



LEGEND

PRODUCT CATALOG

2026





LEGEND

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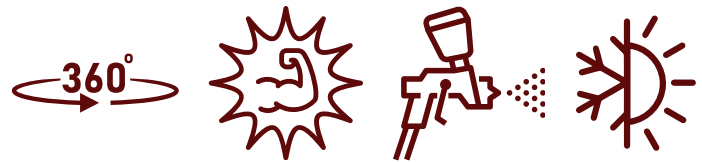
- **Removes harmful exhaust & powders** from workers' breathing zones for improved air quality
- Locking levers ensure the hood **remains secure** in the exact position you need.
- **360-degree continuous rotation** allows you to capture fumes from any part of your work area.
- Perfect for welding, soldering, & working with fumes or light dust, ensuring a **safe workspace**.
- **Easily move** to any position with minimal effort.



LEGEND

Hanging Fume Arm

Features



- Continuous 360-degree rotation
- Rugged steel and aluminum construction
- Powder-coated for durability
- Wide spun hood for maximum capture volume
- Smooth articulation
- Tightening levers for hood position locking
- Grab handles for precise positioning
- Temperature rated for -60° F to 275° F
- Includes wall mounting bracket
- Comes fully assembled



1-year warranty for material defects and workmanship is provided from the date of manufacture for all fabricated items.

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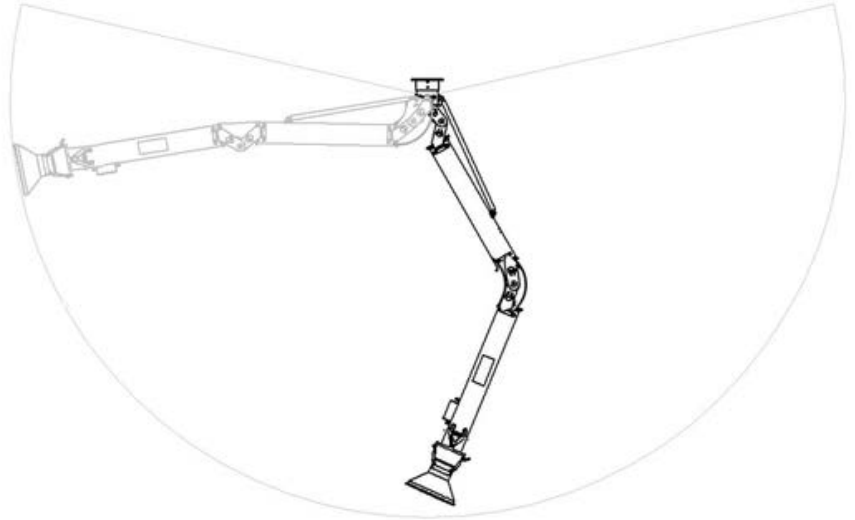


Hanging Fume Arm

Technical Data

- Length: 10'
- Pipe Diameters Available:
6" and 8"
- Hood Opening Diameter
For All Models: 14"

Side View

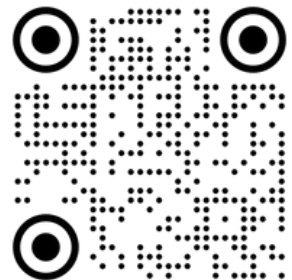
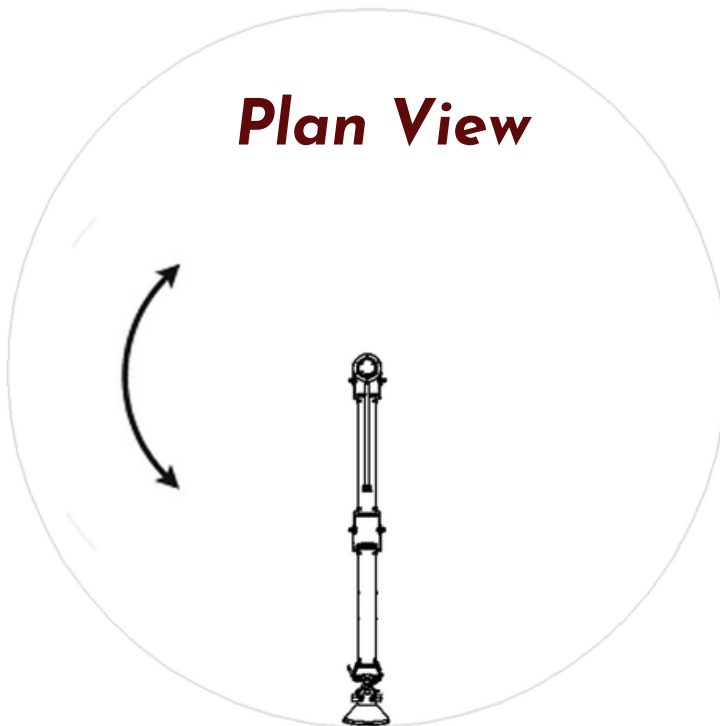


Working Capture Coverage

8ft Arm: 1072 ft³

10ft Arm: 2094 ft³

Plan View



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LEGEND

Inline Separator

6-26 in. Models

Woodworking | Plastics | Dry Dusts

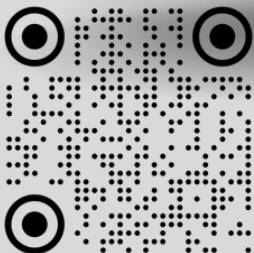
Features

- Patent-pending technology
- Rugged steel construction
- Powder coated for durability
- Complete your system with Legend APC sealed self-dumping hoppers or closed-canister barrels
- Made in the USA



Applications

- Ideal for woodworking, plastics, & other dry dusts
- Not recommended for sanding applications



This **efficient pre-separator** captures larger particles before they reach the dust collector, reducing system load.

- **No Moving Parts:**
Minimal maintenance with no parts to wear out or replace.
- **Reduced Air Velocity & Centrifugal Force:**
Uses centrifugal force and air velocity to separate the material.
- **Fewer Stoppages:**
Reduces the need to empty discharge bags, barrels, or hoppers, increasing uptime.
- **Flexible Sizing:**
Available in diameters from 6-26 in., suiting multiple systems.

