Owner's Manual & Safety Instructions

Save This Manual Keep this manual for the safety warnings and precautions, assembly, operating, inspection, maintenance and cleaning procedures. Write the product's serial number in the back of the manual (or month and year of purchase if product has no number). Keep this manual and the receipt in a safe and dry place for future reference.

24h

24217A-B

Bauer™

CYCLONE DUST SEPARATOR ATTACHMENT



Visit our website at: https://www.harborfreight.com
Email our technical support at: productsupport@harborfreight.com

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When unpacking, make sure that the product is intact and undamaged. If any parts are missing or broken, please call 1-888-866-5797 as soon as possible.

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No portion of this manual or any artwork contained herein may be reproduced in any shape or form without the express written consent of Harbor Freight Tools.
Diagrams within this manual may not be drawn proportionally. Due to continuing improvements, actual product may differ slightly from the product described herein. Tools required for assembly and service may not be included.

⚠WARNING

Read this material before using this product. Failure to do so can result in serious injury. SAVE THIS MANUAL.

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WARNING SYMBOLS AND DEFINITIONS	
⚠	This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.
⚠DANGER	Indicates a hazardous situation which, if not avoided, will result in death or serious injury.
⚠WARNING	Indicates a hazardous situation which, if not avoided, could result in death or serious injury.
⚠CAUTION	Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.
NOTICE CAUTION	Addresses practices not related to personal injury.

Instructions Pertaining to a Risk of Fire, Electric Shock, or Injury to Persons

IMPORTANT SAFETY INSTRUCTIONS

When using an electrical appliance, basic precautions should always be followed, including the following:

READ ALL INSTRUCTIONS BEFORE USING APPLIANCE.

⚠WARNING

To reduce the risk of fire, electric shock, or injury:

1. **SANDING DUST FROM SURFACE COATINGS CAN SELF-IGNITE**. To prevent serious injury and death from fire, empty Drum when it reaches full indicator and immediately after use. Put dust in a metal can with an airtight lid, and remove dust from premises daily. Keep a fully charged class ABC fire extinguisher in the vicinity of the work area.
2. Do not use for collecting metal grinding/sanding as sparks may ignite material inside of drum.
3. This product not designed to handle flammable dust.
4. Do not introduce sparks or sources of ignition into the product.
5. Do not expose to rain. Store indoors.
6. Do not allow to be used as a toy. Close attention is necessary when used by or near children.
7. Use only as described in the manual. Use only manufacturer's recommended attachments.
8. Do not put any object into openings. Do not use with any opening blocked; keep free of dust, lint, hair, and anything that may reduce air flow.
9. Keep hair, loose clothing, fingers, and all parts of body away from openings and moving parts.
10. Carefully inspect the condition of the Dust Separator parts before use. Check for damaged parts. Do not use and replace any damaged part.
11. Use only identical replacement parts. Use of any other part will void warranty.
12. Use the right part for the job. Do not modify the Dust Separator or use its parts for a purpose for which they were not intended.
13. Stay alert, watch what you are doing and use common sense when operating an appliance. Do not use an appliance while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating appliances may result in serious personal injury.

14. Maintain labels and nameplates on the appliance. These carry important safety information. If unreadable or missing, contact Harbor Freight Tools for a replacement.

15. The warnings, precautions, and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.

SAVE THESE INSTRUCTIONS

Specifications

Inlet	Ø6" without Port; Ø4" with Port
Outlet	Ø6" Max.
Drum Capacity	20 Gallons
Dust Collector Airflow Requirement	750 - 2300 CFM
Dust Collector Power Requirement	1.5 - 3 HP

Setup - Before Use:

Read the <u>ENTIRE</u> IMPORTANT SAFETY INFORMATION section at the beginning of this manual including all text under subheadings therein before set up or use of this product.

