATION

MODEL
AE-LD-4S

DIMENSION
1300 × 1340 × 2200 mm

PRODUCT TYPE
Cartridge Fixed Dust Collector

WEIGHT
600 kg

PERFORMANCE

AIRFLOW
5500m³/h

MOTOR POWER
5.5 kW

FILTER CARTRIDGES
4 PCS

FILTER MATERIAL
PTFE Membrane

FILTRATION ACCURACY
≥99.9% @ 0.3 μm

CLEANING SYSTEM
Automatic Pulse Cleaning

SYSTEM & REQUIREMENT

POWER SUPPLY
380V / 50Hz / 3PH

COMPRESSED AIR REQUIREMENT
0.5 – 0.7 MPa

NOISE LEVEL
≤75 dB

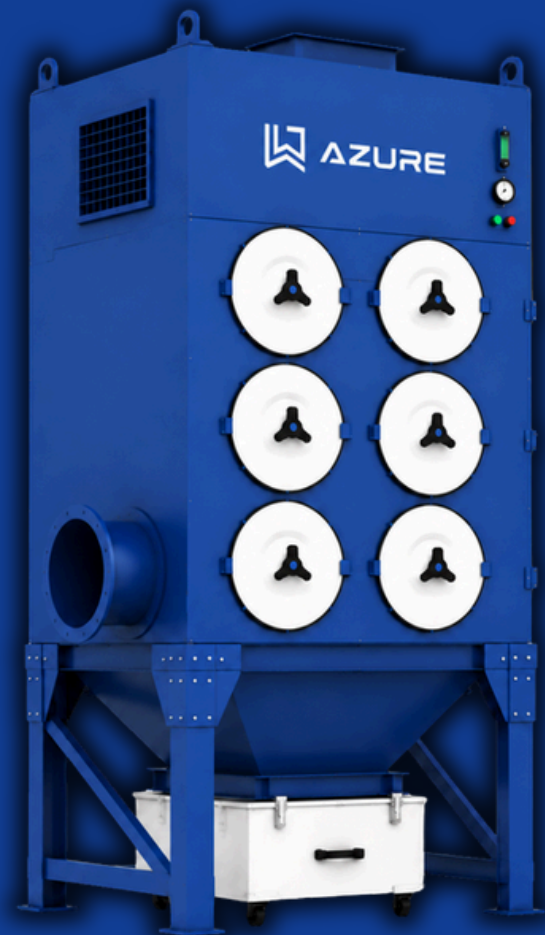
AE-LD-6S

6-Cartridge Industrial Dust Collector

Reliable dust collection solution for woodworking and industrial applications.



APPLICATION



KEY FEATURES

01 High Efficiency Cartridge Filtration

Efficient filtration for fine dust particles and industrial applications.

02 Automatic Pulse Cleaning

Maintains stable airflow and extends filter service life.

03 Large Dust Collection Capacity

Designed for continuous operation in woodworking environments.

AE-LD-6S

ENGINEERING PARAMETERS

Designed for woodworking and general industrial dust extraction.

GENERAL INFORMATION

MODEL

AE-LD-6S

DIMENSION

1560 × 1430 × 2840 mm

PRODUCT TYPE

Cartridge Fixed Dust Collector

WEIGHT

600 kg

PERFORMANCE

AIRFLOW

7500m³/h

MOTOR POWER

7.5 kW

FILTER CARTRIDGES

6 PCS

FILTER MATERIAL

PTFE Membrane

FILTRATION ACCURACY

≥99.9% @ 0.3 μm

CLEANING SYSTEM

Automatic Pulse Cleaning

SYSTEM & REQUIREMENT

POWER SUPPLY

380V / 50Hz / 3PH

COMPRESSED AIR REQUIREMENT

0.5 – 0.7 MPa

NOISE LEVEL

≤75 dB

AE-HV-55

High Vacuum Welding Fume Extraction System

High vacuum source capture system
designed for robotic welding applications.



APPLICATION

KEY FEATURES



01 High Vacuum Source Capture

Powerful suction captures fumes directly from welding torch.

02 Robotic Welding Integration

Designed for automated welding cells with robot interface.

03 Continuous Production Protection

Stable filtration performance for long-term robotic operation.

AZURE ERA / PRODUCT SERIES



AE-HV-55

ENGINEERING PARAMETERS

Designed for high vacuum source capture in robotic welding applications.