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Legend Inline Separator: **A game-changer for your waste collection.**

The Legend Inline Separator:

- For new or existing systems



- Removes up to **90%*** of waste prior to the collector
- Reduces bag emptying, increasing shop **efficiency**
- **Extends your filter life**
- No additional fan needed
- **Easy** install

**depending on materials*



Without Our Inline Separators



RIP John P. Wood,

who could
**NOT MANAGE
the WASTE**



Our competition are not
nearly as efficient, ultimately:

- **Wasting** workers' time
- **Wasting** workers' energy
- **Wasting** money

See what our customers say:

"Incorporating an inline separator to our dust systems has been a **production saver**. We are getting a 2:1 ratio of pre-filtering and 3 full yards of waste between stoppages to empty! It's been a fantastic product addition to our portfolio."

-A Dust Collection Customer

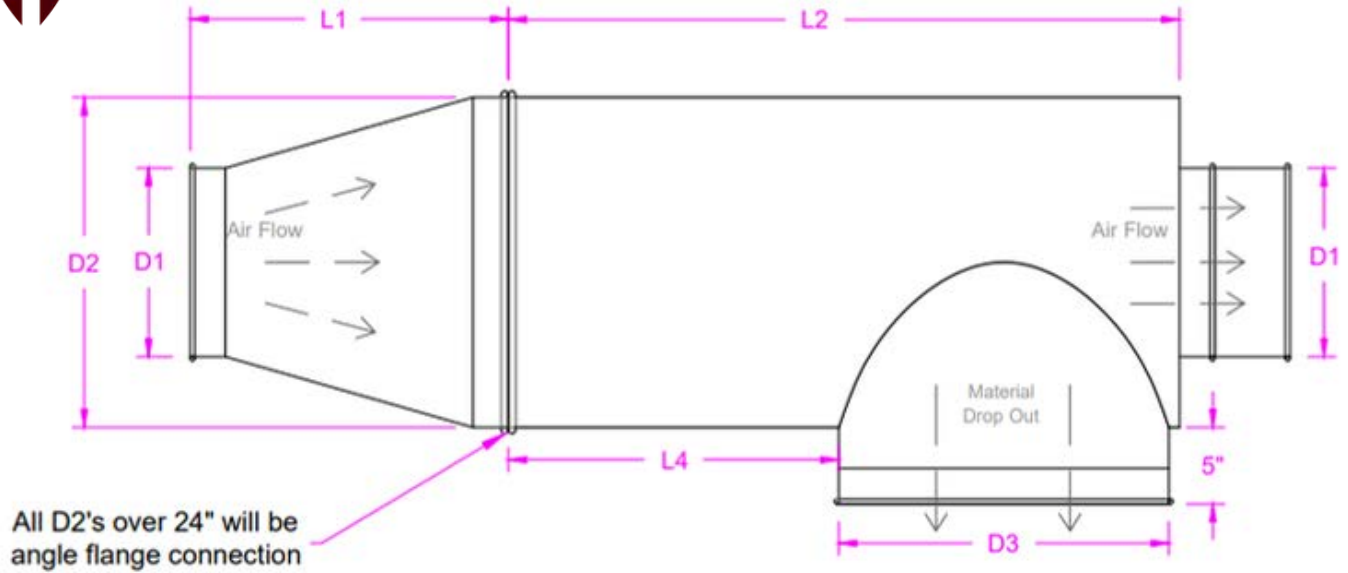
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LEGEND

APC



Model	Inlet Size	OD of Body	Drop Out	Inlet Reducer	Body	OAL	Drop Out Offset
	D1	D2	D3	L1	L2	L3	L4
6"	6	14	14	13.6	29	42.6	14
7"	7	18	18	16.8	37	53.8	18
8"	8	18	18	16.8	37	53.8	18
9"	9	22	22	20	45	65	22
10"	10	22	22	20	45	65	22
12"	12	26	24	23.2	52	75.2	25
14"	14	32	24	26.4	56	82.4	31
16"	16	35	24	29.6	59	85.4	34
18"	18	39	24	32.8	63	92.6	38
20"	20	46	24	36	66	98.8	41
22"	22	49	24	39.2	69	105	44
24"	24	53	24	42.4	73	112.2	48
26"	26	56	24	45.6	77	119.4	52

We can modify the separator cone and body based off your needs if we need to incorporate larger materials.

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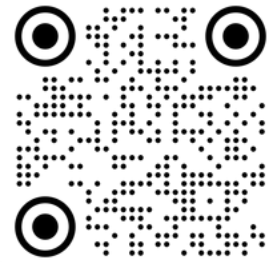
LEGEND

Baghouse Collector

LOBH-5 Model

Woodworking | Plastics | Dry Dusts

Open Baghouse,
Baghouse + QC Hopper



Specifications

Performance Specifications

- Airflow Capacity: 2,000–3,000 CFM
- Static Pressure Drop:
 - 6.1 in. w.g. at 2,000 CFM
 - 5.0 in. w.g. at 3,000 CFM

Physical Dimensions & Weight

- Overall Footprint: 47" W × 80" L
- Overall Height: 107"
- Height to Center of Inlet: 55.22"
- Shipping Weight: 900 lbs

Dust Collection & Storage

1. Bag Capacity:

- 30–40 gallons per bag
- 30–35 gallons per discharge barrel
- Inlet & Discharge Configuration
- Inlet Diameter: 12" Rolled Lip
- Discharge Ports: Two 18" Drop-Out Collars

2. Barrel Capacity:

- Barrel Size: 18" Diameter × 32" Height (2 in quantity)
- Empty Barrel Weight: 40 lbs

Motor & Electrical

- Motor Type: Toshiba
- Available Horsepower Options: 5HP

Voltage & Phase:

- Pre-wired for 480 VAC, 3-Phase
- Optional 240 VAC, 3-Phase
- Power Connection: 4 Bare Wires (Three Hot & Ground)

Fan & Impeller

- Impeller Type: BIMS (Backwards-Inclined)
- Impeller Diameter: 20"

Noise Levels

- 70 dB at 10 feet
- 78 dB at 0 feet

Filtration System

- Filter Media: Carbon yarn knitted into fabric to protect against static buildup
- Air Permeability: 23–35 CFM per sq. ft. (±5 CFM)
- Total Filtration Area: 163 sq. ft.