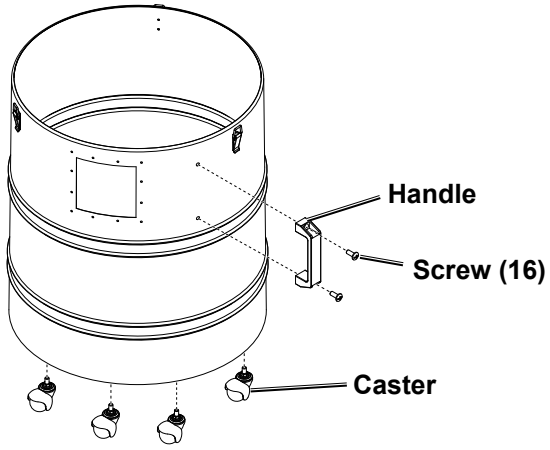
⚠WARNING

TO PREVENT SERIOUS INJURY FROM ACCIDENTAL OPERATION:
Turn the Power Switch of the appliance off before performing any procedure in this section.

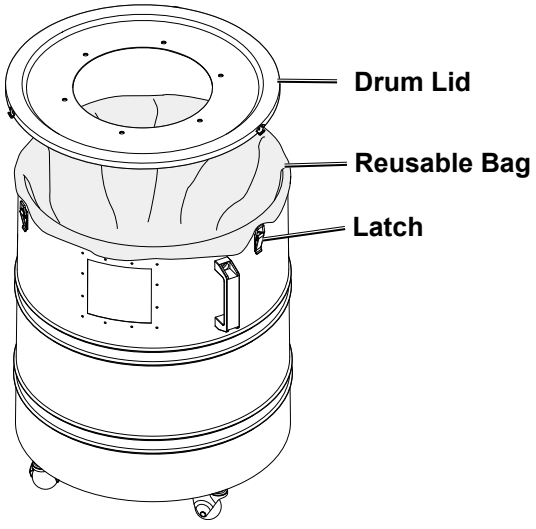
<u>Note:</u> For additional information regarding the parts listed in the following pages, refer to the Parts List near the end of this manual.

Assembly

1. Install four Casters onto bottom of Drum.
2. Install Handle onto Drum using two Flat Head Screws (16).

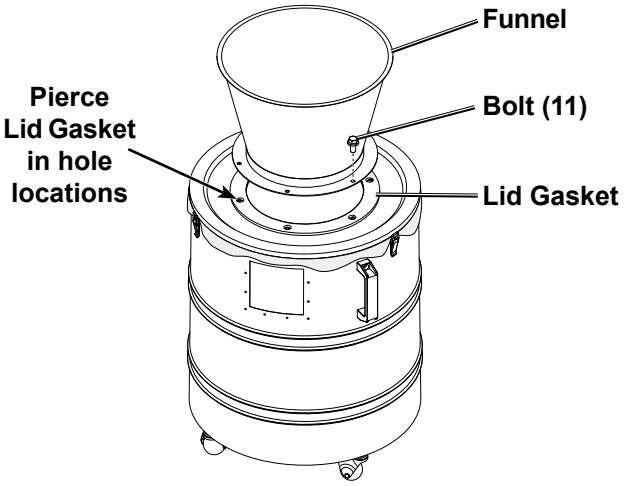


3. Place Reusable Bag into Drum, draping edge over Drum opening. Place Drum Lid on Drum, capturing Bag edge and secure Latches. Do not cover latches with Bag.

