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 Date Code 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. 25g

CENTRAL™ MACHINERY

2 HP DUST COLLECTOR



59726

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

When unpacking, make sure that the product is intact and undamaged. If any parts are missing or broken, please call 1-800-444-3353 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.

Table of Contents

Safety 2
Specifications 4
Setup 5
Operation 8
Maintenance 9
Parts List and Diagram 10
Warranty 12

SAFETY

SETUP

OPERATION

MAINTENANCE

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 THIS APPLIANCE.

⚠ WARNING

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

1. Do not leave appliance when plugged in. Unplug from outlet when not in use and before servicing.
2. Do not use outdoors or on wet surfaces.
3. Do not allow to be used as a toy. Close attention is necessary when used by or near children.
4. Use only as described in this manual. Use only manufacturer's recommended attachments.
5. Do not use with damaged cord or plug. If appliance is not working as it should, has been dropped, damaged, left outdoors, or dropped into water, return it to a service center.
6. Do not pull or carry by cord, use cord as a handle, close a door on cord, or pull cord around sharp edges or corners. Do not run appliance over cord. Keep cord away from heated surfaces.
7. Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.
8. Do not handle plug or appliance with wet hands.
9. 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.
10. Keep hair, loose clothing, fingers, and all parts of body away from openings and moving parts.
11. Turn off all controls before unplugging.
12. Use extra care when cleaning on stairs.
13. Do not use to pick up flammable or combustible liquids, such as gasoline, or use in areas where they may be present.
14. Connect to a properly grounded outlet only. See Grounding Instructions.
15. **Do not pick up anything that is burning or smoking, such as cigarettes, matches, or hot ashes.**

16. **Do not use without dust bag and/or filters in place.**

17. FOR HOUSEHOLD USE ONLY.

18. 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.

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

20. People with pacemakers should consult their physician(s) before use. Electromagnetic fields in close proximity to heart pacemaker could cause pacemaker interference or pacemaker failure.

21. 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

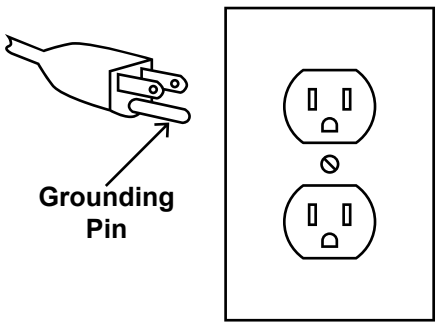
Grounding Instructions

This appliance must be grounded. If it should malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This appliance is equipped with a cord having an equipment-grounding conductor and grounding plug. The plug must be inserted into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

⚠WARNING

Improper connection of the equipment-grounding conductor can result in a risk of electric shock. Check with a qualified electrician or service person if you are in doubt as to whether the outlet is properly grounded. Do not modify the plug provided with the appliance – if it will not fit the outlet, have a proper outlet installed by a qualified electrician.

This appliance is for use on a nominal 120-V circuit and has a grounding attachment plug that looks like the plug illustrated in **125 VAC 3-Prong Plug and Outlet**. Make sure that the appliance is connected to an outlet having the same configuration as the plug. No adaptor should be used with this appliance.



125 VAC 3-Prong Plug and Outlet (for up to 125 VAC and up to 15 A)

Extension Cords

1. ***Grounded*** tools require a three wire extension cord. ***Double Insulated*** tools can use either a two or three wire extension cord.
2. As the distance from the supply outlet increases, you must use a heavier gauge extension cord. Using extension cords with inadequately sized wire causes a serious drop in voltage, resulting in loss of power and possible tool damage. **(See Table A.)** The smaller the gauge number of the wire, the greater the capacity of the cord. For example, a 14 gauge cord can carry a higher current than a 16 gauge cord. **(See Table A.)**
3. When using more than one extension cord to make up the total length, make sure each cord contains at least the minimum wire size required. **(See Table A.)**
4. If you are using one extension cord for more than one tool, add the nameplate amperes and use the sum to determine the required minimum cord size. **(See Table A.)**
5. If you are using an extension cord outdoors, make sure it is marked with the suffix "W-A" ("W" in Canada) to indicate it is acceptable for outdoor use.
6. Make sure the extension cord is properly wired and in good electrical condition. Always replace a damaged extension cord or have it repaired by a qualified electrician before using it.
7. Protect the extension cords from sharp objects, excessive heat, and damp or wet areas.

