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INTRODUCTION

to the Flo-Dynamics AirVAC

Congratulations on the purchase of your AirVAC handheld wet vac machine!

Simply put, this is the cleanest, easiest, fastest, most thorough, and most cost-efficient method of cleaning floors, ever devised.

Using the AirVAC will save your shop thousands of dollars by eliminating the use of pellets and pads. Not to mention, it's environmentally friendly. The AirVAC can vacuum up all kinds of fluids, heavy weight gear oils, coolant, brake fluid even grease when mixed with cleaning fluid.

NOT FOR USE WITH HIGHLY FLAMABLE LIQUIDS SUCH AS GASOLINE!

Please take time to read through this manual to familiarize yourself with the AirVAC before performing using it.

IMPORTANT SAFETY NOTICE

For your safety, read this manual thoroughly before operating your AirVAC unit. The safety messages presented below and throughout this user's manual are reminders to the operator to exercise care when using this unit. Before using your AirVAC unit, always refer to and follow the safety messages and applicable service procedures provided by the manufacturer of the vehicle being serviced.

• Safety Symbols

A safety symbol, when present, gives a graphical description of the potential hazard, and how to avoid the hazard:



Risk of Fire



Risk of Explosion



Risk of Entanglement



Dangerous Fumes



Do Not Pull or Move



Read Instructions Before Use



Mandatory Eye Protection



Mandatory Protective Gloves



Mandatory Protective Clothing



Mandatory Hearing Protection

• Read All Safety Instructions

Read, understand and follow all safety messages and instructions in this manual. Safety messages in this section of the manual contain a signal word with a three-part message and, in some instances, an icon.

• Signal Words

The signal word indicates the level of the hazard in a situation:

DANGER

Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury to the operator or to bystanders.

WARNING

Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury to the operator or to bystanders.

CAUTION

Indicates a potentially hazardous situation which, if not avoided, may result in moderate or minor injury to the operator or to bystanders.

IMPORTANT

Indicates a situation which, if not avoided, may result in damage to the machine, or the vehicle being serviced.

• Safety Messages

Safety messages in this section contain three different type styles:

- Normal type states the hazard.
- **Bold type** states how to avoid the hazard.
- *Italic type* states the possible consequences of not avoiding the hazard.

IMPORTANT SAFETY INSTRUCTIONS

DANGER



Engine exhaust contains toxic gases.

- **Vent vehicle's exhaust away from work area.**
- **Do not breathe exhaust.**

Exhaust gases will cause injury or death.

WARNING



Improper use and operation.

- Read, understand and follow all safety messages and operational procedures in this manual before operating the AirVAC.
- This equipment should be operated only by qualified personnel.
- Use this equipment only as described in this manual.

Improper use and operation of this product can result in injury.

WARNING



Engine systems can malfunction expelling fuel, oil vapors, hot steam, hot toxic exhaust gases and other debris.

- **Wear safety goggles and protective clothing, user and bystander.**

Engine systems that fail can cause serious injury.

WARNING



Risk of expelling pressurized fluids.

- **Wear safety goggles and protective clothing, user and bystander.**
- **Always unplug the machine from its power source when not in use.**
- **Keep the service hoses away from hot or moving engine parts. Hoses can split or burst causing fluid to be expelled.**

- **Avoid contact with power steering fluid.**

- **Treatment methods are as follows:**

Eyes: Flush eyes with plenty of water.

Skin: Wash with soap and water.

Inhalation: Move to uncontaminated area.

Ingestion: If large amount, get medical attention.

If any irritation persists, get medical attention.

- **Dispose of used fluid according to environmental laws and regulations.**

Although automatic transmission and power steering fluid pose no significant health hazards, some individuals may experience adverse reactions upon contact.

WARNING



Risk of fire or explosion.

- **Do not operate the AirVAC to vacuum up highly flammable liquids such as gasoline. The venting flumes near a flame can cause an explosion.**

Fire or explosion can cause injury.