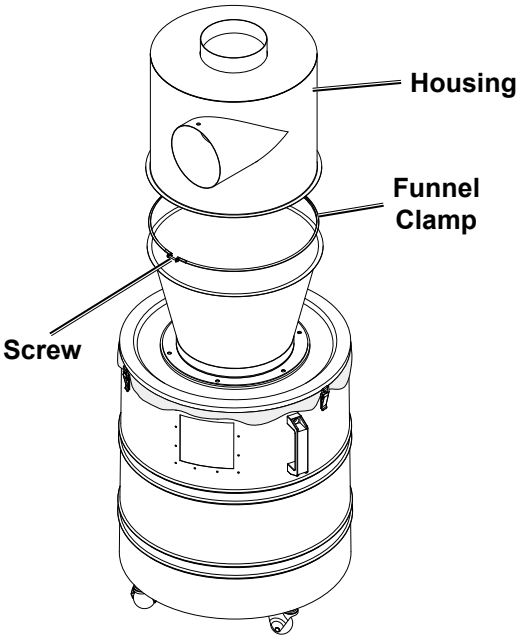


4. Remove adhesive backing from Lid Gasket. Carefully apply Gasket around opening. Pierce Gasket in hole locations.

5. Align holes between Funnel and Drum Lid, secure with six Flange Bolts (11), tightening securely.



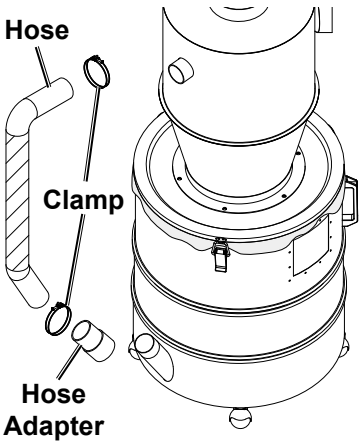
6. Loosen Screw and place Funnel Clamp around Funnel. Attach Housing to Funnel with Funnel Clamp. Tighten Screw securely.



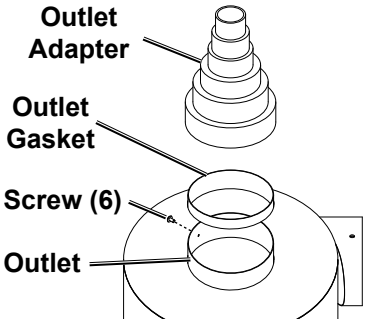
7. Insert Hose Adapter into Hose and Secure with Clamp.

8. Install Hose Adapter onto Drum. Install Hose onto Housing and secure with Clamp.

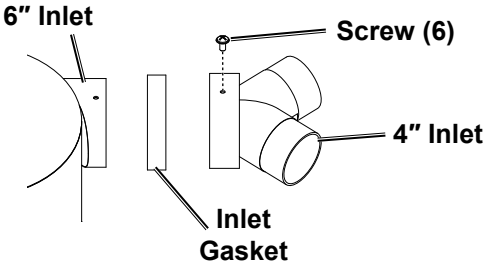
Note: The hose creates a vacuum inside the Drum to hold the Reusable Bag in place.



9. Place Outlet Gasket on Outlet, then install Outlet Adapter onto Housing using Screw (6).



10. Place Inlet Gasket on 6″ Inlet, then install 4″ Inlet using Screw (6). Skip this step if using 6″ hose.



11. Use the largest possible diameter dust hose (sold separately). Remove smaller steps on Outlet Adapter.

Note: Only use with Dust collector with 1.5HP minimum.

12. Attach dust hose from dust collector inlet to Separator Outlet.

13. Attach dust hose(s) (sold separately) from machine (sold separately) output(s) to Separator Inlet(s). Cap second Inlet if not used.

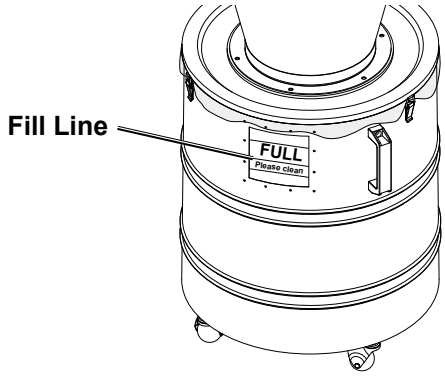
Work Area Setup

1. The work area must not allow access by children or pets to prevent distraction and injury.
2. There must not be hazardous objects, such as utility lines or foreign, sharp or hot objects nearby that will present a hazard while working.

Operating Instructions

WARNING! SANDING DUST FROM SURFACE COATINGS CAN SELF-IGNITE. To prevent serious injury and death from fire, empty Drum when it reaches full indicator. Keep a fully charged class ABC fire extinguisher in the vicinity of the work area.