RECOMMENDED MINIMUM WIRE GAUGE FOR EXTENSION CORDS*
(120/240 VOLT)

NAMEPLATE AMPERES (at full load)	EXTENSION CORD LENGTH				
	25'	50'	75'	100'	150'
0 – 2.0	18	18	18	18	16
2.1 – 3.4	18	18	18	16	14
3.5 – 5.0	18	18	16	14	12
5.1 – 7.0	18	16	14	12	12
7.1 – 12.0	18	14	12	10	-
12.1 – 16.0	14	12	10	-	-
16.1 – 20.0	12	10	-	-	-

TABLE A

*** Based on limiting the line voltage drop to five volts at 150% of the rated amperes.**

Symbology

VAC	Volts Alternating Current
A	Amperes

n_0 xxxx/min.	No Load Revolutions per Minute (RPM)
CFM	Cubic Feet Per Minute

Specifications

Electrical Rating	120VAC / 60Hz / 11.5A 2 HP, Single Phase
Speed	3450 RPM
Bag Capacity	35 Gallon
Bag Filtration Ratio	5 Microns
Inlet	4″
Air Flow	1550 CFM

Read the ENTIRE 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

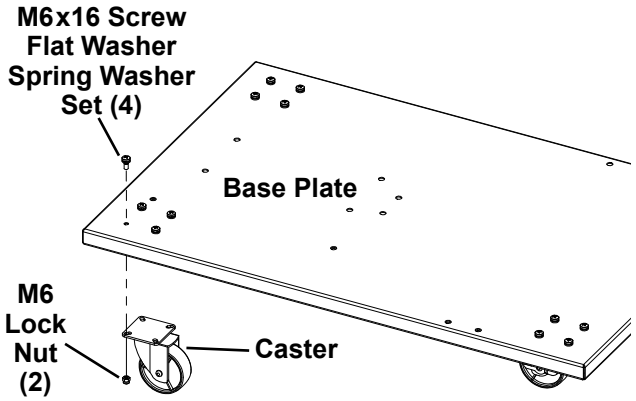
TO PREVENT SERIOUS INJURY FROM ACCIDENTAL OPERATION:
Turn the Power Switch of the appliance off and unplug the appliance from its electrical outlet before performing any procedure in this section.

Note: For additional information regarding the parts listed in the following pages, refer to the Assembly Diagram near the end of this manual.

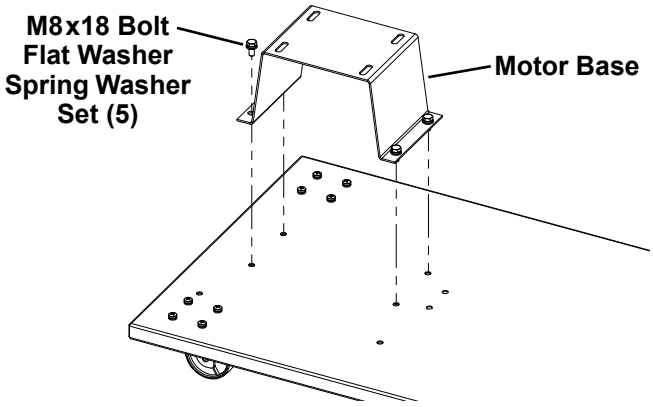
Assembly

Note: The Dust Collector will require complete assembly prior to use. It is important that you read the entire manual to become familiar with the product BEFORE using the Dust Collector. Before assembling the Dust Collector be sure that you have all parts described in the Parts List and Assembly Diagram.

1. Install Caster on the underside corner of the Base Plate using four M6x16 Screw, Flat Washer, and Spring Washer Sets (4) and four M6 Lock Nuts (2). Tighten hardware securely. Repeat for remaining three Casters.



