



EVERYTHING FOR
FILTRATION

Welron Industries is professionally managed company established as one of the leaders in the Antipollution Systems, by a team of engineers with strong engineering and marketing expertise to manufacture, market and service. Our experience covers all facets of Dust, Fume and Industrial Ventilation Control systems for general industrial applications.

Our team of experts will work with you to find the best and most efficient solution for your industrial air filtration needs based on the industrial applications you employ and physical dimensions of your facility. We stand behind our products and workmanship with **our warranty to you.**

Our users, customers and partners around the world are our most important resources and what drives our development forward. This knowledge has created a platform for increased productivity and functionality, all to create the most cost-effective solutions possible for our customers.

QUALITY – PROXIMITY – SUSTAINABILITY – KNOW-HOW

- **We welcome you to visit our offices,** where we will gladly show you around and discuss our products.



MISSION



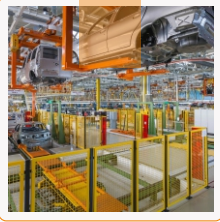
“To innovate, to create and provide high-quality, energy efficient products and services that meet the needs of all industries at cost-effective prices. As a dynamic team we recognize change is essential to continue to satisfy our customer’s needs”.



VISION

To be a recognized performance leader in Global Air Pollution Control industry through excellence in Quality products Design – Manufacturing – Service and thereby achieving customer satisfaction.

Manufacturing



Wood



Pharma



Chemical



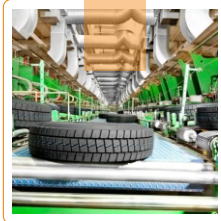
Cement



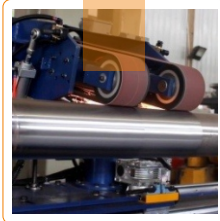
Plastic



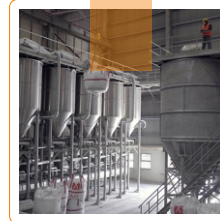
Rubber



Buffing / Polishing



Ceramics



Dairy



Foundry



Metal



Sand Blasting



Painting



Foods & Spices



Tobacco



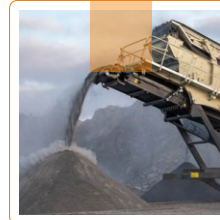
Coal Handling



Paper & Pulp



Mining



Textile



PRODUCT PORTFOLIO

- Pulse Jet type Bag Filter
- Pulse Jet type Cartridge Filter
- Shaker Dust Collector
- Multi Bag Dust Collector
- Cyclone Dust Collector
- 2-Stage Cyclone Dust Collector
- Wet Dust Collector
- Portable Dust Collector
- Single Stage Dust Collector
- Packed bed Scrubber
- Venturi Scrubber
- Dry Spray Booth
- Water Spray Booth
- Dry Suction Wall
- Downdraft Table
- Three phase Industrial Vacuum Cleaner
- Single phase Commercial Vacuum Cleaner
- Laser/Plasma Fume Extractor
- Portable Fume Extractor



FEATURES & BENEFITS

- Modular Designs Available starting from 250 m³/hr to 4,00,000 m³/hr.
- Variety of Filter media available for different applications.
- High temperature/ Pressure design
- Easy Installation and Maintenance
- Capable handling different gases
- Optimized design

APPLICATION

- | | | |
|--------------------------|--------------------------------------|---------------------------------|
| ● Industrial processing | ● Metal and plastics recycling | ● Foundry |
| ● Metal working | ● Food | ● Welding, etc. |
| ● Pharmaceuticals | ● General industrial dust collection | ● Grinding & Polishing |
| ● Wood working | ● Chemical Processing | ● Sand Blasting & Shot Blasting |
| ● Powder coating | ● Cement | ● Rubber & Tire |
| ● Laser & Plasma cutting | ● Short black | ● Paper industries |
| ● Gas turbine | ● Carbon black | |
| ● Boiler | ● Fumes | |

Pulse Jet Type Cartridge Filter

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FEATURES & BENEFITS



- Durable construction to with stand continuous operation
- Cost-effective filter system to operate and maintain
- Shipped in modules to reduce freight costs
- Optional accessories to meet NFPA and OSHA guideline
- Low height front loading of cartridge removal & insertion.
- Cellulose/ Polyester blend cartridges Continuous duty operation.
- Lower pressure drop in Comparison with Hose Bag Type Bag Filters.
- Modular design starting from 1000 to 1,00,000 m3/hr
- Supplied in ready to start conditions
- Space Savings



