# IOWA STATE UNIVERSITY

OF SCIENCE AND TECHNOLOGY

# **Dust Collector**

Description	Dust Collector
Size / Horse power	4" – 6" Hose Connection / 1200 CFM / 2 HP
Power source	115 volt through plugged power cord
Uses	Removal of wood dust from equipment

#### **Safety Precautions**

Hazards	
Flying debris (potential eye and face damage)	
Electrical shock	
Entanglement of hair, jewelry, or clothing	
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#### Training

Shop Safety Fundamentals Site Specific Training

# **Protective Equipment**

Safety Glasses Tie back long hair

Avoid loose fitting clothing

# Operation

#### Startup

- 1. Put on PPE listed above
- 2. Ensure all guards are present and function properly
- 3. Make necessary adjustments for safe operation
- 4. Inspect machine for damage or obstructions to operation
- 5. Turn on by pressing the Start button mounted next to the motor
- 6. Begin work
- 7. Keep hands and personal objects clear of suction surfaces

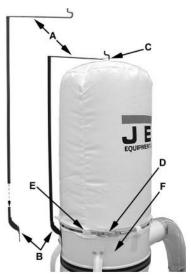
### Shutdown

- 1. Turn off by pressing the Stop button mounted next to the motor
- 2. Allow dust collector to come to a full stop

### Filter Bag Installation

- 1. Place the hanger (A) on the hanger bracket (B)
- 2. Slide the filter bag loop (C) over the hanger hook
- 3. Feed the retainer strap (D) through the loops on the filter bag (E) and fasten to the collector housing (F)





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## Collector Bag Installation

- 1. Insert the ring of the collector bag (A) at an angle into the housing (B) through the opening at the bottom
- 2. Pull down on the bag to make sure it "seats" in the housing
- 3. Position the plastic window in front so that you can view when the collector bag is full



#### Maintenance

Storage	
Care	Clean filter and collector bags frequently
Accessories	