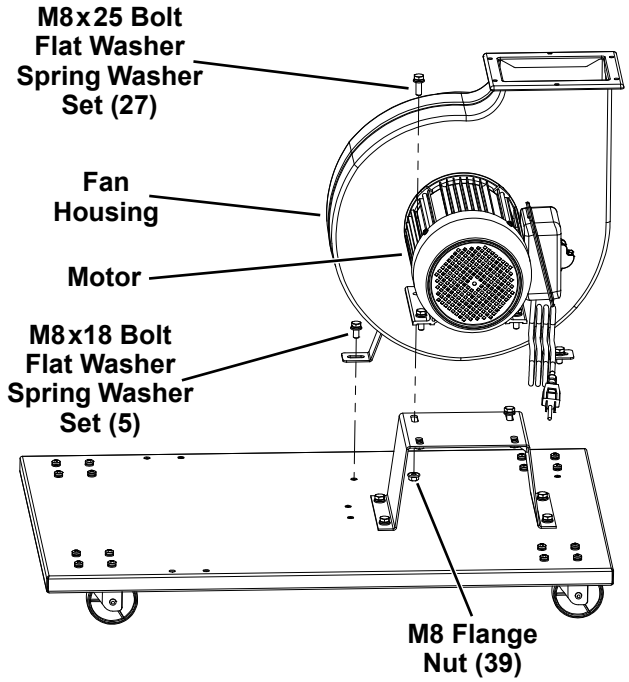
2. Attach Motor Base to Base Plate using four M8x18 Bolt, Flat Washer, and Spring Washer Sets (5). Tighten hardware securely.



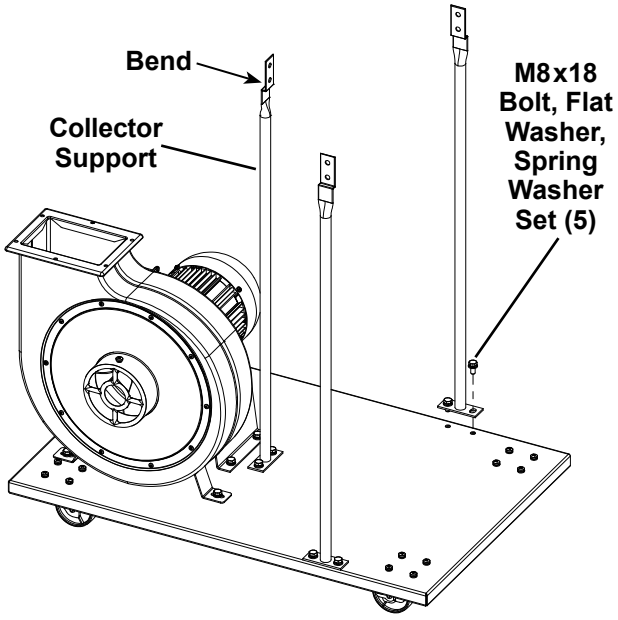
3. Attach Motor to Motor Base using four M8x25 Bolt, Flat Washer, and Spring Washer Sets (27) and four M8 Flange Nuts (39). Finger tighten hardware loosely.

4. Attach the Fan Housing to the Base Plate using two M8x18 Bolt, Flat Washer, and Spring Washer Sets (5).

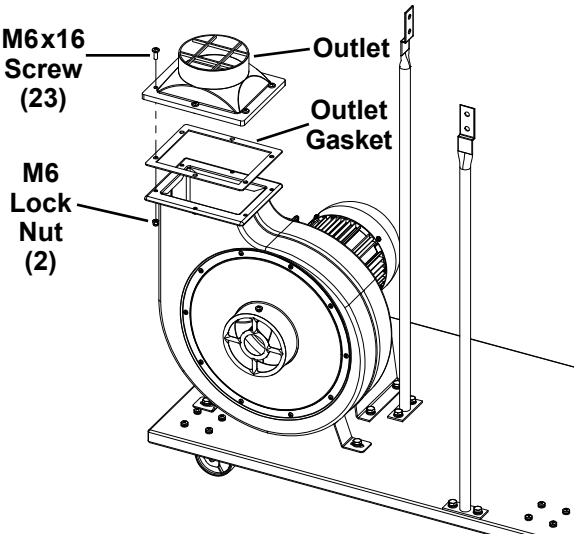
5. Wrench tighten all hardware securely.



6. Attach Collector Supports, with bend facing inward, to Base Plate using six M8x18 Bolt, Flat Washer, and Spring Washer Sets (5). Tighten hardware securely.



7. Place Outlet Gasket on the opening on the Fan Housing. Set the Outlet on top of the Gasket. Secure Outlet and Gasket to Fan Housing using six M6x16 Screws (23) and six M6 Lock Nuts (2). Tighten hardware securely.

