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1/2-hp Dust Collector Instructions

Assembly & Instructions

Remove the dust collector from its packaging and place it on a sturdy and level surface. Plug the unit cordsets into grounded electrical outlets. Never remove or alter the original plugs supplied with the power cords. The dust collector power switch is on the front right-hand side of the unit.

The dust collector cabinet is equipped with one access door that must always be in place when the unit is in use. The door should be removed only when the unit is turned off and the shakedown procedure (described later) is complete. Lift and turn the support latches at the four corners to remove the door.

The dust collector is supplied with two Premount Ports.

Principles of Operation

Air is drawn into the dust collector through inlets on either side of the machine. Contaminated air passes through the 3" flanges on top of the machine and through 14 ultra-weave cotton sateen filter bags in the lower compartment. Larger particles are deflected down into the collecting pan beneath the filter bags. Filtered air is then released through the discharge grill and out the acoustic exhaust silencer.

Equipment Maintenance

The dust collector is equipped with a double-shielded, permanently lubricated ball-bearing motor that requires no maintenance.

Filter Maintenance

Maintenance is required to extend the life and efficiency of the filtration system.

1. Shakedown—Polishing dust accumulates on the outside surface of the filter bags in the lower compartment. Shake down the filter bags daily to dislodge the dust onto the collecting pan located below the bags. Depressing the foot pedal on the lower right side of the cabinet about six times is enough to shake down the bags sufficiently.
Important: The dust collector door must be kept securely in place to keep dust from escaping into the environment.
2. Collecting Pan—The dust in the collecting pan should be removed for disposal or storage once a week.
Important: The unit must be turned off before opening the bottom access door to remove the collecting pan.
3. Schedule—It is difficult to pre-determine a specific maintenance schedule for filter bags. The rate of filter and pan loading will vary for each user. Filter bags should be changed at least every 12 months, and more often if necessary. Use the correct replacement filter to ensure the safe and efficient use of this machine.

Safety

- Keep all fastening hardware, including spindles, tight to ensure that the unit is in safe working condition.
- Always unplug unit from electrical outlet when servicing.
- Never operate unit without access door securely in place.
- Keep all loose clothing, hair or dangling objects away from shafts and buffing wheels.