GENERAL INFORMATION

MODEL

AE-HV-55

DIMENSION

950 × 830 × 2030 mm

PRODUCT TYPE

Robotic Fume Extractor

WEIGHT

250 kg

PERFORMANCE

AIRFLOW

530m³/h

MOTOR POWER

5.5 kW

FILTER CARTRIDGES

2 PCS

FILTER MATERIAL

Flame Retardant PTFE

FILTRATION ACCURACY

≥99.9% @ 0.3 μm

CLEANING SYSTEM

Automatic Pulse Cleaning

SYSTEM & REQUIREMENT

POWER SUPPLY

380V / 50Hz / 3PH

COMPRESSED AIR REQUIREMENT

0.5 – 0.7 MPa

NOISE LEVEL

≤75 dB

SPARK PROTECTION

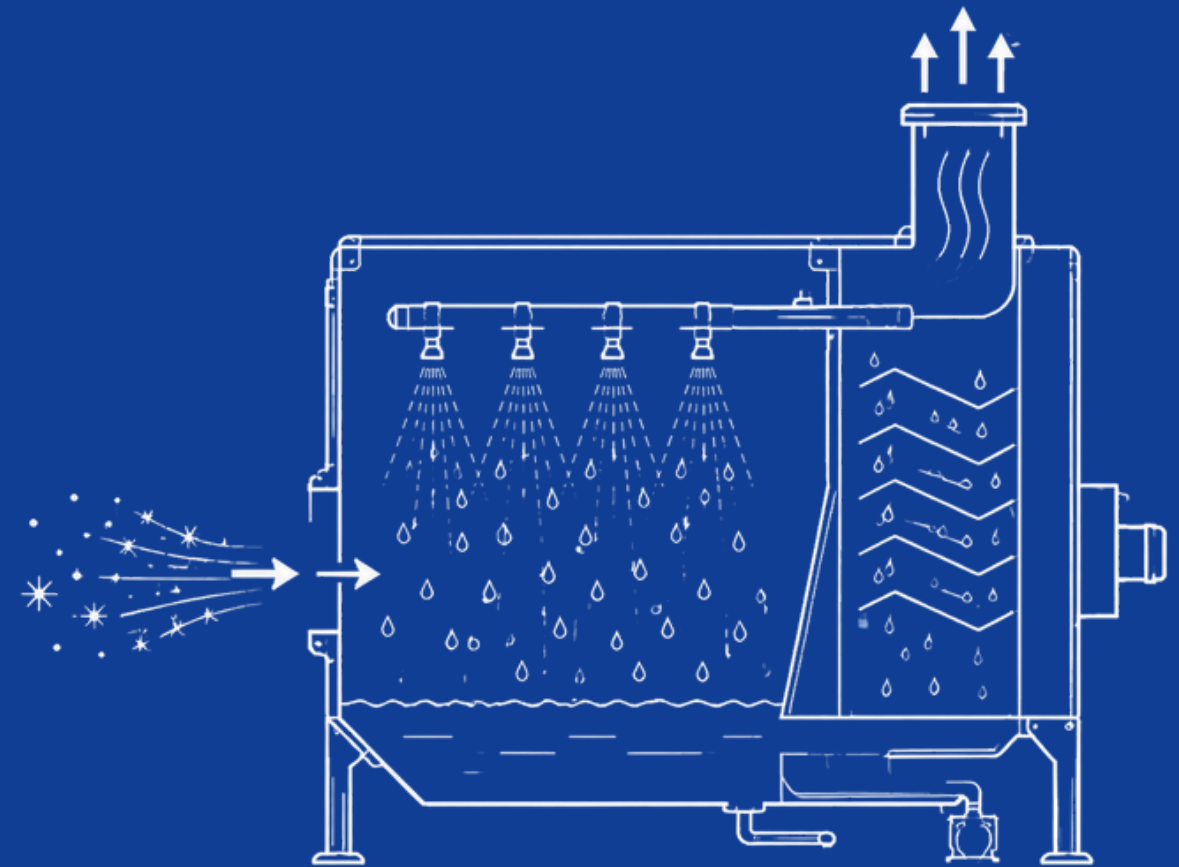
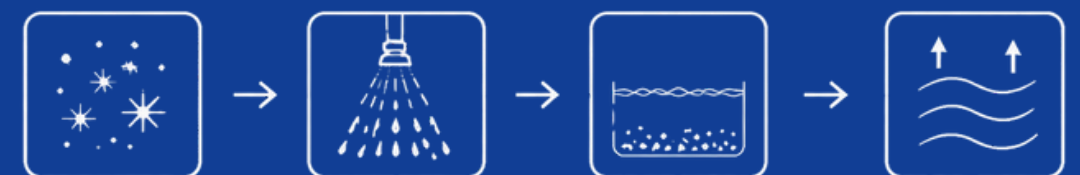
Integrated Spark Arrestor

04

WET DUST COLLECTION

SAFE DUST CONTROL SOLUTIONS
FOR COMBUSTIBLE AND HAZARDOUS
MATERIALS.

ALUMINUM • MAGNESIUM • FLAMMABLE DUST



Why Choose Wet Dust Collection

Safe dust control solutions for combustible and explosive dust applications.



Designed for high-risk dust applications

Aluminum • Magnesium • Composite Materials • Metal Grinding

HOW TO ACHIEVE SAFE PRODUCTION



Dust Control

Capture combustible dust at the source to reduce airborne concentration.



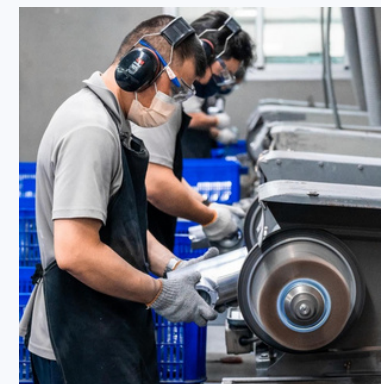
Ignition Prevention

Minimize ignition risks by controlling sparks, heat sources, and combustible dust exposure.