Construction & Finish

- Assembly: Laser-cut, bolted construction
- Standard Color: Maroon
- Custom Branding: White labeling available upon request

1-year warranty for material defects and workmanship is provided from the date of manufacture for all fabricated items.

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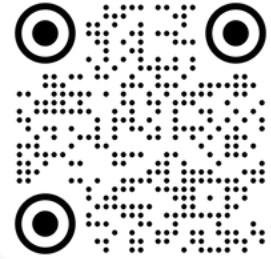
LEGEND

Baghouse Collector

LOBH-7.5 Model

Woodworking | Plastics | Dry Dusts

Open Baghouse,
Baghouse + QC Hopper



Specifications

Performance Specifications

- Airflow Capacity: 4,000–4,500 CFM
- Static Pressure Drop:
 - 6.5 in. w.g. at 4,000 CFM
 - 6.0 in. w.g. at 4,500 CFM
- Pressure required for the QC Hopper: 90 psi

Physical Dimensions & Weight

- Overall Footprint: 47" W × 105" L
- Overall Height: 107"
- Height to Center of Inlet: 55.4"
- Shipping Weight: 1,200 lbs

Dust Collection & Storage

- Quick Change Hopper with auto shaker
- Quick Change Hopper Capacity: 1.02 cubic yards
- Bag Capacity(Optional):
 - 30–40 gallons per bag
 - 30–35 gallons per discharge barrel
- Barrel Size(Optional): 18" Diameter × 32" Height (3 in quantity)
- Empty Barrel Weight: 40 lbs

Inlet & Discharge Configuration

- Inlet Diameter: 14" Rolled Lip
- Discharge Ports: Three 18" Drop-Out Collars

Motor & Electrical

- Motor Type: Toshiba
- Available Horsepower Options: 7.5/10HP
- Voltage & Phase:
 - Pre-wired for 480 VAC, 3-Phase
 - Optional 240 VAC, 3-Phase
- Power Connection: 4 Bare Wires (Three Hot & Ground)

Fan & Impeller

- Impeller Type: Paddle Wheel Design (Industrial Flat Backplate)
- Impeller Diameter: 22.25"

Noise Levels

- 70 dB at 10 feet
- 78 dB at 0 feet

Filtration System

- Filter Media: Carbon yarn knitted into fabric to protect against static buildup
- Air Permeability: 23–35 CFM per sq. ft. (±5 CFM)
- Total Filtration Area: 245 sq. ft.

Construction & Finish

- Assembly: Laser-cut, bolted construction
- Standard Color: Maroon
- Custom Branding: White labeling available upon request

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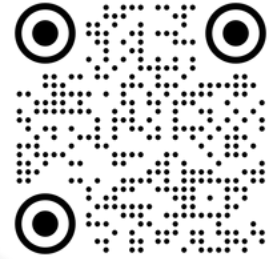
LEGEND

Baghouse Collector

LOBH-15 Model

Woodworking | Plastics | Dry Dusts

Open Baghouse,
Baghouse + QC Hopper



Specifications

Performance Specifications

- Airflow Capacity: 4,000–5,000 CFM
- Static Pressure Drop:
 - 10.0 in. w.g. at 5,000 CFM
 - 10.7 in. w.g. at 4,000 CFM
- Pressure required for the QC Hopper: 90 psi

Physical Dimensions & Weight

- Overall Footprint: 58" W × 117" L
- Overall Height: 130"
- Height to Center of Inlet: 45"
- Shipping Weight: 1,200 lbs

Dust Collection & Storage

- Quick Change Hopper with auto shaker
- Quick Change Hopper Capacity: 1.02 cubic yards
- Bag Capacity(Option):
 - 30–40 gallons per bag
 - 30–35 gallons per discharge barrel
- Barrel Size(Option): 18" Diameter × 32" Height (3 in quantity)
- Empty Barrel Weight: 40 lbs

Inlet & Discharge Configuration

- Inlet Diameter: 16" Rolled Lip
- Discharge Ports: Three 18" Drop-Out Collars

Motor & Electrical

- Motor Type: Baldor Industrial Motor
- Available Horsepower Options: 15HP
- Voltage & Phase:
 - Pre-wired for 480 VAC, 3-Phase
 - Optional 240 VAC, 3-Phase
- Power Connection: 4 Bare Wires (Three Hot & Ground)

Fan & Impeller

- Impeller Type: Paddle Wheel Design (Industrial Flat Backplate)
- Impeller Diameter: 26.1"

Noise Levels

- 70 dB at 10 feet
- 78 dB at 0 feet

Filtration System

- Filter Media: Carbon yarn knitted into fabric to protect against static buildup
- Air Permeability: 23–35 CFM per sq. ft. (±5 CFM)
- Total Filtration Area: 347 sq. ft.

Construction & Finish

- Assembly: Laser-cut, bolted construction
- Standard Color: Maroon
- Custom Branding: White labeling available upon request

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Legend Baghouse Collector: A game-changer for your industrial application.

The Legend Baghouse Collector:

- Is **efficient** & can save you up to **15 days'** production time in time it takes to change bags/barrels
- Saves you money
- Easy to install



Our Competitor's Baghouse Collectors

Our competition force your workers to constantly change one bag or barrel out due to uneven waste distribution, causing you to:

- Waste your workers' time & energy
- Waste your money



This is obviously our baghouse, but with the waste bags intentionally filled to show how our competitors' inefficient baghouses work

