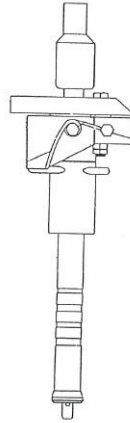




# VAC-AIR INDUSTRIES



## User Guide

Model DCV-2 Bag Vacuumizer  
DCV-2s Bag Vacuumizer



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**Patent No. 3,527,018**

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## Introduction

Important!

Please read these operating and safety instructions carefully before using this equipment.

Your safety is our priority. If you are uncertain about how to operate this equipment, do not proceed without assistance. For technical support or questions, please contact Vac-Air Industries.

Contact information, including our phone number, can be found on the Vac-Air Industries website.

[www.vacairinc.com](http://www.vacairinc.com)



### **Congratulations on Your Purchase!**

Thank you for choosing Vac-Air Industries. With proper installation, use, and maintenance, your new tool is designed to deliver years of reliable, trouble-free, and industry-leading performance.

## Description

The DCV-2 Bag Vacuumizer, derived from our proven VAV-L Vacuumizer, is a swing-in type vacuumizing nozzle specifically designed for light packages such as fowl, broilers, ducks, and various meats. While the DCV does not include a lifting mechanism, it remains highly effective in creating a secure, airtight seal for all types of packaging. After the vacuum is drawn from the bag, the operator simply swings the nozzle into the clip applicator without releasing the package, ensuring a smooth and efficient sealing process.

An alternative model, the **DCV-2s**, is also available and features a shorter handle, making it ideal for smaller packages where space and handling precision are important.

Both models are constructed from premium, corrosion-resistant materials, ensuring long-lasting durability and reliable performance in demanding environments.

### **Advantages**

- Vacuum only Operated
- Corrosion resistant materials
- Easy to maintain, clean and operate

## **Specifications**

- Vacuum Requirements: 16-22 inHg
- DCV-2: Length: 14", Width: 6", Height: 30"
- DCV-2s: Length: 14", Width: 6", Height: 15"
- Weight: DCV - 5lbs.  
DCV-2 - 4lbs
- Accessories: Vacuum Hose

## **Safety Warnings**

### **Wear Proper Personal Protective Equipment (PPE)**

- PPE must conform to PPE Regulation (EU) 2016/425
- Always wear safety glasses or goggles to protect against flying debris.
- Wear hearing protection in noisy environments.
- Use mesh gloves and non-slip footwear as needed.

### **Inspect Before Use**

- Inspect the tool, vacuum hose, and fittings for damage or wear before each use.
- Do not use a damaged or malfunctioning tool—report and replace it immediately.

### **Secure the Work Area**

- Ensure the work area is **clean, dry, and well-lit**.
- Keep bystanders, especially children, away from the work area.

### **Tool Handling**

- Always shut off the air source and release any remaining air pressure in the lines before detaching or servicing the tool.
- Never point the tool at yourself or others.
- Maintain a firm grip and proper stance while operating the tool.



Vac-Air Industries Hand Tools are **not intended for use by:**

- Individuals **under 18 years of age**

- **Untrained personnel**
- **Persons under the influence of drugs, alcohol, or medication** that may impair judgment or coordination

Improper use may result in injury or equipment damage.

**Vac-Air Industries is not responsible for the safety of any Vac-Air Industries tool used for purposes other than those specified as intended.** For user safety, it is **strongly recommended** to keep a **fully stocked first aid kit** readily accessible to treat minor injuries.

### **Tool Installation (Fig. 1-1)**

Locate the cross pipe mounting bracket and securely fasten it to a fixed, horizontal pipe.

Insert the vacuumizer’s mounting pipe into the cross pipe bracket. Slide the mounting pipe into the housing and align the groove in the pipe with the bolt in the housing.

Tighten the bolt into the crossover point to firmly secure the vacuumizer in place.

Swing the vacuumizer to ensure there is no interference with nearby equipment or structures.

Attach the vacuum line to the quick-disconnect fitting located at the top of the vacuumizer.

For optimal performance, operate the bag vacuumizer at a vacuum level of 15–17 inches Hg.

### **Lubrication**

Required Lubrication: *Food Machinery Oil ISO 46 / Food Grade Hydraulic White Mineral Oil A/W*  
*Food Industry Grease, Food-Grade*

Proper lubrication will ensure long lasting and proper functionality of the tool. The grease will help lubricate moving parts and lengthen the life of the internal seals.

Grease o-ring #'s 18, 20 and 21 regularly to ensure proper vacuum.

### **Operation**

Ensure vacuum is connected via the quick-disconnect fitting at the top of the vacuumizer.

Position the open end of the bag over the vacuumizer nozzle at the end of the handle.

Pull down on the vacuum handle to initiate air removal from the bag.

Once the air is evacuated, swing the nozzle into the clip applicator without releasing the package.