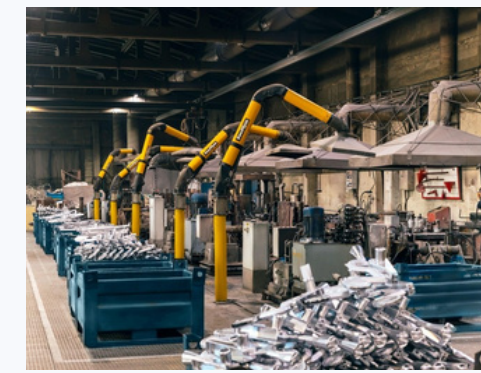


Spark Suppression

Water-based filtration captures particles and suppresses sparks for safer dust handling.



Aluminum Grinding



Heavy Grinding



Composite Dust



High-Risk Grinding



Metal Processing

AE-WD-20L

Wet Downdraft Grinding Table

Safe grinding dust collection solution for combustible metal dust applications.



AZURE ERA / PRODUCT SERIES

AE-WD-20L

ENGINEERING PARAMETERS

Designed for safe grinding dust collection and spark suppression applications.

GENERAL INFORMATION

MODEL AE-WD-20L	DIMENSION 2000 × 1350 × 1900 mm
TABLE SIZE 1950 × 700 × 750 mm	WEIGHT 300 kg

PERFORMANCE

AIRFLOW 6600-8000m ³ /h	MOTOR POWER 2.2 kW × 2
FILTER AREA 27-30 m ²	NOISE LEVEL ≤75 dB

SYSTEM & SAFETY

WATER TANK CAPACITY 225 L	FILTRATION SYSTEM 60 Mesh Stainless Filter
WATER PUMP QC-1500W	SAFETY SYSTEM Water Level / Fan / Pump Alarm

AVAILABLE SIZES

1500mm | 2000mm | 3000mm
Customized dimensions available
for different grinding applications.



APPLICATIONS



Metal Grinding
Aluminum Processing
Surface Finishing

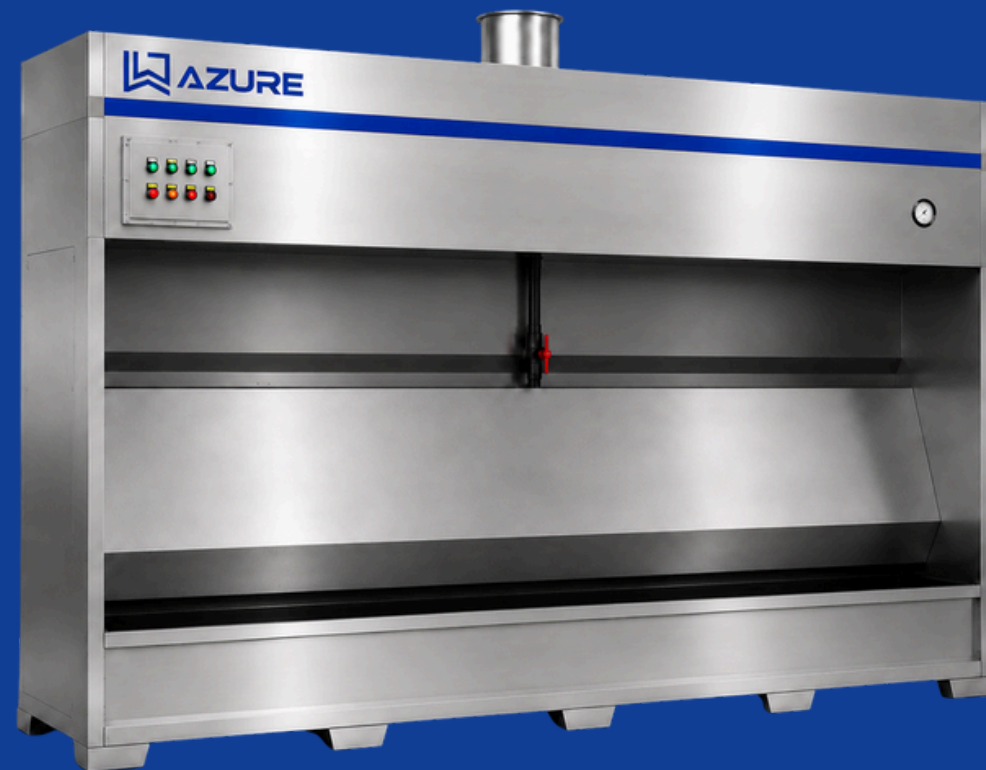
KEY FEATURES

- 01 Wet Spark Suppression
Water-based filtration suppresses sparks and captures combustible dust.
- 02 Combustible Dust Control
Designed for aluminum, magnesium and other combustible dust applications.
- 03 Custom Work Dimensions
Available in different sizes to meet various grinding requirements.

AE-WBC-40

Modular Wet Grinding Booth

Flexible wet dust collection solution
for large-scale grinding and polishing areas.



APPLICATIONS



Metal Grinding
Aluminum Processing
Surface Finishing

KEY FEATURES

- 01 Modular Expansion
Multiple units can be combined
to create large dust-controlled areas.
- 02 Wet Filtration Technology
Water-based filtration captures dust
and reduces spark risks.
- 03 Customized Dimensions
Available in 2m, 3m, 4m and 5m
configurations according to requirements.

AE-WBC-40

ENGINEERING PARAMETERS

Designed for modular grinding dust collection systems.