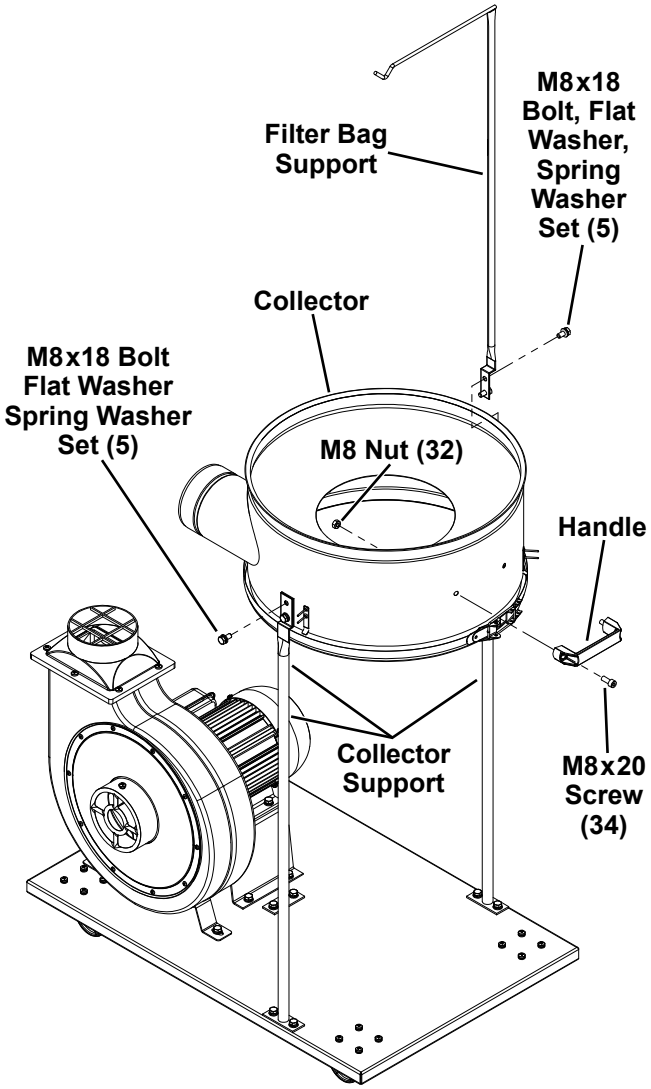


8. Attach the Filter Bag Support to the Collector Support and Collector using two M8x18 Bolt, Flat Washer, and Spring Washer Sets (5) as shown.

9. Attach the other two Collector Supports to the Collector using two M8x18 Bolt, Flat Washer, and Spring Washer Sets (5) per Support.

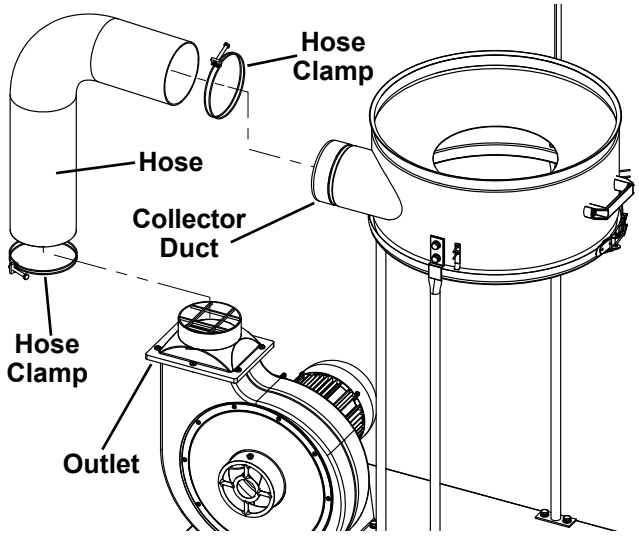
10. Attach Handle to Collector using two M8x20 Screws (34) and M8 Nuts (32).