Apply the clip to create an airtight seal.

### **Maintenance**

**Vac-Air Industries allows users to perform all routine preventative maintenance, including cleaning, lubrication, and basic inspections. However, if major maintenance or repairs are needed, such as internal component replacement or motor issues, the tool should be sent to Vac-Air Industries for servicing.**

**Note: In order to maintain conformity to European [Regulation 2023-1230](#), only Vac-Air replacement parts must be used.**

**It is advised to keep a spare tool available for use while another tool is undergoing maintenance. Maintenance should be performed in a designated clean and controlled area to ensure proper handling and minimize contamination.**

#### **CAUTION:**

Always shut off the vacuum supply and release all remaining vacuum pressure from the lines before detaching or servicing the tool.

Failure to follow this procedure can result in serious injury due to unexpected tool activation or discharge.



#### **Cleaning Instructions-**

**CAUTION:** Always shut off the vacuum supply and release all remaining vacuum pressure from the lines before detaching, servicing, or cleaning the tool.

Failure to do so may result in serious injury due to unexpected tool activation or discharge.

**Important:** To maintain hygiene and prevent contamination, thoroughly clean all tool surfaces—including corners, joints, and hard-to-reach areas—where residue or debris can accumulate and lead to build-up.

For best results:

- Use warm water and a mild detergent (such as dish soap) to clean all applicable parts.
- Rinse thoroughly with hot water to remove all cleaning agents and residue.
- Ensure all areas are completely dried before reassembly or storage.



#### **Important:**

Do not use alkaline, iodine-based, or acidic cleaners, as these substances may cause corrosion or damage to tool components.

Following these cleaning practices helps preserve tool performance and supports a hygienic working environment

For proper maintenance, send the tool to Vac-Air Industries.