GENERAL INFORMATION

MODEL
AE-WBC-40

DIMENSION
4000 × 850 × 2500 mm

MATERIAL
201 Stainless Steel

WEIGHT
300 kg

PERFORMANCE

AIRFLOW
25000m³/h

FAN QUANTITY
3 Units

WATER PUMP POWER
1.1 kW

DUST REMOVAL EFFICIENCY
≥95%

SYSTEM & SAFETY

WATER FILTRATION
Three-stage water filtration

FILTER MEDIA
Honeycomb Demister

WATER TANK
Integrated Water Circulation

SAFETY SYSTEM
Water Level / Fan / Pump Alarm

AVAILABLE CONFIGURATIONS

AE-WBC-20 / 30 / 40 / 50

Modular combination available
for customized workshop layouts.

AE-WFP-30

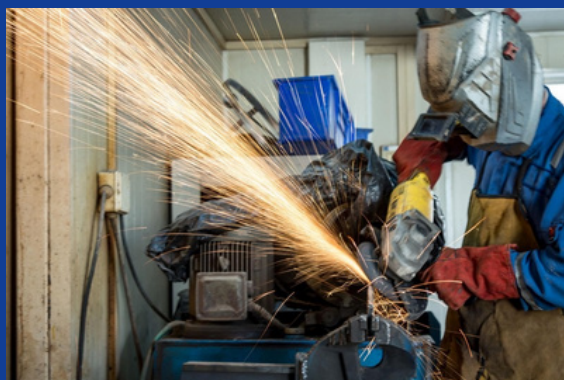
Pump-Free Water Rotary Dust Collector

Wet Filtration System for Grinding Dust, Welding Fume and Combustible Particles



Pump-Free Water Circulation

APPLICATIONS



Metal Grinding
Aluminum Processing
Surface Treatment

KEY FEATURES

- 01 Pump-Free Water Filtration
Airflow-driven water circulation, no water pump required.
- 02 Wet Filtration Technology
Efficient dust capture with reduced spark risks.
- 03 Flexible Configuration
Multiple sizes available for different applications.

AE-WFP-30

ENGINEERING PARAMETERS

Designed for modular grinding dust collection systems.

GENERAL INFORMATION

MODEL
AE-WFP-30

DIMENSION
900 × 850 × 1850 mm

WEIGHT
200 kg

BODY MATERIAL
201 Stainless Steel

PERFORMANCE

AIRFLOW
2800m³/h

MOTOR POWER
3 kW

EXHAUST PRESSURE
1400 Pa

DUST REMOVAL EFFICIENCY
≥95%

WATER FILTRATION SYSTEM

Water Rotary Filtration
Airflow-driven water circulation without pump.

WATER CAPACITY
Approx. 120 L

WATER CONSUMPTION
3 – 5 m³/h

AE-WPB-17

Wet Polishing Booth

Integrated Wet Filtration Solution for Aluminum and Combustible Metal Dust Applications



APPLICATIONS



Aluminum Polishing
Magnesium Processing

KEY FEATURES

- 01 Dual Operator Design
Two polishing stations enable simultaneous operation.
- 02 Water Curtain Filtration
Wet filtration captures dust particles and reduces fire risks.
- 03 Combustible Dust Safety
Designed for aluminum, magnesium and metal polishing applications.

AE-WPB-17

ENGINEERING PARAMETERS

Designed for modular grinding dust collection systems.

GENERAL INFORMATION

MODEL
AE-WPB-17

DIMENSION
1700 × 1600 × 1900 mm

WORKSTATION
Double Operator

BODY MATERIAL
201 Stainless Steel

PERFORMANCE

AIRFLOW
4200 m³/h

MOTOR POWER
3 kW

NOISE LEVEL
≤75 dB(A)

FAN TYPE
Explosion-proof Centrifugal Fan

WET FILTRATION SYSTEM

FILTRATION TYPE
Water Curtain Filtration

DUST REMOVAL EFFICIENCY
≥95%

WATER CAPACITY
Approx. 200 L

WATER CIRCULATION
Continuous Recycling System



Safety Solution for Combustible Metal Dust
Designed to reduce fire and explosion risks during aluminum and magnesium polishing processes.

Modular Wet Dust Control Solution

Flexible grinding area design for large-scale industrial applications.



Grinding Area Integration



Modular Booth Installation

Flexible Modular Design



From Single Units to Complete Grinding Areas, We Provide Flexible Modular Dust Control Solutions.



Safety

Wet filtration reduces spark risks.



Flexibility

Modular design enables future expansion.



Engineering Support

Customized solutions based on workshop layout.