11. Tighten all hardware securely.



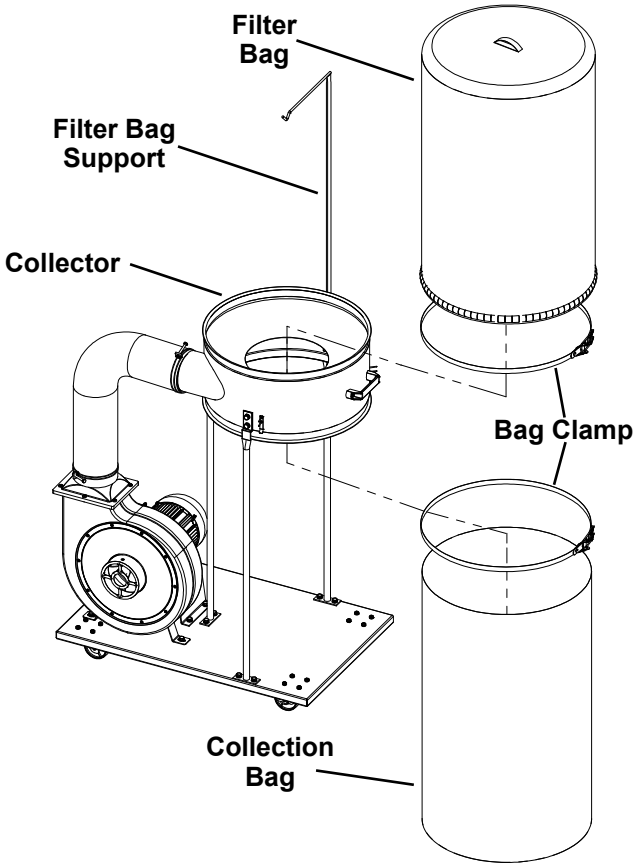
12. Slide a Hose Clamp onto the Hose. Slide Hose onto the Outlet, then tighten the screw on the Hose Clamp until the Hose is securely fastened.

13. Slide other Hose Clamp onto the other end of the Hose. Slide Hose onto the Collector Duct, then tighten the Hose Clamp until the Hose is securely fastened.

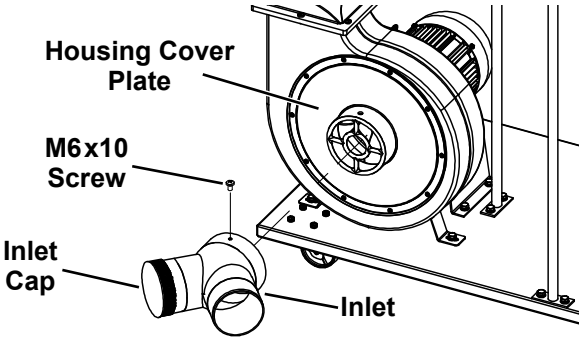


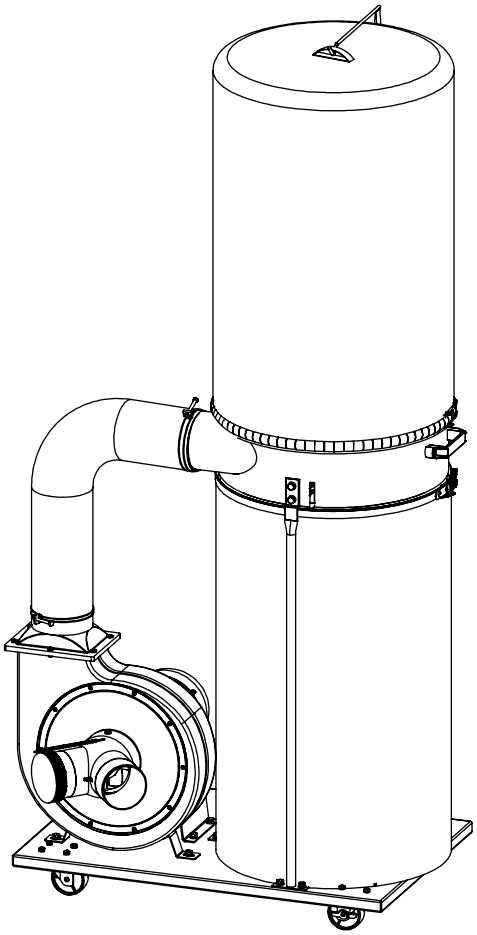
14. Hang Filter Bag on Filter Bag Support. Slide a Bag Clamp over Filter Bag and attach Filter Bag to Collector. Tighten Bag Clamp until Bag is securely fastened.