1. Turn on dust collector, then turn on machine(s).
2. Monitor Drum window frequently to prevent excessive dust buildup. Empty when dust reaches FULL indicator. **Do not overfill Bag.** Overfilling may clog the dust collector filter.



3. When finished, turn off connected machine(s) and dust collector.

WARNING! TO PREVENT SERIOUS INJURY: Wear ANSI-approved safety goggles and NIOSH-approved dust mask when emptying drum.

4. Unlatch and remove Drum Lid. To contain dust, close and securely tie bag then dispose of drum contents properly.
5. Clean and store Dust Separator according to *Cleaning and Maintenance on page 6*.

Procedures not specifically explained in this manual must be performed only by a qualified technician.

⚠WARNING

TO PREVENT SERIOUS INJURY FROM ACCIDENTAL OPERATION:
Turn the Power Switch of the appliance off before performing any procedure in this section.

TO PREVENT SERIOUS INJURY FROM APPLIANCE FAILURE:
Do not use damaged equipment. If abnormal noise or vibration occurs, have the problem corrected before further use.

Cleaning and Maintenance

1. **BEFORE EACH USE,** inspect the general condition of the tool. Check for:
   - loose hardware,
   - misalignment or binding of moving parts,
   - cracked or broken parts,
   - any other condition that may affect its safe operation.
2. **AFTER USE,** wipe external surfaces of the tool with clean cloth. Store in an indoor dry area out of reach of children.
3. Periodically tighten hose clamps and connections.
4. Wear ANSI-approved safety goggles and NIOSH-approved dust mask when emptying drum.

Record Product's Serial Number Here:_____

Note: If product has no serial number, record month and year of purchase instead.

Note: Some parts are listed and shown for illustration purposes only, and are not available individually as replacement parts. Specify UPC 193175514707 when ordering parts.