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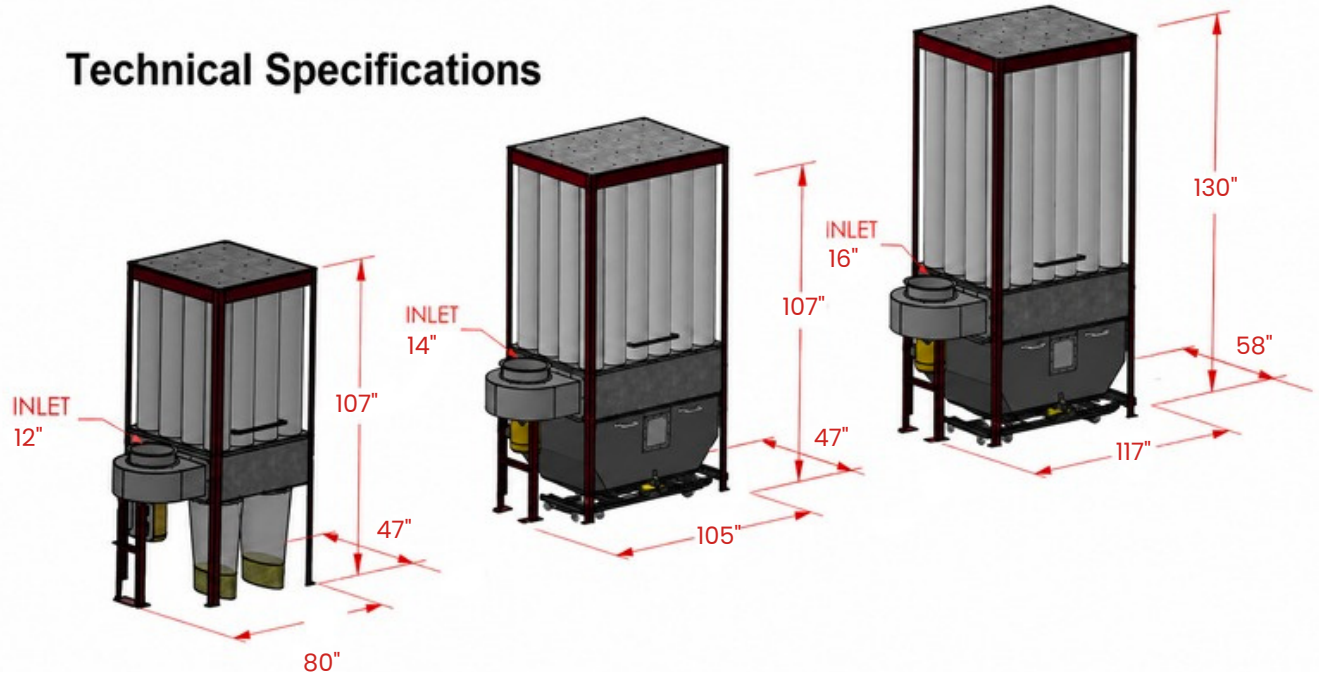


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Baghouse Collectors

LOBH-5 / LOBH-7.5 / LOBH-15 Models

Technical Specifications



SKU	Airflow	Pressure	Motor	Filtration Area	Filter Bags	Discharge Ports	Shipping	Footprint	Height
	CFM	WG"	HP	ft²	Count		lbs.	in.	in.
LOBH-5	2000	6.1	5	163	16	2 @ 18"	900	47x80	107
	3000	5							
LOBH-7.5	4000	6.5	7.5/10	245	24	3 @ 18"	1200	47x105	107
	4500	6							
LOBH-15	4000	10.7	15	347	24	3 @ 18"	1200	58x117	130
	5000	10							

Discharge Options



Bags



Barrels



Portable Fume Extractors

Features



- Included Fume Arm with easy **360-degree continuous rotation** and sturdy position-locking mechanism
- Rugged steel construction
- Powder-coated finish for durability
- Heavy-duty casters
- Innovative spark box to prevent embers from reaching the filter
- Fan with 1.5 HP, 20 amp single-phase motor
- Clean out tray
- 10' power cord

Optional Advanced Models

- **Self-Cleaning Fume Extractor:** An onboard compressed air tank provides push-button pulse jet cleaning for longer filter life (90 PSI from external source required).
- **HEPA Fume Extractor:** Our Self-Cleaning Fume Extractor with a bonus HEPA after filter. Recommended when welding materials that contain chromium, nickel or other highly toxic or regulated substances.

Technical Data

- Capture Hood: 14" diameter spun aluminum
- Cartridge filter: 184 ft² of 80/20 Cellulose Polyester
- HEPA: Removes 99.97% of particles that are 0.3 microns or larger in diameter
- Airflow: 1200 CFM
- Power Requirements: 120V
- Floor space requirements: 35" x 24"
- Body Height: 33" tall
- Weight: 300lbs-325 lbs, based on model



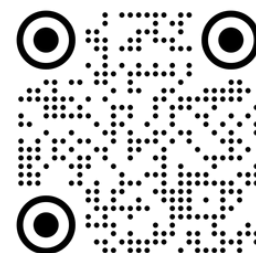
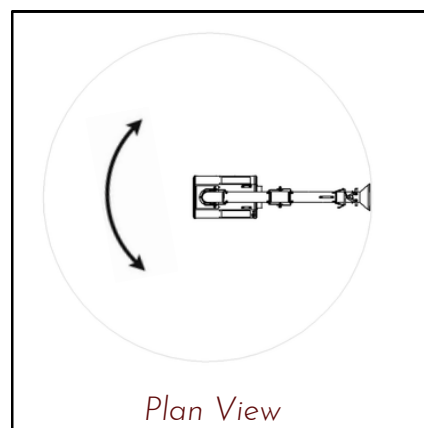
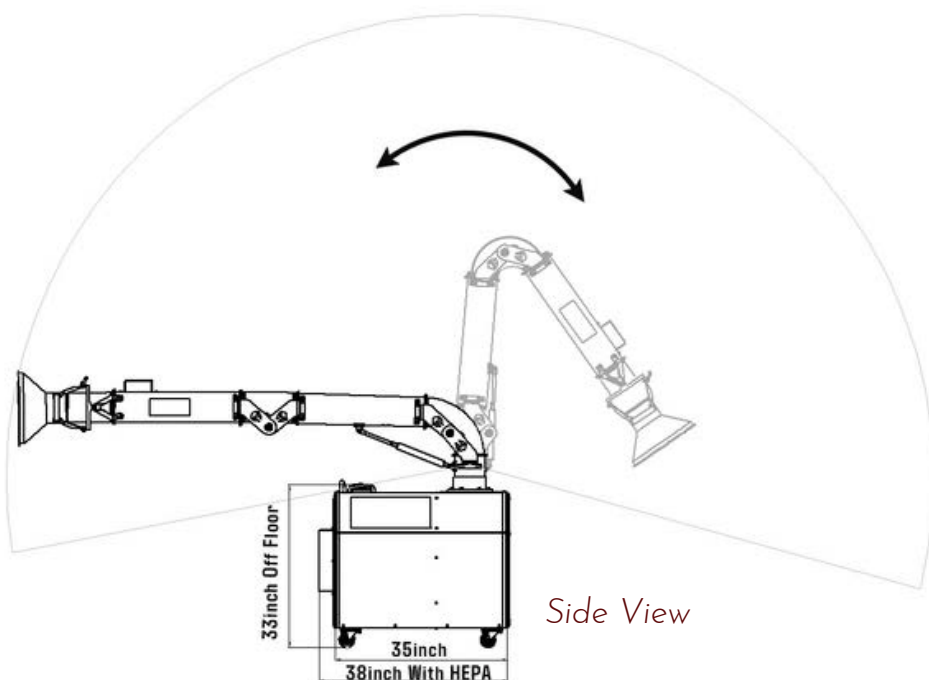
*HEPA model featured