Workshop Integration



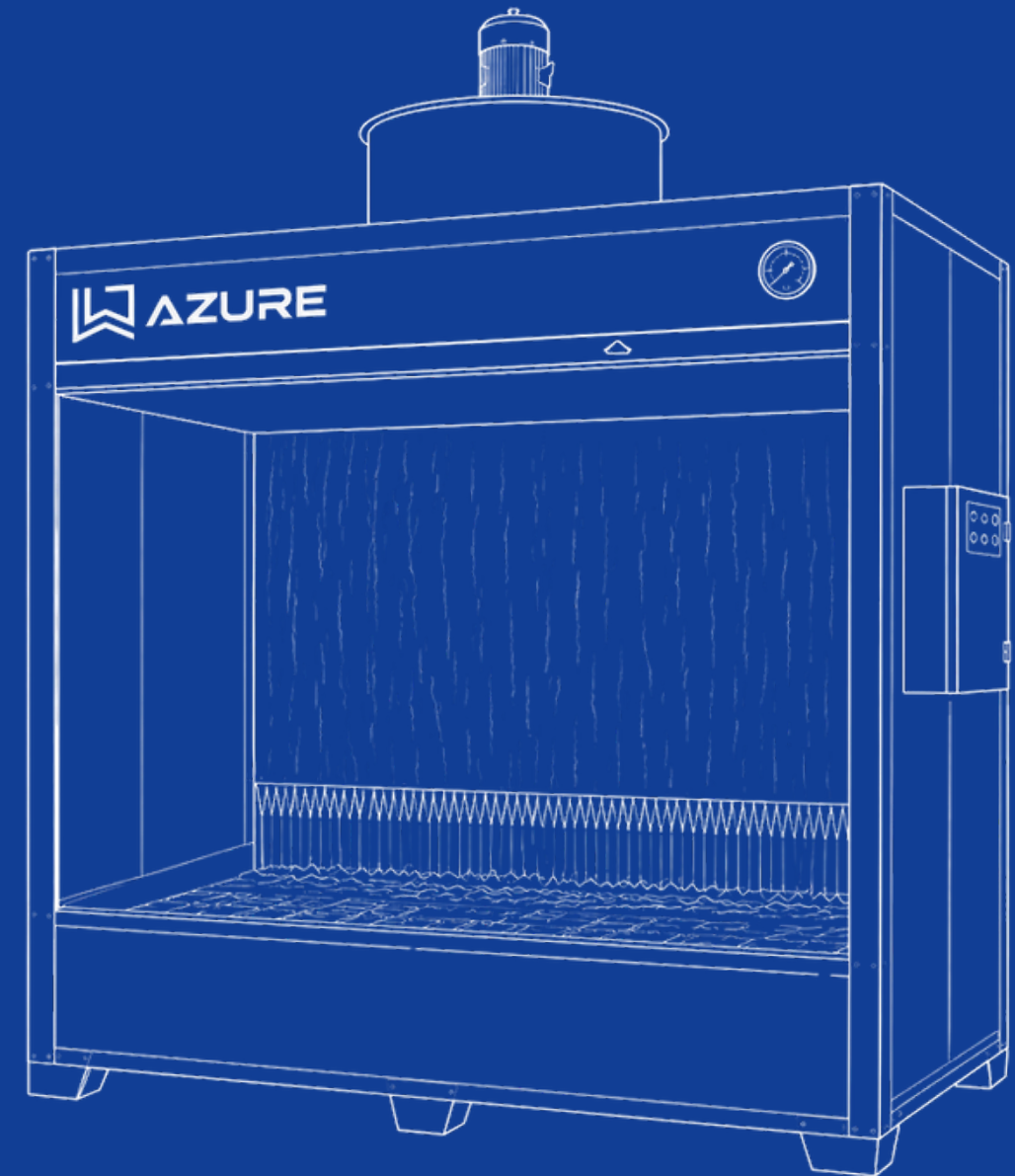
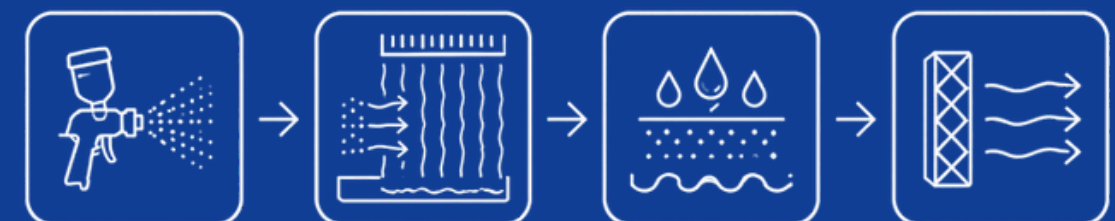
Customized Layout

05

Painting & Coating Solutions

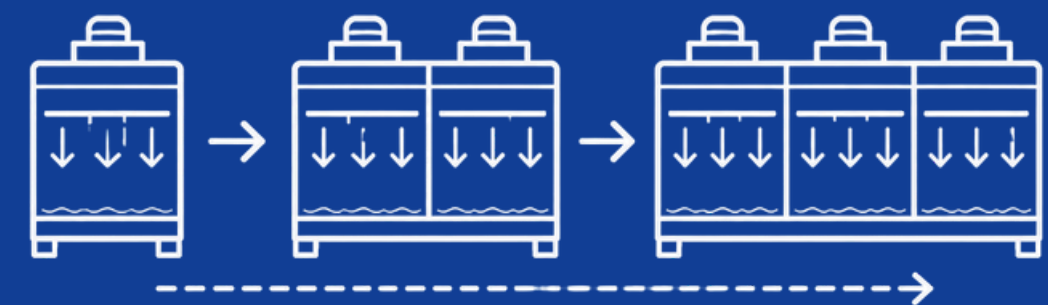
EFFICIENT OVERSPRAY CAPTURE AND
CLEAN AIR SOLUTIONS FOR INDUSTRIAL
FINISHING APPLICATIONS.

AUTOMOTIVE • METAL COATING • FURNITURE
INDUSTRIAL FINISHING



Modular Wet Dust Control Solution

Flexible grinding area design for large-scale industrial applications.



Flexibility



Large-Scale Painting



Workshop Integration



Safety



Clean Air

AE-WRB-30

Water Rotary Spray Booth

Efficient overspray capture system with automatic paint separation and easy maintenance.