APPLICATION



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|--------------------------|--------------------------------------|---------------------------------|
| ● Industrial processing | ● Recycling | ● Fumes |
| ● Metal working | ● Food | ● Foundry |
| ● Pharmaceuticals | ● General industrial dust collection | ● Welding, etc. |
| ● Wood working | ● Chemical Processing | ● Grinding & Polishing |
| ● Powder coating | ● Cement | ● Sand Blasting & Shot Blasting |
| ● Laser & Plasma cutting | ● Short black | ● Rubber & Tire |
| ● Gas turbine | ● Carbon black | |
| ● Metal and plastics | | |

FEATURES & BENEFITS



- Suitable for variety of materials, such as wood, plastics, rubber, polystyrene etc.
- Generous size of dust bags for maximum work comfort.
- Optimized design increases performance level.
- Ideal for smaller and medium workshops.
- Powerful motor to filter the dust from the air of your working environment efficiently.
- Protection on the inlet and outlet of the blower to ensure safe usage.
- Easily to assembled.
- Quick bag clamp for simple hassle-free replacement of dust bags.



APPLICATION



- Wood working
- Plastics recycling
- Grinding & Polishing
- Pulverizing

MODEL	FAN (HP)	AIRFLOW (CMH)	STATIC PRESSURE	SUCTION INLET	FILTERS	FILTER AREA (ft2)	WASTE BAGS
SBF - 510	5	3500	11"	8"	12	119	1
SBF - 720	7.5	5100	11"	10"	24	238	2
SBF - 1030	10	6800	11"	12"	36	357	3
SBF - 1540	15	8500	12"	14"	48	476	4
SBF - 2050	20	10200	12"	16"	60	595	5

FEATURES & BENEFITS

- An economical solution to a wide range of dust collection problems
- No Moving or Rotating Parts so minimal Maintenance
- Excellent for high dust load, high temperature, and product recovery applications
- Heavy-duty construction for long life and low maintenance
- Can be used alone, with optional bag filter assembly, or as a pre-cleaner Applications From 500 - 25,000 m³ /h
- Durable construction to with stand continuous operation
- Removable cone section for easy replacement



APPLICATION

- | | | |
|--|----------------------------------|--------------------------|
| ● Wood working | ● Shot Blasting & Sand Blasting | ● Carbon black Industry |
| ● Guar gum Processing | ● Abrasive Media Manufacturing | ● Rubber Processing |
| ● Boiler Flue Gas | ● Dryer Exhaust | ● Food Processing Plants |
| ● Primary Separator for Dust Collector | ● Kiln Exhaust | ● Master Batch Industry |
| ● Fly Ash Handling Plants | ● Mineral Grinding | ● Metal working |
| ● Polishing & Buffing Machines | ● Furnace Fume Extraction System | |
| ● Cement Plants | ● Plastic Industry | |

2-Stage Cyclone Dust Collector

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FEATURES & BENEFITS

- Much higher filtration efficiency than any single stage designs
- Excellent for collecting larger chips into a bin before reaching the impeller.
- Easy cleaning drum canister rolls on swivel casters
- Fully mobile with built-in casters
- Unique vacuum equalizer built into collection drum for use with disposable plastic bags.
- Powerful, self-cleaning, steel, radial blade blower wheels.
Quiet operation.
- All dust bags are 99% efficient.
- 14-gauge, powder-coated, steel blower housing

APPLICATION

- Wood working
- Guar gum Processing
- Polishing & Buffing Machines
- Abrasive Media Manufacturing
- Dryer Exhaust
- Plastic Industry
- Rubber Processing
- Food Processing Plants
- Master Batch Industry
- Tobacco Industries



MODEL	POWER (HP)	AIRFLOW (CMH)	STATIC PRESSURE	SUCTION INLET	FILTERS	DIMENSIONS LXWXH (INCH)	WEIGHT (KG)
WL - CD150	1.5	1400	10"	6"	1	39X24X92	62
WL - CD200	2	1700	10"	7"	1	39X24X92	68
WL - CD300	3	2700	10"	8"	1	54X32X85	185
WL - CD500	5	3500	12"	8"	1	58X34X98.5	245
WL - CD750	7.5	4500	12"	10"	2	60X36X116	330
WL - CD1000	10	7500	13"	12"	2	62X48X110	410