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SKU	Arm Diameter	Arm Length	Working Capture Coverage	Cleaning Tank	HEPA Filter
LFB6-8	6 inch	8 ft	1072 ft ³		
LFB6-10	6 inch	10 ft	2094 ft ³		
LFB8-8	8 inch	8 ft	1072 ft ³		
LFB8-10	8 inch	10 ft	2094 ft ³		
LFB6C-8	6 inch	8 ft	1072 ft ³	✓	
LFB6C-10	6 inch	10 ft	2094 ft ³	✓	
LFB8C-8	8 inch	8 ft	1072 ft ³	✓	
LFB8C-10	8 inch	10 ft	2094 ft ³	✓	
LFB6H-8	6 inch	8 ft	1072 ft ³	✓	✓
LFB6H-10	6 inch	10 ft	2094 ft ³	✓	✓
LFB8H-8	8 inch	8 ft	1072 ft ³	✓	✓
LFB8H-10	8 inch	10 ft	2094 ft ³	✓	✓



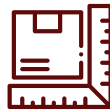
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- Built with rugged steel for **years of service**
- Used to discharge metered dust and material
- Maintains the static pressure differential inside a dust collector or cyclone
- Available in multiple inlet sizes

Industrial Rotary Airlock

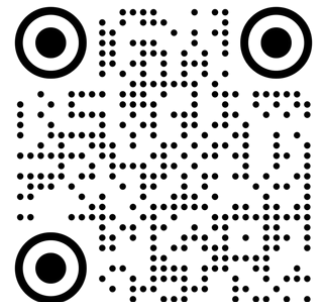
Features & Technical Data



- 3/8" steel sidewalls
- Heavy-duty, 10-gauge steel body
- 1 15/16" steel shaft
- 2 HP motor
- 230/460 voltage
- 4-6 durable rubber sweeps for sealing
- Available in four sizes to fit most openings

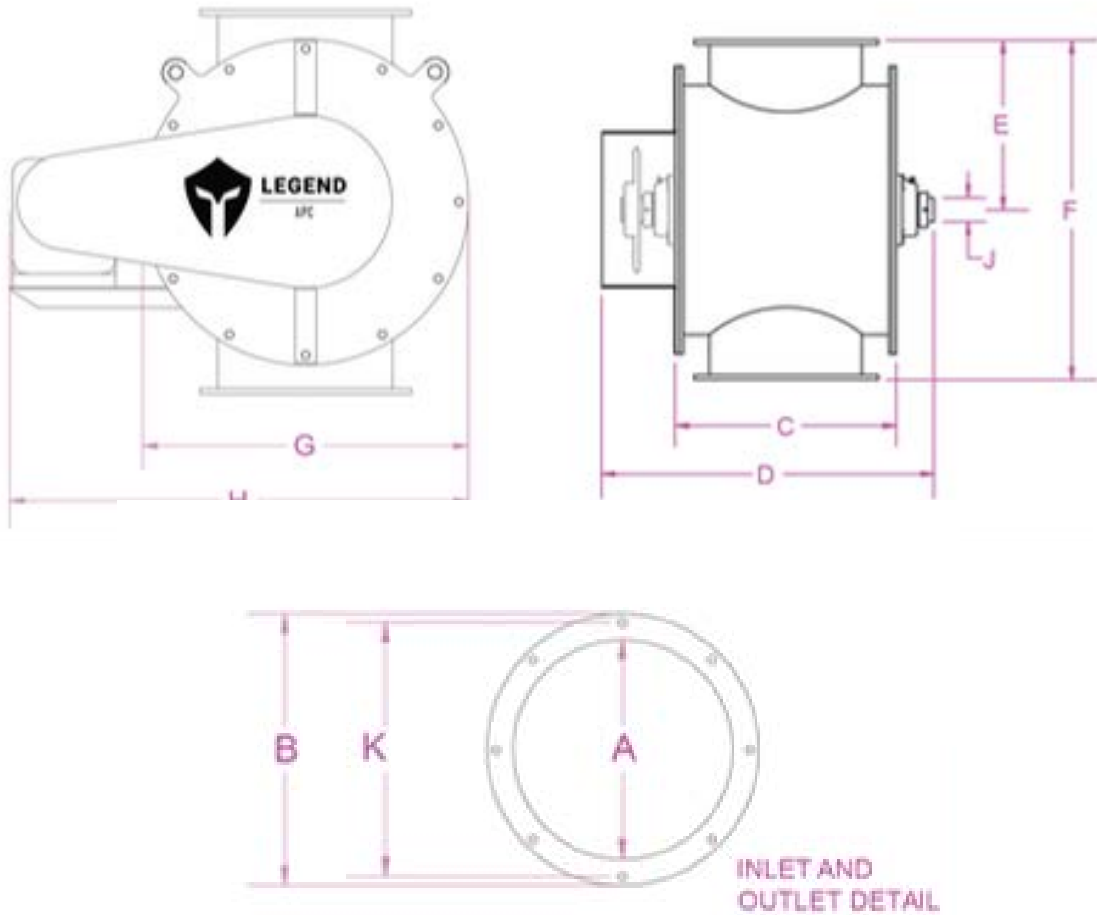
Applications

- Material handling and dust collection systems, industrial processing, & waste management



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Rotary Airlock																
A=Size	B	C	D	E	F	G	H	J	K		Motor HP	Voltage	No. of Vanes	RPM	Cubic Ft. / Rev	WT
									Bolt Hole Ctr	# of holes						
*8"	10 1/8	14	23 1/8	13 5/8	*30 3/4	23	33 1/4	1 15/16	9 9/16	6 @ 7/16	2	230/460	4	28	1.85	400 lb.
10"	13 1/8	14	23 1/8	13 5/8	27 1/4	23	33 1/4	1 15/16	11 13/16	6 @ 7/16	2	230/460	4	28	1.85	400 lb.
12"	15 1/8	16	24 3/8	13 5/8	27 1/4	23	33 1/4	1 15/16	14	6 @ 7/16	2	230/460	4	28	2.75	410 lb.
14"	17 1/8	18	26 7/8	13 5/8	27 1/4	23	33 1/4	1 15/16	16	6 @ 7/16	2	230/460	6	28	3	470 lb.