WARNING



Risk of hearing loss.

- **Wear proper hearing protection, user and bystander.**

Prolonged exposure to loud noise may cause hearing loss.

SAVE AND FOLLOW THESE INSTRUCTIONS!

DIMENSIONS & TECHNICAL SPECIFICATIONS

DIMENSIONS:

Length: 48"

Depth: 10.75"

Nozzle Width: 10"

Tank Diameter: 7"

Fluid Capacity:

1.5 Gallons

Bucket Wheels:

2" Casters

Weight:

8.2 lbs.

TECHNICAL SPECIFICATIONS:

Power:

Shop Air (not to exceed 120psi)

FEATURES

- Durable roto-cast polyethylene tank
- Ergonomically correct working height
- 2.5" caster wheels allow easy maneuverability
- Bucket for easy draining and storage

UNIT OVERVIEW





- Use this equipment only as described in this manual. Use only the manufacturer's recommended attachments.
- Read, understand and follow Safety Instructions in the front pages of this manual and on product safety labels.

NOT FOR USE WITH HIGHLY FLAMABLE LIQUIDS SUCH AS GASOLINE!

IMPORTANT: ALWAYS REGULATE AIR PRESSURE TO UNDER 120 PSI.

OPERATING PROCEDURE

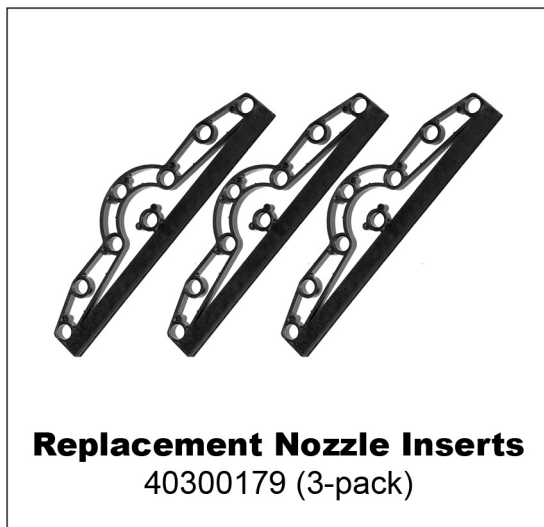
1. Connect an air hose to the AirVAC unit (should not exceed 120psi).
2. Open the ball valve and vacuum up the spill. You may need to tilt the AirVAC up or down to prevent a seal with the floor.
3. Return the AirVAC to the bucket cradle and shut off the air.
4. Turn the drain ball valve to the open position to drain the AirVAC. Close when completed.
5. Empty bucket as necessary.

TIPS

1. When removing and when placing the AirVAC back into the cradle, it is best to have the air ball valve slightly open. This will eliminate residual drips from the nozzle.
2. After vacuuming up the spill, there may be residual coating on the floor.
To clean the area more thoroughly:
 - Spray or pour a cleaner over the area.
 - Lay a rag on the floor.
 - With the AirVAC in the "on" position, place nozzle on rag.
 - Lightly scrub the coated floor area with the AirVAC on.

REPLACEMENT PARTS

Part #	Description
40300032	Nozzle Assembly
40300179	Replacement Nozzle Inserts (3-pack)
40400019	AirVAC Unit without Bucket
40400021	Complete Bucket Assembly
40200075	Air Ball Valve
40200167	Drain Ball Valve
40200828	Silencer
40200230	Assembly Instruction Sheet
40200231	Operations Manual