15. Slide other Bag Clamp over Collection Bag and attach Collection Bag to bottom of Collector. Tighten Bag Clamp until Bag is securely fastened.



16. Remove M6x10 Screw from Housing Cover Plate. Attach the Inlet onto the Housing Cover Plate and secure using the M6x10 Screw. If only using one inlet, cap off unused inlet with the Inlet Cap.





Finished Assembly

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

Workpiece and Work Area Setup

⚠WARNING

TO PREVENT SERIOUS INJURY FROM ACCIDENTAL OPERATION:
Turn the Power Switch of the appliance off and unplug the appliance from its electrical outlet before performing any procedure in this section.

1. Designate a work area that is clean and well lit. The work area must not allow access by children or pets to prevent injury and distraction.
2. Route the power cord along a safe route to reach the work area without creating a tripping hazard or exposing the power cord to possible damage. The power cord must reach the work area with enough extra length to allow free movement while working.
3. Secure loose workpieces using a vise or clamps (not included) to prevent movement while working.
4. There must not be hazardous objects such as utility lines or foreign objects nearby that will present a hazard while working.

General Operating Instructions

1. If constructing a new system, connect 4″ vent pipe (not included) to the 4″ Inlet side of the Collector.
2. Determine the size of the dust ports on your tools and run vacuum hoses from each tool to an appropriate sized adapter, and into the 4″ vent pipe (all sold separately).

WARNING! TO PREVENT SERIOUS INJURY:
Do not tamper with or remove the grounding pole on the plug. You must use this unit with a 3 pole receptacle. If you use an extension cord, it must meet amperage specified (see Table A on page 4), and the cord must be 3-pronged.

3. Turn unit on using the switch on the Motor. If any leaks are found, tighten Clamps.
4. During operation, periodically check how full the Collection Bag is. Do not let it fill more than 3/4 full.
5. When removing Collection Bag to empty, first turn off Dust Collector and disconnect its power supply. Wear ANSI-approved safety goggles and a dust mask. Remove the Bag Clamp and empty the Bag. Reinstall the Bag and Bag Clamp.
6. To prevent accidents, turn off the tool and disconnect its power supply after use. Clean, then store the tool indoors out of children's reach.

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 and unplug the appliance from its electrical outlet 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, Maintenance, and Lubrication

1. **BEFORE EACH USE,** inspect the general condition of the appliance. Check for:
   - loose hardware
   - misalignment or binding of moving parts
   - cracked or broken parts
   - damaged electrical wiring
   - any other condition that may affect its safe operation.

   Check Filter Bag and Collection Bag prior to each use for tears or fraying. Replace if necessary.
2. **AFTER USE,** wipe external surfaces of the appliance with clean cloth. Store in an indoor dry area out of reach of children.
3. Periodically tighten the Hose and Bag Clamps.
4. Keep the Motor clean of dirt and debris.
5. **⚠WARNING! TO PREVENT SERIOUS INJURY: If the supply cord of this appliance is damaged, it must be replaced only by a qualified service technician.**

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

Part	Description	Qty
1	Base Plate	1
2	Lock Nut M6	22
3	Caster	4
4	Screw, Flat Washer and Spring Washer Set M6x16	16
5	Hex Bolt, Flat Washer and Spring Washer Set M8x18	18
6	Collector Support	3
7	Screw St4.2x12.7	10
8	Inlet Cap	1
9	Chain	1
10	Inlet	1
11	Screw M6x10	1
12	Housing Cover Plate	1
13	Housing Cover Plate Seal	1
14	Hex Screw M6x20-LH	1
15	Spring Washer 6	1
16	Flat Washer 6	1
17	Impeller Spacer	1
18	Impeller Assembly	1
19	Hex Bolt, Flat Washer and Spring Washer Set M6x16	4