*Special note on the 8", it will have flange to flange adapters on a 10" air lock.

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The Legend APC Self Dumping Hoppers are **built to last** with rugged 10-gauge steel and a durable powder-coated finish.

Perfect for:

- Industrial factory settings
- Commercial properties
- Medical facilities
- Agriculture applications
- Construction
- Demolition



Self-Dumping Hopper

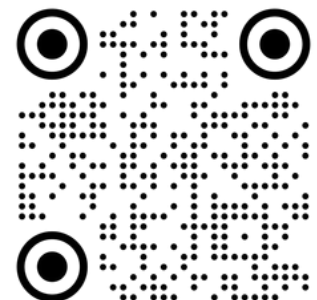
Woodworking | Construction | Agriculture

Features



- Built with rugged 10-gauge steel
- Multiple capacities available
- Powder coated for durability
- Safety lock latch
- Drain plug

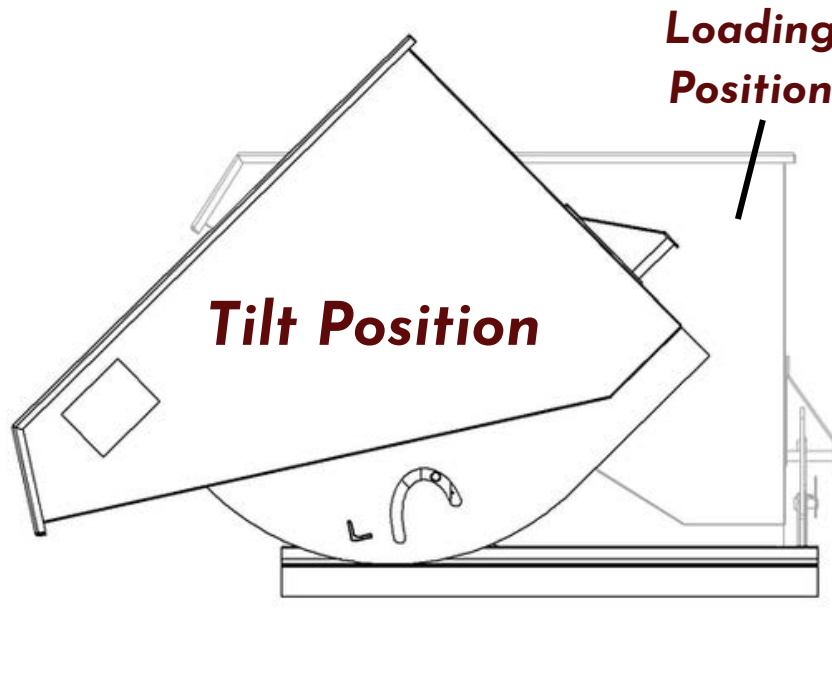
Capacity	Size	Weight	Max Load
.75 yd ³	39" wide 57" long 38" tall	475 lbs	4000 lbs
1.4 yd ³	43" wide 56" long 48" tall	590 lbs	5500 lbs
2.2 yd ³	75" wide 65" long 45" tall	715 lbs	6000 lbs



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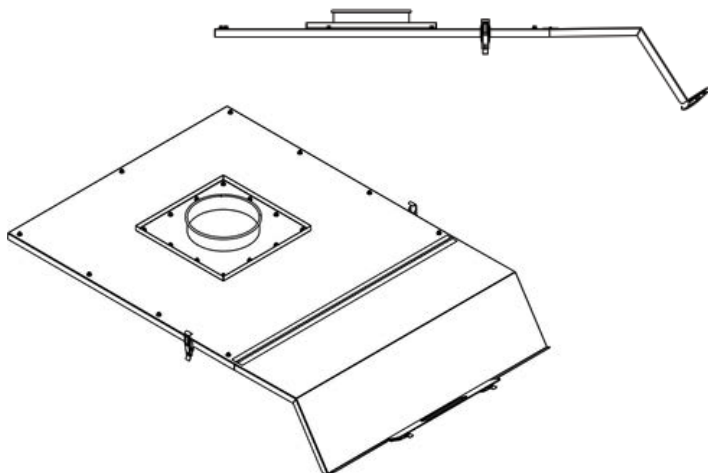
Self-Dumping Hopper



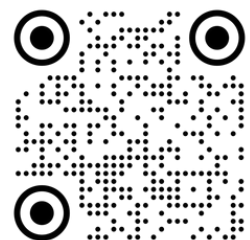
*Only load self-dumping hoppers when locked in the loading position

Optional Sealing Lid

- Available for all sizes of hopper
- Creates an enclosed, sealed receptacle for dust and other particulate
- Lid-to-ductwork opening is available in 4" to 18" diameters



Watch how it works:



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LEGEND

Quick-Change Hopper

Woodworking | Metalworking

The Legend Quick-Change Hoppers create a **sure seal** against the Legend Baghouse, optimized for **XL waste capacity**.

Perfect for:

- Industrial factory settings
- Metalworking
- Wood shops

For use with the 10 & 15 HP Legend Open Baghouses (shown below)



Say goodbye to changing bags & lost production time.

Features



- The equivalent of **6 baghouse bags** of volume
- Built with rugged 10-gauge steel
- Powder-coated for durability
- Slide door for easy dumping
- Forklift pockets



Capacity

1.02 cu. yds

Size

60" wide
44 1/8" long
33" tall

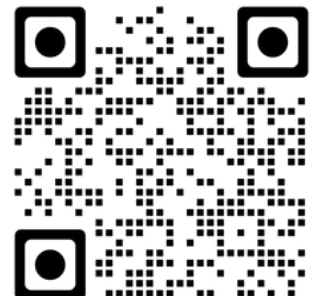
Max Load

up to 1.02 cu. yards

1.25" clearance from top plane of the hopper itself to bottom plane of the baghouse to allow seal clearance and floor deviations.