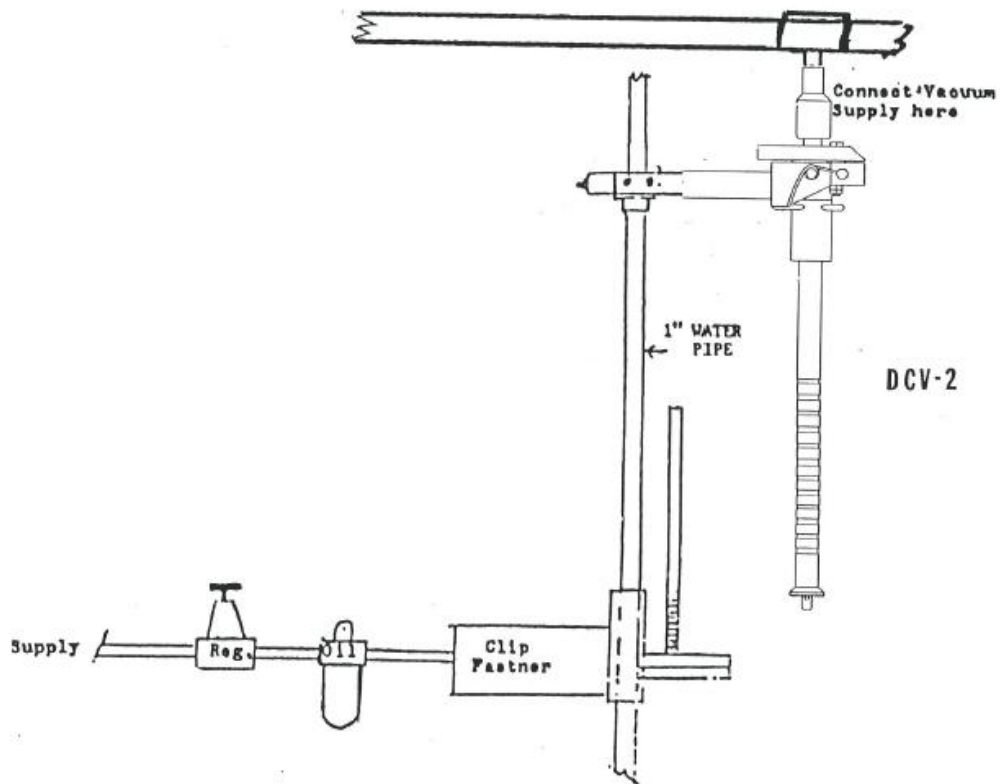
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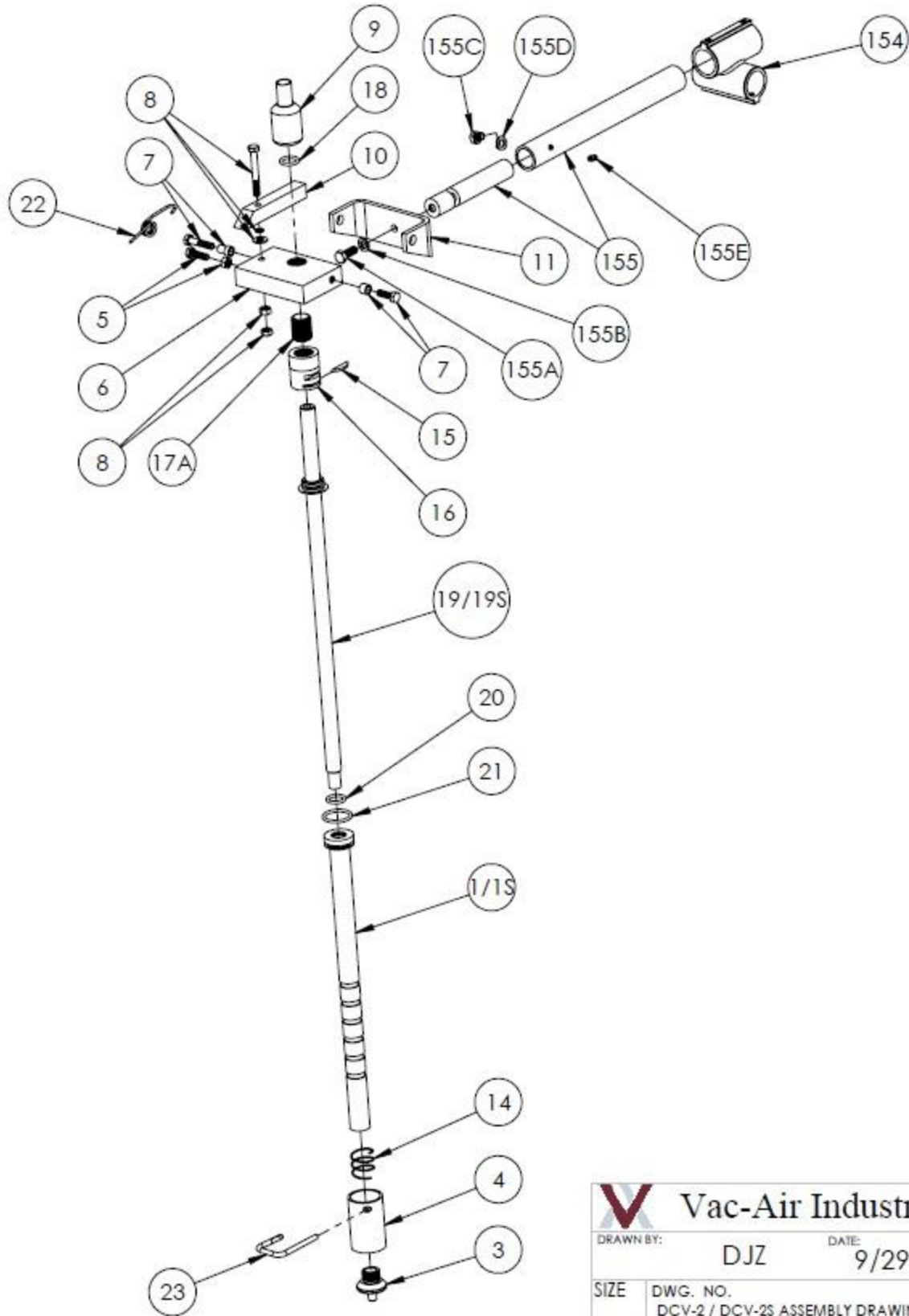
Fig. 1-1




VAC-AIR INDUSTRIES

DCV-2 Bag Vacuumizer Set-up Diagram





 <b>Vac-Air Industries</b>		
DRAWN BY: DJZ		DATE: 9/29/25
SIZE	DWG. NO. DCV-2 / DCV-2S ASSEMBLY DRAWING	
SCALE: 1:7	WEIGHT: 5lbs	SHEET 1 OF 1

	<b>DCV-2 Bag Vacuumizer Parts List</b>
1 or 1s	Vacuum handle
3	Anti-blocking vac port body with narrow ledge
4	Locking section
5	Spring stop bolt
6	Hinging block
7	Hinging block bolts & bearings
8	Swing stop bolt, washer and half nuts (2)
9	Quick vacuum coupling disconnect
10	Swing stop
11	Mounting bracket
14	Vacuum handle spring
15	Brass half moon key
16	Upper quick disconnect section
17A	Coupling (1 x 14 thread 1" long)
18	Disconnect o-ring
19 or 19S	Straight thru vacuum tube
20	Vacuum handle seal o-ring
21	Vacuum tube seal o-ring
22	S.S. positioning spring
23	Snap lock pin
25	O-ring kit #1-18,20,21
154	Aluminum pipe crossovers
155	Mounting pipe
155A	Bracket Bolt
155B	Bracket Bolt Washer
155C	Mounting Pipe Bolt
155D	Mounting Pipe Locking Washer
155E	Mounting Pipe Grease Fitting