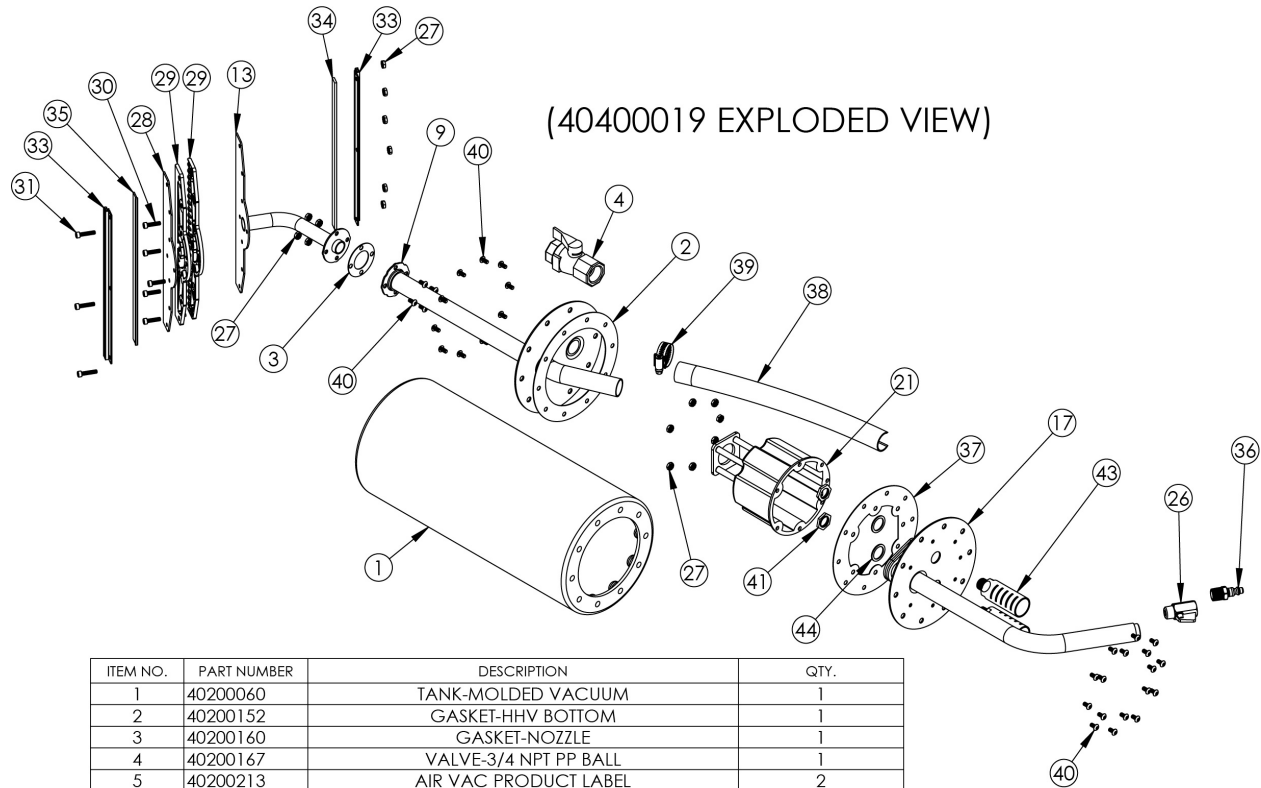


ORDERING REPLACEMENT PARTS

To order replacement parts for the Flo-Dynamics AirVAC, call

1-800-303-5874

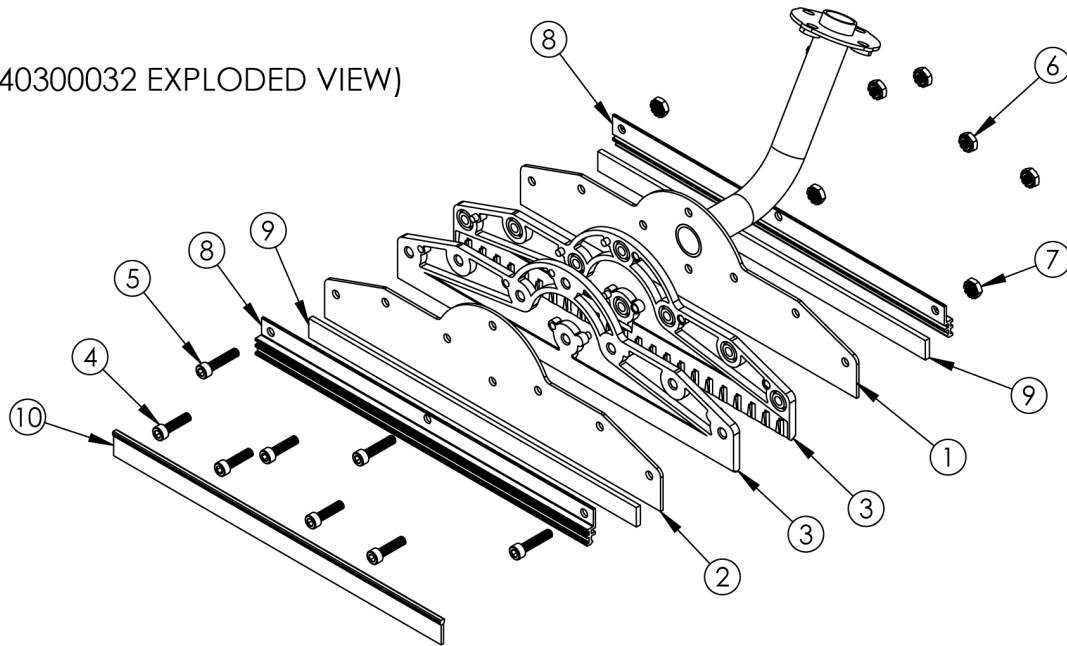
REPLACEMENT PARTS



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	40200060	TANK-MOLDED VACUUM	1
2	40200152	GASKET-HHV BOTTOM	1
3	40200160	GASKET-NOZZLE	1
4	40200167	VALVE-3/4 NPT PP BALL	1
5	40200213	AIR VAC PRODUCT LABEL	2
6	40200214	AIR VAC DRAIN VALVE LABEL	2
7	40200215	AIR VAC WARNING LABEL	2
8	40300184	SUCTION TUBE	1
9	40300109	PLATE-SEALING	1
10	40300258	CAP-LOWER TANK	1
11	40200168	NIPPLE-PIPE	1
12	40300035	NOZZLE TUBE	1
13	40300094	NOZZLE BACK PLATE	1
14	40300321	PLATE-SEALING	1
15	40300188	1 PIECE AIR TUBE HANDLE	1
16	40200161	COUPLING HALF-3/8 NPT	1
17	40300246	UPPER TANK CAP	1
18	40300316	NOZZLE TOP	1
19	40300315	NOZZLE MID	1
20	40300314	NOZZLE BTM	1
21	40200158	COVER-VACUUM GENERATOR	1