Available Sizes
1 m | 2 m | 3 m | 4 m | 5 m
Customized dimensions available
for different painting requirements.

APPLICATION



KEY FEATURES

- 01 High Efficiency Overspray Capture
Water circulation system captures paint mist effectively and improves air quality in painting operations.
- 02 Automatic Paint Separation
Special water circulation design separates paint residue for easier cleaning and maintenance.
- 03 Low Maintenance Cost
Reduced filter consumption and simple daily cleaning help lower operating costs.



AZURE ERA / PRODUCT SERIES

AE-WRB-30

ENGINEERING PARAMETERS

Designed for efficient overspray capture and clean painting applications.

GENERAL INFORMATION

MODEL AE-WRB-30	DIMENSION 3000 × 1500 × 2000 mm
MATERIAL SUS201 Stainless Steel	BODY THICKNESS 1.5 mm

PERFORMANCE

AIRFLOW 12000-15000m³/h	MOTOR POWER 5.5 kW
EXHAUST PRESSURE 2800 Pa	WATER PUMP POWER 1.1 kW
PAINT CAPTURE EFFICIENCY ≥95%	

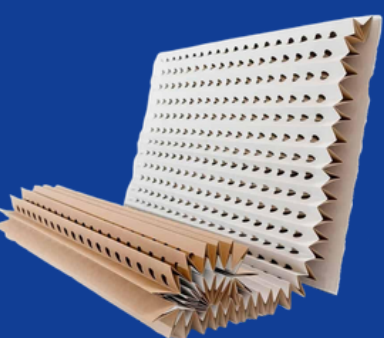
FILTRATION & SYSTEM

POWER SUPPLY 380V / 50Hz / 3PH	WATER CIRCULATION Automatic Paint Separation
FILTRATION SYSTEM Rotary Water Filtration	WATER TANK THICKNESS 2 mm

AE-DBS-30

Dry Filter Spray Booth

Modular dry filtration solution for efficient paint overspray capture and clean coating operations.



Andreae Dry Filter Media
Efficient overspray filtration.

APPLICATION



KEY FEATURES

- 01 Efficient Overspray Capture
Captures paint particles and aerosols for cleaner air.
- 02 Easy Filter Replacement
Quick filter replacement reduces maintenance time.
- 03 Modular Design
Flexible sizes from 1m to 5m.

AE-DBS-30

ENGINEERING PARAMETERS

Designed for efficient overspray capture and clean painting applications.

GENERAL INFORMATION

MODEL AE-DBS-30	DIMENSION 3000 × 2300 × 2250 mm
BOOTH WIDTH 3000 mm	BODY MATERIAL Galvanized Steel / Stainless Steel

PERFORMANCE

AIRFLOW 15000 m ³ /h	MOTOR POWER 2.2 kW
FILTER TYPE Dry Disposable Filter	FILTER MEDIA Andreae Paper Filter

SYSTEM & REQUIREMENT

EXHAUST OUTLET Ø710 mm	LIGHTING LED Lighting
INSTALLATION Modular Structure	

AVAILABLE SIZES

1 m | 2 m | 3 m | 4 m | 5 m

Customized dimensions available for different painting applications.

FG-SB900

Food Grade Spray Booth

Clean Spray Environment for Chocolate & Bakery Production



APPLICATION



KEY FEATURES

01 Food Grade Stainless Steel

304 stainless steel construction, hygienic and corrosion resistant.

02 Multi-Stage Filtration

Captures airborne particles and spray mist efficiently.

03 Clean Working Environment

Reduces contamination risk during food spraying processes.

04 Flexible Applications

Suitable for chocolate, bakery and confectionery production.

FG-SB900

ENGINEERING PARAMETERS

Designed for efficient overspray capture and clean painting applications.