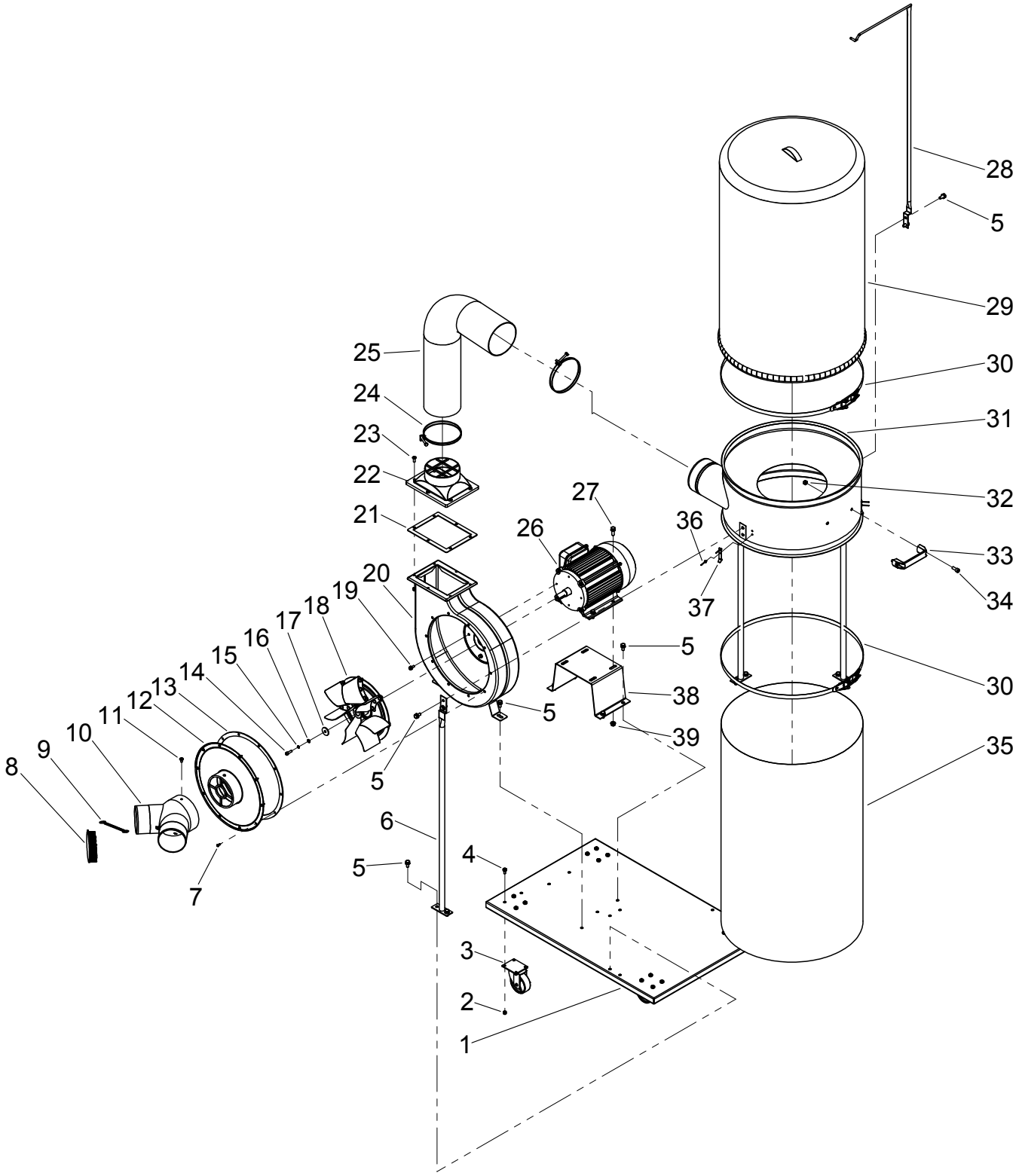
Part	Description	Qty
20	Fan Housing	1
21	Housing Outlet Gasket	1
22	Outlet	1
23	Screw M6x16	6
24	Double Wire Hose Clamp	2
25	Hose 5"x800	1
26	Motor	1
27	Hex Bolt, Flat Washer and Spring Washer Set M8x25	4
28	Filter Bag Support	1
29	Filter Bag	1
30	Bag Clamp	2
31	Collector	1
32	Nut M8	2
33	Handle	1
34	Hex Screw M8x20	2
35	Collection Bag	1
36	Rivet 4x6	6
37	Collector Spring Plate	3
38	Motor Base	1
39	Hex Flange Nut M8	4

Record Product's Date Code Here:_____

Note: If product has no Date Code, 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 193175575661 when ordering parts.

Assembly Diagram



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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