22	40200154	CAGE-FORMED	1
23	40200162	SEAL-FLOAT BALL	1
24	40200163	BOTTOM-CAGE	1
25	40200126	BALL-FLOAT PLUG	1
26	40200075	VALVE-3/8 NPT MINI BALL	1
27	40200171	NUT-HEX 10-32 TOOTHED WASHER	14
28	40300034	NOZZLE FRONT PLATE	1
29	40200156	BAR-CONNECTOR (MOLDED)	2
30	40200294	SCREW-SOCKET HD CAP 10-32 X .75 SS BLK OX	5
31	40200295	SCREW-SOCKET HD CAP 10-32 X .875 SS	3
32	40200297	NUT-HEX 10-32 TOOTHED WASHER BLK OX	5
33	40200296	CLAMP-SCRAPER	2
34	40200293	STRIP-RUBBER	2
35	40200298	BRUSH-STRIP 9.75 x .630 PP TRIM 2.5G CHANNEL	2
36	40200076	COUPLING-3/8 NPT NIPPLE	1
37	40200151	GASKET-HHV TOP	1
38	40200434	POLY TUBING 1" ID	1
39	942232	CLAMP HOSE 3/4-1 3/4	1
40	40200821	10-32 X 3/8 BUTTON HEAD SCREW STAINLESS	31
41	3185K111	3/8 NPSM Steel Locknut	2
42	40200216	AIR VAC EXHAUST PAR NO. LABEL	1
43	40200828	SILENCER 3/8 AIR VAC	2
44	40200827	WASHER ALUMINUM - 3/4" SCREW SIZE .755 ID .995 OD	2