Min of 90 PSI working pressure; max pressure = 145 PSI

Max temp = -14 to +122° F



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- Tumbles grinding sparks and embers through a torturous path, giving them **time to burn out before exiting**
- **Patented design** where there are **no space requirements** between the spark trap and the dust collector
- Has **proven spark mitigation**, greatly reducing the risk of fire and filter media damage



LEGEND

Spark Trap

Features

- Rugged steel construction
- Powder-coated for durability
- Exclusive, patented, ember-snuffing design
- Tool-free clean-out door
- Optional drop-out kit allows for floor-level emptying
- Can be placed right at the collector
- Minimal pressure drop



Applications

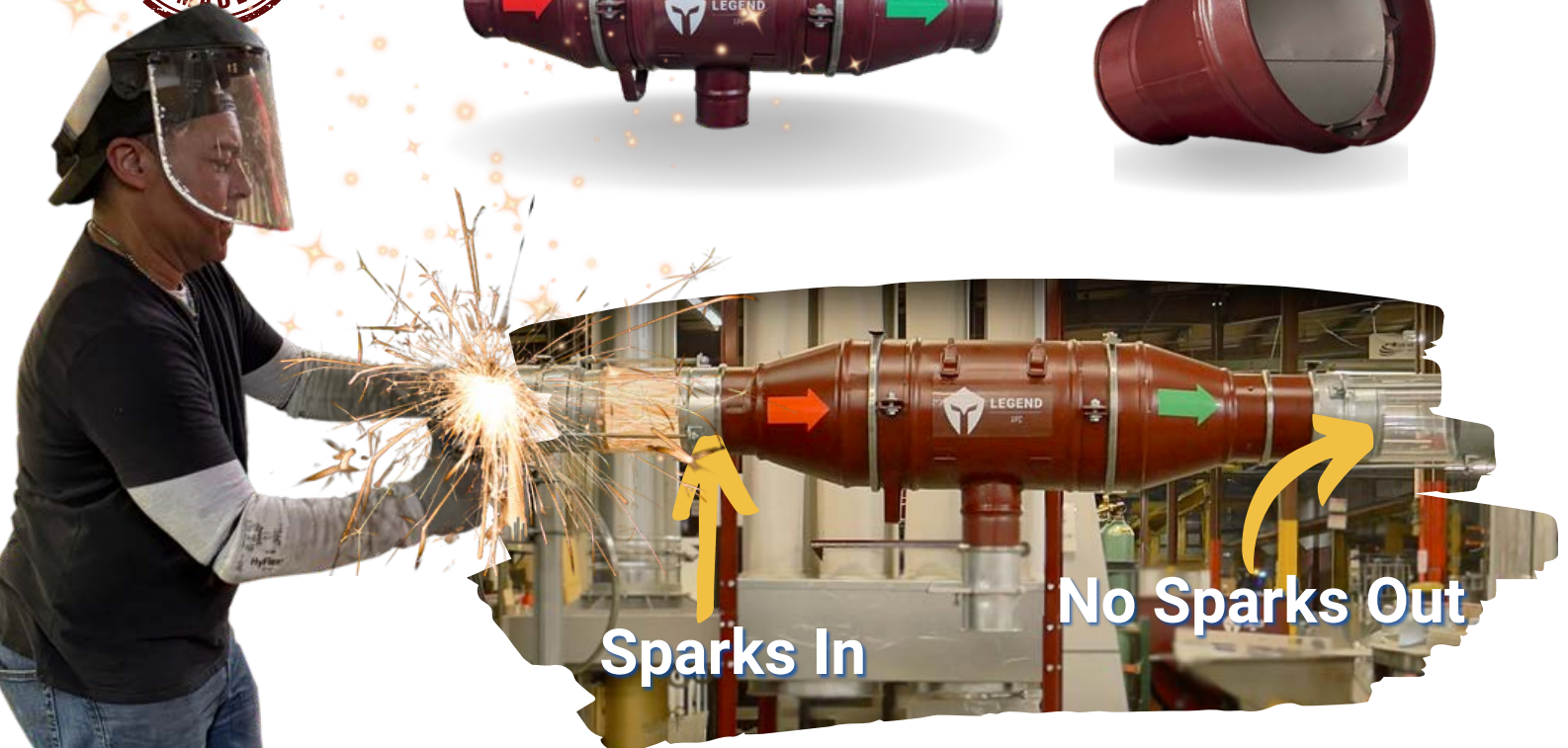
- Recommended for most metal dusts



4" model without reducer shown

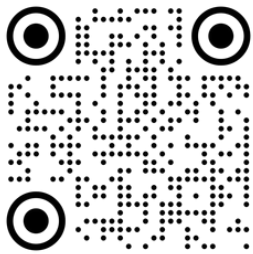


Vortex-producing inlet cone



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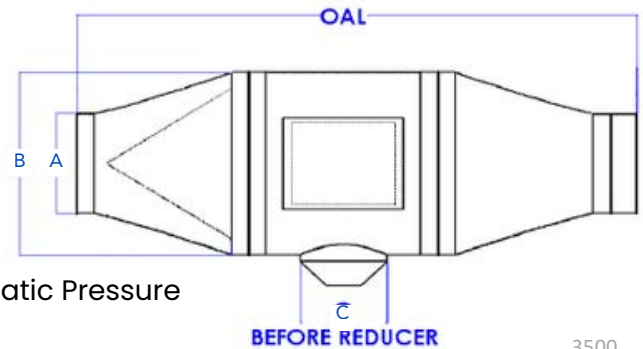
Spark Trap

Technical Data

- Available in 4" to 44" diameter inlets/outlets
- Rolled lip connections on sizes up to 24"
- Flanged connections on sizes above 24"
- Hangers included
- Recommended velocity (FPM): 3000 fpm at 2.1 Static Pressure (WC)