Single Stage Dust Collector

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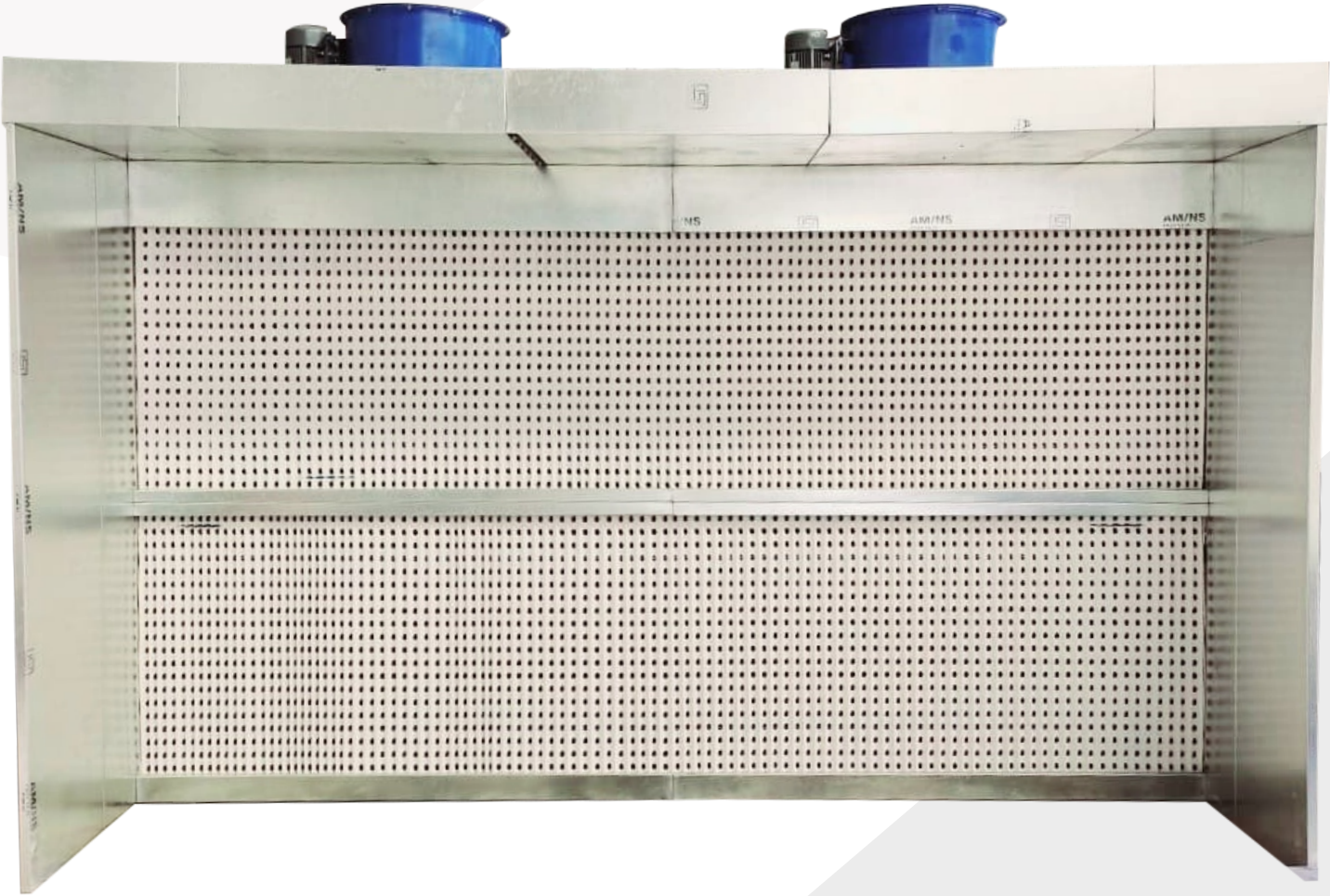
FEATURES & BENEFITS

- Steel fan wheel resistant to suction of small pieces of wood.
- Ideal for smaller workshops.
- Cost Effective.
- Quick-install collection bag makes emptying and re-attaching a snap
- Single-stage design for economical and quiet operation Includes four casters for Mobility and total portability.