GENERAL INFORMATION

MODEL

FG-SB900

DIMENSION

900 × 900 × 2000 mm

WORKING AREA

600 × 700 mm

BODY MATERIAL

SUS304 Stainless Steel

PERFORMANCE

AIRFLOW

4000-6000 m³/h

MOTOR POWER

2.2 kW

FILTER TYPE

Multi-Stage Filtration

FILTER MEDIA

Andreae Paper Filter

SYSTEM & REQUIREMENT

VOLTAGE

220V / 50HZ

LIGHTING

LED Lighting

INSTALLATION

Modular Structure

NOISE LEVEL

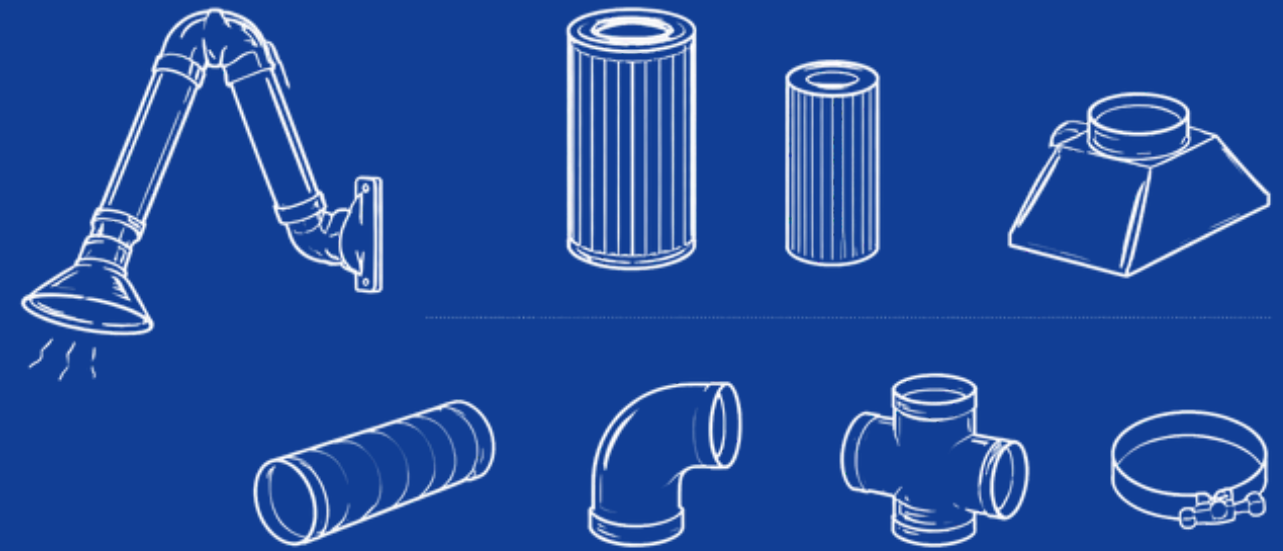
≤65 dB(A)

06

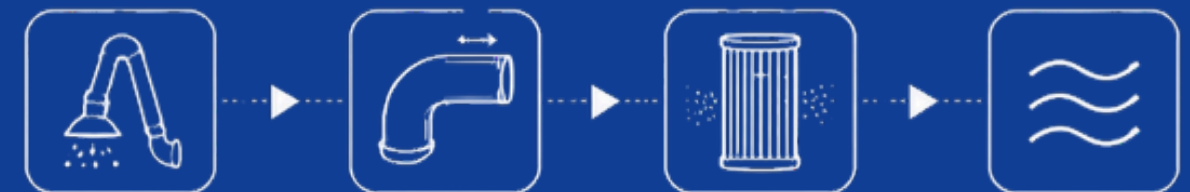
Air Collection Components & Accessories

SUPPORTING COMPONENTS FOR
COMPLETE DUST EXTRACTION SYSTEMS

EXTRACTION ARM • DUCTWORK • FILTRATION
CUSTOMIZED AIR COLLECTION SYSTEMS



From Individual Components to Complete Extraction Systems



FILTER CARTRIDGE OPTIONS

Customized filter media for different industrial dust applications



PTFE Membrane Filter Cartridge

High efficiency filtration with excellent dust release performance.

MATERIAL

PTFE Membrane

DIAMETER

Ø325 mm / Ø350 mm

LENGTH

500 / 550 / 600 mm



Polyester Filter Cartridge

Reliable filtration solution for general industrial dust applications.

MATERIAL

Polyester Fiber

DIAMETER

Ø325 mm / Ø350 mm

FILTRATION EFFICIENCY

≥99%

FILTER CARTRIDGE

TECHNICAL SPECIFICATIONS



Flame Retardant Filter Cartridge

Designed for spark and combustible dust applications.

MATERIAL

Acrylic Fiber / Flame Retardant Media

DIAMETER

Ø325 mm / Ø350 mm / Ø380 mm

LENGTH

500 / 550 / 600 mm



Antistatic Filter Cartridge

Reduces static electricity buildup during filtration for safer operation.

MATERIAL

Antistatic Polyester Fiber

SURFACE RESISTANCE

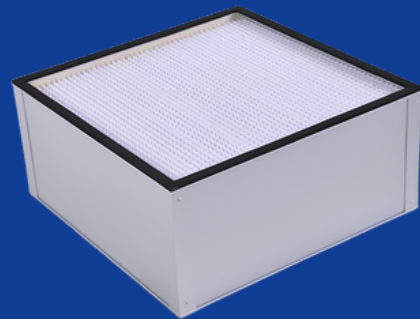
≤10⁶ Ω

LENGTH

500 / 550 / 600 mm

FILTER CARTRIDGE OPTIONS

Customized filter media for different industrial dust applications



HEPA Panel Filter

High efficiency filtration for ultra-fine particle removal.

MATERIAL

Glass Fiber Media

FILTRATION EFFICIENCY

H13 Grade (99.97% @ 0.3 μ m)

FRAME MATERIAL

Aluminum / Galvanized Steel

Andreae Paint Arrestor Filter

High capacity overspray filtration for dry spray booth applications.

MATERIAL

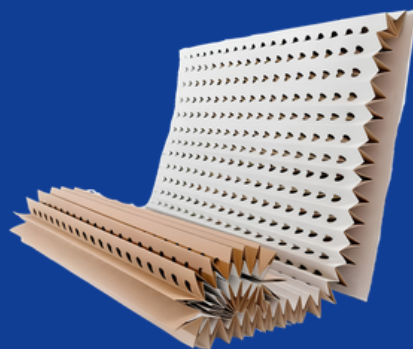
Multi-layer Kraft Paper

STRUCTURE

Accordion Fold Design

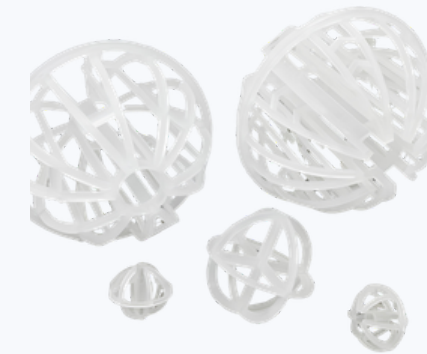
EFFICIENCY

Up to 98% Overspray Capture



WET FILTRATION COMPONENTS

Key components for efficient wet dust collection systems



PP Plastic Packing Media

Enhances gas-liquid contact and improves dust absorption efficiency.