Pressure Drop: 2.5" at 3200 fpm

Pressure Drop: 3.5" at 3500 fpm



3500

	A	B	C	OAL	
SKU	Inlet	Body	Dropout Diameter	Overall Length***	CFM@ 3500 FPM
LSST04.G	4	8	4	40	305
LSST06.G	6	10	4	40	687
LSST08.G	8	14	6*	48	1222
LSST10.G	10	18	8*	56	1303
LSST12.G	12	22	10**	65	2749
LSST14.G	14	24	10**	68	3742
LSST16.G	16	28	10**	77	4887
LSST18.G	18	32	14**	88	6185
LSST20.G	20	34	14**	90	7636
LSST22.G	22	38	14**	100	9239
LSST24.G	24	42	18**	109	10996
LSST26.G	26	46	18**	117	12905
LSST28.G	28	48	18**	121	14966
LSST30.G	30	52	18**	131	17181
LSST32.G	32	56	18**	140	19548
LSST34.G	34	60	18**	150	22068
LSST36.G	36	62	18**	152	24740
LSST38.G	38	66	18**	161	27565
LSST40.G	40	70	18**	169	30543
LSST42.G	42	74	18**	177	33674
LSST44.G	44	76	18**	179	36957

* Includes Reducer to 4" Hose for Collection Barrel

** Includes Reducer to 6" Hose for Collection Barrel

*** Overall length will vary slightly depending on requested end conditions and variations in sotkc items; +/- 1". Length based on average width of connections at 2".

1-year warranty for material defects and workmanship is provided from the date of manufacture for all fabricated items.



LEGEND

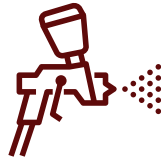
Bad fumes?

- Legend APC Standing Fume Arm quickly **removes fumes** from any sized space.
- Features **360-degree** continuous rotation.
- Locking levers secure the hood in place.
- Ideal for **capturing harmful fumes** from welding, soldering, or light dusts.
- Helps maintain workspace safety.

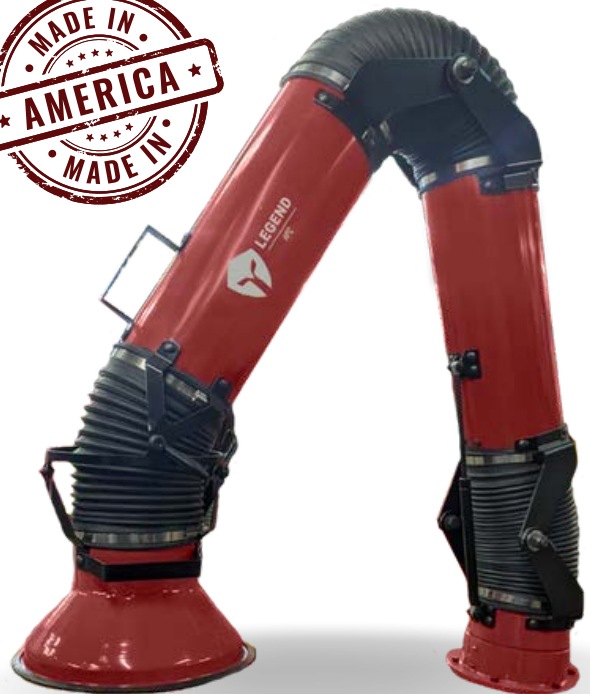


Standing Fume Arm

Features



- Continuous 360-degree rotation
- Rugged steel and aluminum construction
- Powder-coated for durability
- Wide spun hood for maximum capture volume
- Smooth articulation
- Tightening levers for hood position locking
- Grab handles for precise positioning
- Temperature rated for -60° F to 275° F
- Comes fully assembled



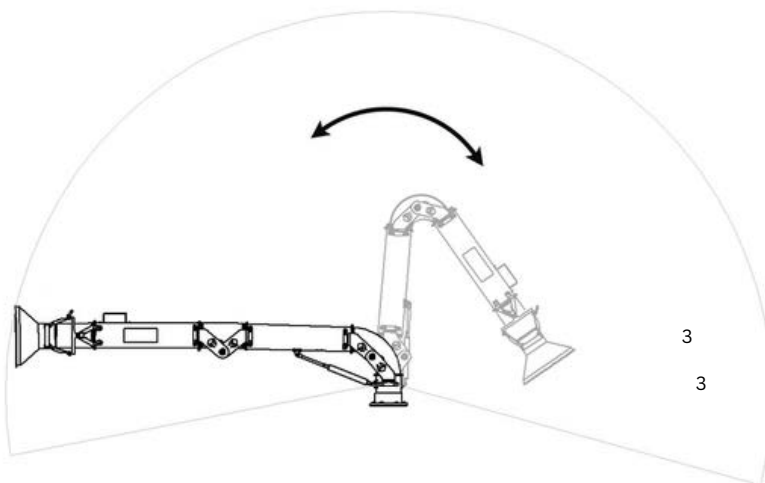
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Technical Data

SKU	Pipe Diameter	Arm Length	Hood Diameter
LFA-6-8	6"	8'	14"
LFA-8-8	8"	8'	14"
LFA-6-10	6"	10'	14"
LFA-8-10	8"	10'	14"

Side View

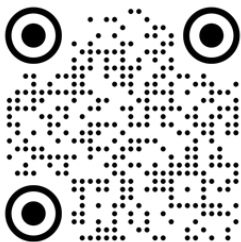
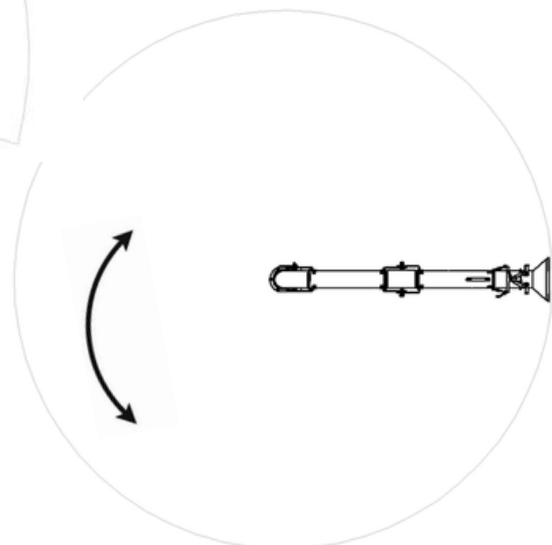


Working Capture Coverage

8ft Arm: 1072 ft

10ft Arm: 2094 ft

Plan View



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