MODEL	FAN (HP)	VOLTAGE	AIRFLOW (CMH)	SUCTION INLET	FILTERS	FILTER SIZE (DIA. X DEPTH)	WASTE BAGS	SIZE
PDA - 1100	1	230 V / 440 V	1400	4" x 1	1	16" x 32"	1	34" x 15.5" x 68"
PDA - 2100	2	230 V / 440 V	1900	4" x 2	1	18" x 39"	1	39" x 24" x 92"
PDA - 2200	2	230 V / 440 V	1900	4" x 2	2	18" x 39"	2	50" x 24" x 92"
PDA - 3100	3	230 V / 440 V	2300	4" x 3	1	18" x 39"	1	39" x 24" x 92"
PDA - 3200	3	230 V / 440 V	2300	4" x 3	2	18" x 39"	2	50" x 24" x 92"
PDA - 5200	5	440 V	3000	4" x 4	2	18" x 39"	2	50" x 25" x 92"
PDA - 7200	7.5	440 V	4500	4" x 5	2	18" x 48"	2	55" x 25.5" x 110"
PDA - 7400	7.5	440 V	4500	5" x 4	4	18" x 39"	4	54.5" x 52" x 98"
PDA - 10200	10	440 V	6000	5" x 6	2	24" x 59"	2	72" x 29" x 122"
PDA - 10400	10	440 V	6000	6" x 4	4	18" x 48"	4	55" x 55" x 113"

APPLICATION

- Wood working
- Grinding & Polishing
- Rubber & Tire industries
- Plastics recycling
- Pulverizing

