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
- No VFD option available

**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
- No Auto Shaker option available

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

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