MATERIAL

PP (Polypropylene)

STRUCTURE

Hollow Spherical Packing

SIZE

Ø25 / Ø38 / Ø50 mm



PP Honeycomb Filter Media

Improves water mist distribution and enhances particle capture efficiency.

MATERIAL

PP (Polypropylene)

STRUCTURE

HONEYCOMB CELL DESIGN

THICKNESS

50 / 100 mm

WELDING FUME EXTRACTION COMPONENTS

Flexible extraction solutions for welding fume capture.



EXTRACTION COMPONENTS



Available in different sizes and configurations according to application requirements.

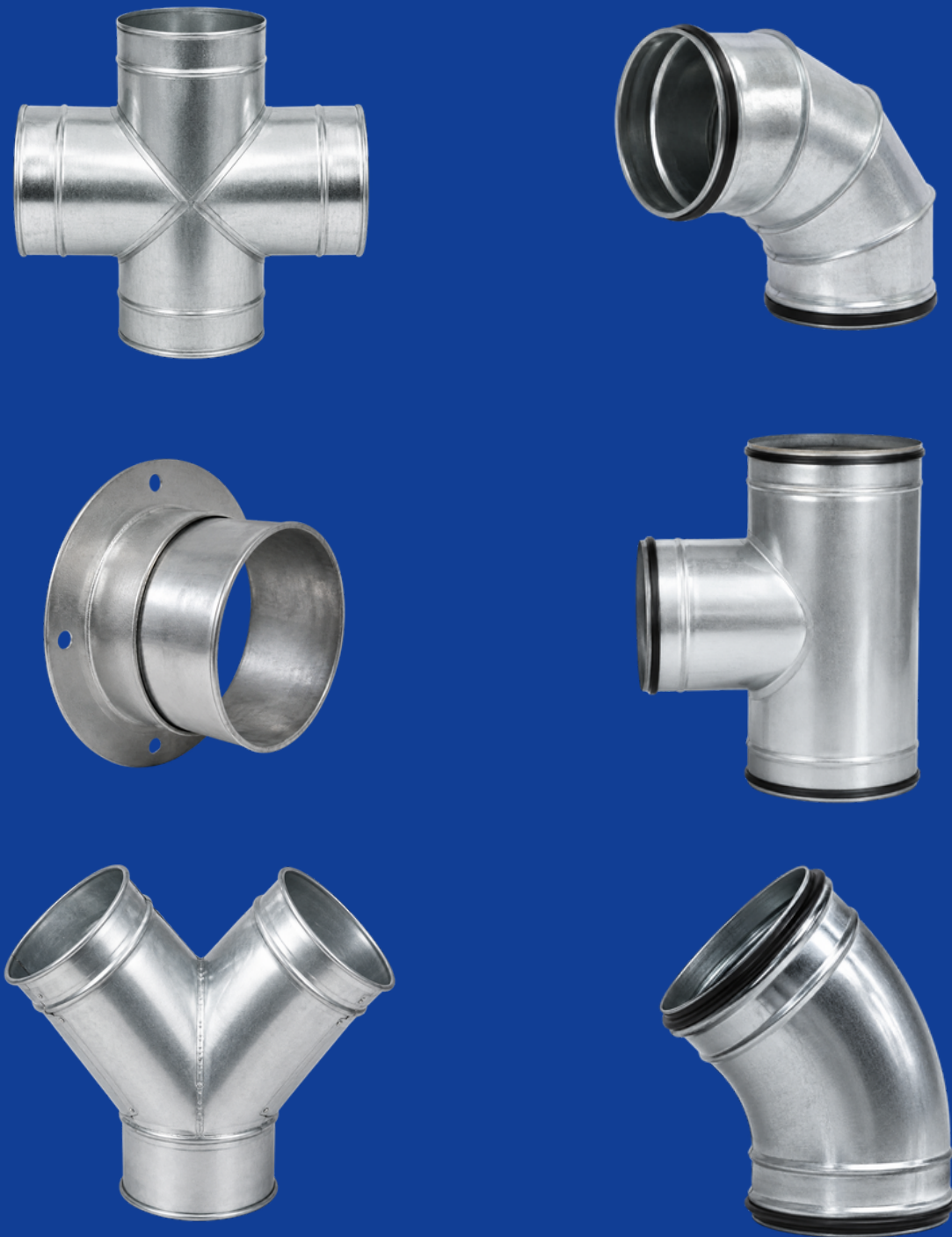
AIR COLLECTION COMPONENTS

Complete ducting solutions for customized dust extraction systems

AZURE ERA / PRODUCT SERIES

DUCTWORK OPTIONS

Available diameters and configurations for different extraction systems.



Available in various diameters and configurations according to different system requirements.



MATERIAL

Galvanized Steel / Stainless Steel

DIAMETER

Ø100 – Ø500 mm

COMPONENTS

Duct • Elbow • Tee • Flange