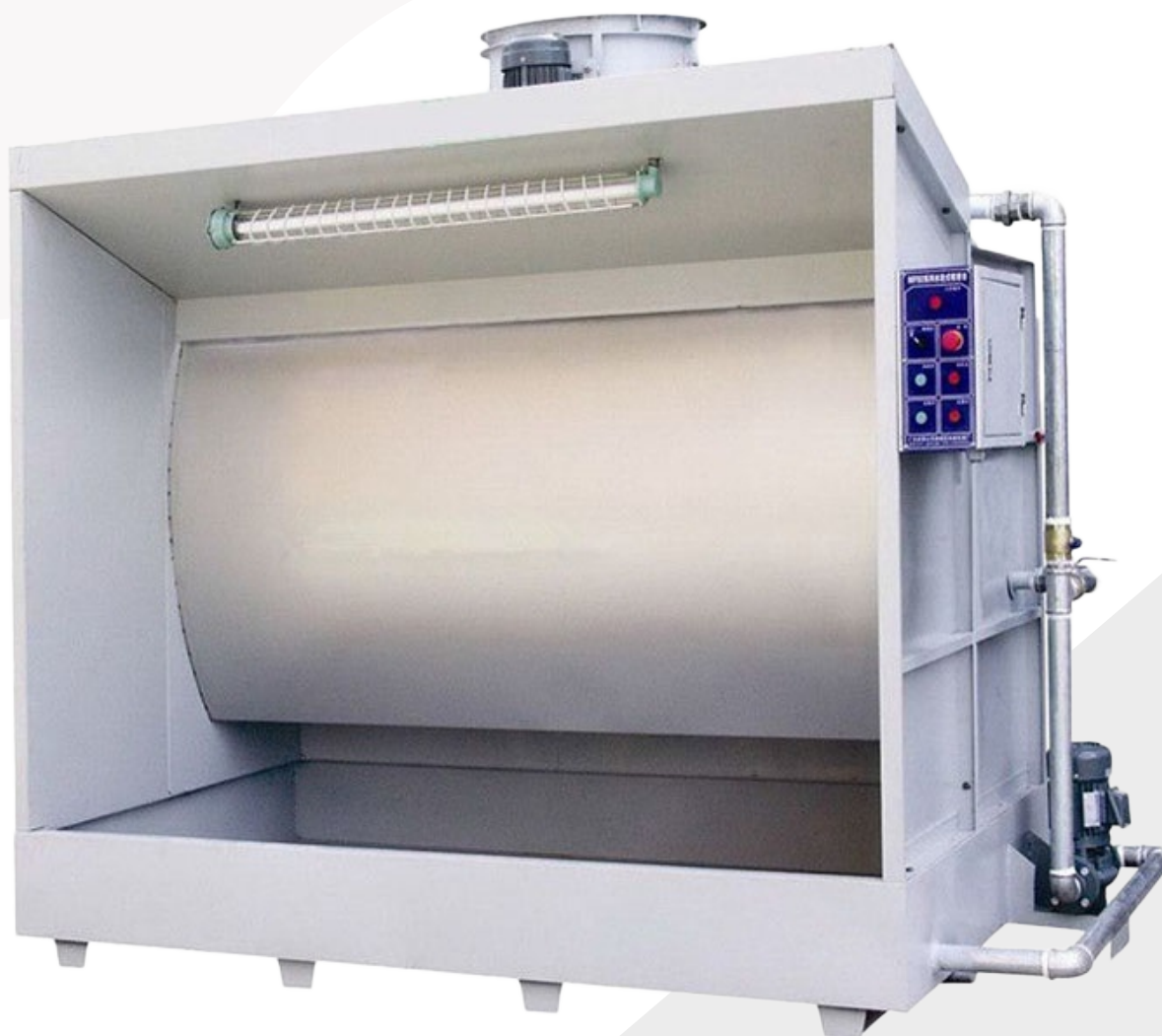


FEATURES & BENEFITS



- Front access open face design
- Integrated filtration media
- centrifugal electrical fan with IE2 motor.
- Front cardboard inertial filters
- Paint stop filter
- Wired Ceiling light IP65
- Wired electrical panel with emergency start stop button.

MODEL	POWER (HP/KW)	AIRFLOW (CMH)	NUMBER OF FANS	WORKING BOOTH LENGTH MM	WORKING BOOTH HEIGHT MM	OVERALL LENGTH MM	OVERALL HEIGHT MM
DSB - 15	2/1.5	4000	1	1500	2390	1600	3100
DSB - 20	2/1.5	6000	1	2000	2390	2100	3100
DSB - 25	3/2.2	8000	1	2500	2390	2600	3220
DSB - 30	5/3.7	10000	1	3000	2390	3100	3440
DSB - 40	2/1.5	12000	2	4000	2390	4100	3100
DSB - 50	3/2.2	16000	2	5000	2390	5100	3220
DSB - 60	5/3.7	20000	2	6000	2390	6100	3440



FEATURES & BENEFITS

- Frontal modular veil
 - Drop separator "Filler"
 - Metallic drawers with "Paint-stop" filter
 - centrifugal electrical fan with IE2 motor.
 - Stainless steel electrical immersion pump
 - Water filter
 - Wired Ceiling light IP65
 - Wired electrical panel with emergency start stop button.
- Change section

MODEL	FAN (HP/KW)	AIRFLOW (CMH)	NUMBER OF FANS	PUMP (HP/KW)	NUMBER OF PUMPS	WORKING BOOTH LENGTH MM	WORKING BOOTH HEIGHT MM	WORKING BOOTH DEPTH MM	OVERALL LENGTH MM	OVERALL HEIGHT MM
WSB - 20	2/1.5	5700	1	0.75/0.55	1	2000	2120	1050	2120	3100
WSB - 25	3/2.2	7400	1	0.75/0.55	1	2500	2120	1050	2620	3220
WSB - 30	5/3.7	9100	1	0.75/0.55	1	3000	2120	1050	3120	3440
WSB - 40	2/1.5	10800	2	1/0.75	1	4000	2120	1050	4120	3100
WSB - 50	3/2.2	14500	2	2/1.5	1	5000	2120	1050	5120	3220
WSB - 60	5/3.7	18200	2	0.75/0.55	2	6000	2120	1050	6120	3440



FEATURES & BENEFITS



- Energy saving, reduced heating or air conditioning cost
- Easy and low cost retrofit without need of piping
- Friendly transportation and installation by the crane eyelets and forklift lifting points.
- Quick maintenance of the horizontal cartridges
- Standalone positioning with the possibility to vary the location depending on immediate needs
- Easy dust disposal
- Plug & play installation just with compressed air connection and electric power
- Low noise operation thanks to the high efficiency backward curved fans installed
- Filtered air recirculation in the working area
- Self-cleaning system (to keep a perfect aspiration power)
- PLC controlled (with customizable program)
- Self-rotating motor fans (without belt drive for maintenance equal to 0)