REPLACEMENT PARTS

(40300032 EXPLODED VIEW)



ITEM NO.	PART NUMBER	DESCRIPTION	40300032/QTY.
1	40300093	ASSEMBLY-NOZZLE PLATE W/ TUBE	1
2	40300034	NOZZLE FRONT PLATE	1
3	40200156	BAR-CONNECTOR (MOLDED)	2
4	40200294	SCREW-SOCKET HD CAP 10-32 X .75 SS BLK OX	5
5	40200295	SCREW-SOCKET HD CAP 10-32 X .875 SS	3
6	40200297	NUT-HEX 10-32 TOOTHED WASHER BLK OX	5
7	40200171	NUT-HEX 10-32 TOOTHED WASHER	3
8	40200296	CLAMP-SCRAPER	2
9	40200293	STRIP-RUBBER	2
10	40200298	BRUSH-STRIP 9.75 x .630 PP TRIM 2.5G CHANNEL	2

ORDERING REPLACEMENT PARTS

To order replacement parts for the Flo-Dynamics AirVAC, call

1-800-303-5874

MAINTENANCE PROCEDURES

CAUTION

- The use of any other accessories not specified in this manual may create a hazard.
- Read, understand and follow Safety Instructions in the front pages of this manual and on product safety labels.

- **Clean internally as needed**

When vacuuming up debris with the fluids, occasionally the AirVAC may need the inside cleaned. Remove the metal bottom assembly and clean using degreaser and a cloth.

CUSTOMER SERVICE CONTACT INFORMATION

If you are experiencing problems with the AirVAC, call technical support at:

1-800-303-5874

LIMITED ONE (1) YEAR WARRANTY

Flo-Dynamics AirVAC

Flo-Dynamics warrants only to the original Purchaser that under normal use, care and service, the Equipment (except as otherwise provided herein) shall be free from defects in material and workmanship for one year from the date of original invoice. Nozzle and Nozzle inserts are warranted for 90 calendar days from the date of original invoice.

SELLER'S OBLIGATIONS UNDER THIS WARRANTY ARE LIMITED SOLELY TO THE REPAIR OR, AT SELLER'S OPTION, REPLACEMENT OF EQUIPMENT OR PARTS WHICH TO SELLER'S SATISFACTION ARE DETERMINED TO BE DEFECTIVE AND WHICH ARE NECESSARY, IN SELLER'S JUDGEMENT, TO RETURN THE EQUIPMENT TO GOOD OPERATING CONDITION. NO OTHER WARRANTIES EXPRESS OR IMPLIED OR STATUTORY, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, SHALL APPLY AND ALL SUCH WARRANTIES ARE HEREBY EXPRESSLY DISCLAIMED.

This warranty does not cover (and separate charges for parts, labor and related expenses shall apply to) any damage to, malfunctioning, inoperability or improper operation of the Equipment caused by, resulting from or attributable to (A) abuse, misuse or tampering; (B) alteration, modification or adjustment of the Equipment by anyone other than Seller's authorized representatives; (D) improper or negligent use, application, operation, care, cleaning, storage or handling; (E) fire, water, wind, lightning or other natural causes; (F) adverse environmental conditions, including, without limitation, excessive heat, moisture, corrosive elements, and/or any other condition outside of Seller's environmental specifications; (G) use of the Equipment in combination or connection with other equipment, attachments, supplies or consumables not manufactured or supplied by Seller; or (H) failure to comply with any applicable federal, state or local regulation.

Repairs or replacements qualifying under this Warranty will be performed on regular business days during Seller's normal working hours within a reasonable time following Purchaser's request. **All requests for Warranty service must be made during the stated Warranty period.** This warranty is non-transferable.