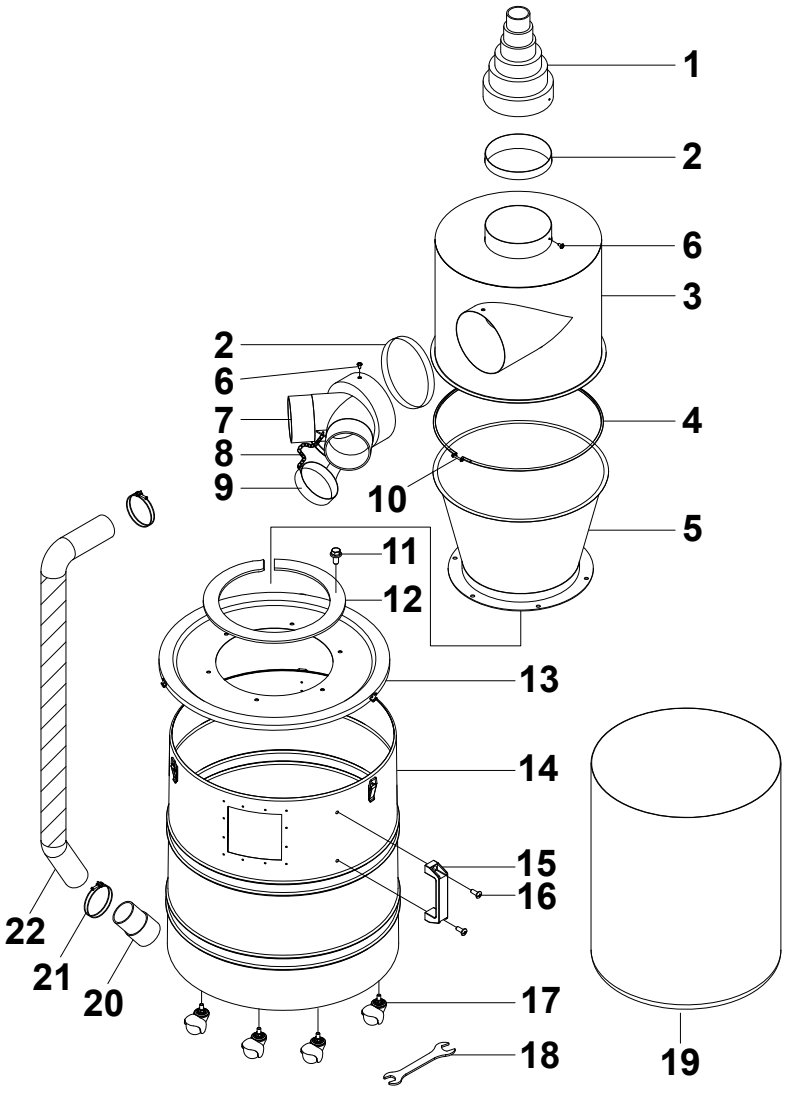
PLEASE READ THE FOLLOWING CAREFULLY

THE MANUFACTURER AND/OR DISTRIBUTOR HAS PROVIDED THE PARTS LIST AND ASSEMBLY DIAGRAM IN THIS MANUAL AS A REFERENCE TOOL ONLY. NEITHER THE MANUFACTURER OR DISTRIBUTOR MAKES ANY REPRESENTATION OR WARRANTY OF ANY KIND TO THE BUYER THAT HE OR SHE IS QUALIFIED TO MAKE ANY REPAIRS TO THE PRODUCT, OR THAT HE OR SHE IS QUALIFIED TO REPLACE ANY PARTS OF THE PRODUCT. IN FACT, THE MANUFACTURER AND/OR DISTRIBUTOR EXPRESSLY STATES THAT ALL REPAIRS AND PARTS REPLACEMENTS SHOULD BE UNDERTAKEN BY CERTIFIED AND LICENSED TECHNICIANS, AND NOT BY THE BUYER. THE BUYER ASSUMES ALL RISK AND LIABILITY ARISING OUT OF HIS OR HER REPAIRS TO THE ORIGINAL PRODUCT OR REPLACEMENT PARTS THERETO, OR ARISING OUT OF HIS OR HER INSTALLATION OF REPLACEMENT PARTS THERETO.

Parts List and Diagram

Part	Description	Qty
1	Outlet Adapter	1
2	Inlet/Outlet Gasket	2
3	Housing	1
4	Funnel Clamp	1
5	Funnel	1
6	Screw 3/16" x 3/8"	2
7	Inlet Port 6" x 4"	1
8	Chain	1
9	Cap 4″	1
10	Hex Head Screw 1/4" x 1-1/2"	1
11	Flange Bolt 5/16" x 3/4"	6

Part	Description	Qty
12	Lid Gasket	1
13	Drum Lid	1
14	Drum	1
15	Handle	1
16	Flat Head Screw 1/4" x 1/2"	2
17	Caster	4
18	Wrench	1
19	Reusable Bag	1
20	Hose Adapter	1
21	Hose Clamp 2"	2
22	Hose 2" x 39"	1



Limited 90 Day Warranty

Harbor Freight Tools Co. makes every effort to assure that its products meet high quality and durability standards, and warrants to the original purchaser that this product is free from defects in materials and workmanship for the period of 90 days from the date of purchase. This warranty does not apply to damage due directly or indirectly, to misuse, abuse, negligence or accidents, repairs or alterations outside our facilities, criminal activity, improper installation, normal wear and tear, or to lack of maintenance. We shall in no event be liable for death, injuries to persons or property, or for incidental, contingent, special or consequential damages arising from the use of our product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation of exclusion may not apply to you. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS.

To take advantage of this warranty, the product or part must be returned to us with transportation charges prepaid. Proof of purchase date and an explanation of the complaint must accompany the merchandise. If our inspection verifies the defect, we will either repair or replace the product at our election or we may elect to refund the purchase price if we cannot readily and quickly provide you with a replacement. We will return repaired products at our expense, but if we determine there is no defect, or that the defect resulted from causes not within the scope of our warranty, then you must bear the cost of returning the product.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

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