MODEL	POWER (HP/KW)	AIRFLOW (CMH)	NUMBER OF FANS	WORKING BOOTH LENGTH MM	WORKING BOOTH HEIGHT MM	FILTERS(MM)	OVERALL LENGTH MM	OVERALL HEIGHT MM
WBD - 20	5/3.7	10000	1	1905	1050	(8) ø325 x 1000 L	2000	2370
WBD - 25	7.5/5.5	12000	1	2405	1050	(10) ø325 x 1000 L	2500	2370
WBD - 30	10/7.5	15000	1	2905	1050	(12) ø325 x 1000 L	3000	2370
WBD - 40	5/3.7	20000	2	3905	1050	(16) ø325 x 1000 L	4000	2370
WBD - 50	7.5/5.5	24000	2	4905	1050	(20) ø325 x 1000 L	5000	2370
WBD - 60	10/7.5	30000	2	5905	1050	(24) ø325 x 1000 L	6000	2370



FEATURES & BENEFITS



- Simple to use, plug and play design
- Ultra-small footprint & no permanent ducting
- Capture-at-source for cleaner air
- Compliant with OSHA guidelines for safe capture of dust, smoke and weld fumes
- Safe: three-way spark arrestor.
- Effective: powerful extraction including integrated fan.
- Efficient large filter surface and long filter lifespan.
- Maintenance-friendly: can be carried out from the side.

MODEL	POWER (HP/KW)	AIRFLOW (CMH)	WORKING BOOTH LENGTH MM	WORKING BOOTH HEIGHT MM	FILTERS(MM)	OVERALL LENGTH MM	OVERALL HEIGHT MM
WDT - 10	1.5/1.1	2900	1000	760	(2) ø325 x 380 L	1100	860
WDT - 15	2/1.5	3900	1500	760	(2) ø325 x 600 L	1600	860
WDT - 20	2/1.5	4300	2000	760	(4) ø325 x 600 L	2100	860
WDT - 25	3/2.2	5600	2500	760	(4) ø325 x 700 L	2600	860
WDT - 30	3/2.2	6600	3000	760	(4) ø325 x 1000 L	3100	860

THREE PHASE INDUSTRIAL VACUUM CLEANER

FEATURES & BENEFITS

- High Vacuum & Maintenance free blower
- Vacuum gauge for identifying suction power
- Pleated dust bag for higher filtration area
- High capacity collection drum
- PU Wheels for long-lasting performance and easy movement
- Manual Shaker arrangement for easy cleaning
- Secondary filter for 100% air filtration
- DOL Starter with overload Relay
- Metal and Liquid Separator
- Antistatic filters available
- Explosion proof option available
- Accessories tray for placing all accessories safely and to take along with machine



MODEL	POWER (KW)	MAXIMUM VACUUM MM H2O	AIRFLOW (CMH)	COLLECTION CAPACITY (LITERS)	SIZE	WEIGHT (KG)
WVC - 110	1 / 0.75	1450	145	40	35 x 20 x 48	52
WVC - 210	2 / 1.5	1950	210	50	35 x 20 x 48	66
WVC - 310	3 / 2.2	2300	318	80	44 x 25 x 61	91
WVC - 510	5.3 / 4	2700	420	80	44 x 25 x 61	124
WVC - 710	7.5 / 5.5	2800	530	95	50 x 27 x 65	142
WVC - 120	1 / 0.75	2150	88	40	40 x 20 x 48	60
WVC - 220	2 / 1.5	2850	150	50	40 x 20 x 48	75
WVC - 320	3 / 2.2	2900	230	80	50 x 25 x 61	106
WVC - 520	5.3 / 4	4000	230	80	50 x 25 x 61	139
WVC - 720	7.5 / 5.5	4400	320	95	55 x 27 x 65	158



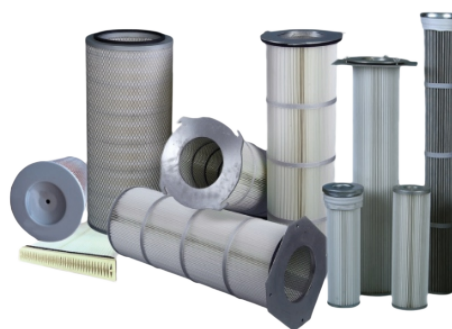
CENTRIFUGAL BLOWER



ROTARY AIRLOCK VALVE



VARIOUS PIPELINES



CARTRIDGE FILTERS



FILTER BAGS



PNEUMATIC SLIDING DAMPER



EXPLOSION RELIEF PANEL




AERATION PAD



FILTERING AIR FOR THE FUTURE

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