

Cornelius S3355 / 28-1444

Cornelius S3355 Condenser Grille Side Filter Instruction Manual

Model: S3355 / 28-1444

For Jet Spray Drink Dispenser Models: TJ3, TJP4, TJP4A, TJW1, TJW2

INTRODUCTION

This instruction manual provides essential information for the proper installation, operation, and maintenance of the Cornelius S3355 Condenser Grille Side Filter. This filter is designed to maintain optimal performance of compatible Jet Spray drink dispenser models by ensuring efficient condenser operation.

Please read this manual thoroughly before attempting any installation or maintenance procedures to ensure safety and proper function.

PRODUCT OVERVIEW



Image 1: The Cornelius S3355 Condenser Grille Side Filter. This image displays the rectangular, dark gray filter material, which is designed to fit into the condenser grille of compatible Jet Spray drink dispensers. The texture appears fibrous, indicating its function in trapping dust and debris.

The Cornelius S3355 filter is a crucial component for the condenser unit of specific Jet Spray drink dispensers. Its primary function is to prevent dust, lint, and other airborne particles from accumulating on the condenser coils. A clean condenser coil is vital for the refrigeration system's efficiency, ensuring proper cooling and extending the lifespan of the dispenser.

SETUP AND INSTALLATION

Safety First: Before beginning any installation or maintenance, always disconnect the drink dispenser from its power source to prevent electrical shock or injury.

1. **Locate the Condenser Grille:** Identify the condenser grille on the side of your Jet Spray drink dispenser. Refer to your dispenser's specific manual for the exact location if unsure.
2. **Remove Existing Filter (if applicable):** If a filter is already present, carefully remove it. Note its orientation for correct placement of the new filter.
3. **Clean the Grille Area:** Use a soft brush or vacuum cleaner to remove any accumulated dust or debris from the grille area and around the condenser coils before installing the new filter.

4. **Install the New Filter:** Insert the Cornelius S3355 filter into the designated slot or area within the condenser grille. Ensure it sits flush and covers the entire opening to maximize filtration effectiveness. The filter should be positioned so that it captures airborne particles before they reach the condenser coils.
5. **Secure the Grille:** Re-secure any covers or grilles that were removed during the process.
6. **Restore Power:** Once the filter is securely in place and all covers are re-secured, reconnect the drink dispenser to its power source.

OPERATING PRINCIPLES

The Cornelius S3355 filter operates passively as an air filtration barrier. Air is drawn into the condenser unit to cool the refrigeration coils. As air passes through the filter, airborne particles such as dust, lint, and debris are trapped by the filter material, preventing them from settling on the condenser coils. This maintains optimal airflow and heat exchange efficiency, which is critical for the proper cooling function of the drink dispenser.

A clean filter ensures that the condenser can dissipate heat effectively, preventing the compressor from overworking and potentially leading to premature failure or reduced cooling capacity.

MAINTENANCE

Regular maintenance of the condenser filter is essential for the longevity and efficient operation of your Jet Spray drink dispenser.

Cleaning the Filter:

1. **Frequency:** Inspect the filter monthly. In dusty environments or high-traffic areas, more frequent inspection and cleaning may be necessary.
2. **Disconnect Power:** Always disconnect the dispenser from the power supply before cleaning.
3. **Remove Filter:** Carefully remove the S3355 filter from the condenser grille.
4. **Clean:**
 - Gently tap the filter to dislodge loose dust.
 - Use a vacuum cleaner with a brush attachment to remove embedded dust and debris.
 - For heavily soiled filters, it may be rinsed with mild soap and water. Ensure the filter is completely dry before reinstallation to prevent moisture damage or mold growth.
5. **Inspect Condenser Coils:** While the filter is removed, visually inspect the condenser coils for any dust buildup. If coils are dirty, professional cleaning may be required.
6. **Reinstall Filter:** Once clean and dry, reinstall the filter in its original position.
7. **Restore Power:** Reconnect the dispenser to the power supply.

Filter Replacement:

The S3355 filter is designed for durability, but over time, its filtration efficiency may decrease, or the material may degrade. Replace the filter if it shows signs of damage, excessive wear, or if cleaning no longer restores its effectiveness. Replacement frequency depends on environmental conditions and usage, but generally, consider replacement every 6-12 months or as needed.

TROUBLESHOOTING

Most issues related to the condenser filter are preventable with regular maintenance. If you experience problems with your drink dispenser's cooling performance, consider the following:

Symptom	Possible Cause	Solution
Reduced cooling efficiency of dispenser	Clogged or dirty condenser filter	Clean or replace the S3355 filter. Ensure condenser coils are also clean.
Dispenser running continuously or frequently	Restricted airflow to condenser due to dirty filter	Clean or replace the S3355 filter. Verify proper ventilation around the dispenser.
Unusual noises from condenser area	Fan struggling due to restricted airflow; debris caught in fan	Clean or replace the S3355 filter. Inspect fan for obstructions (with power disconnected).

If troubleshooting steps do not resolve the issue, contact a qualified service technician or Cornelius customer support.

SPECIFICATIONS

- Brand:** Cornelius
- Model Name:** S3355
- Item Model Number:** 28-1444
- UPC:** 281444028144
- Item Weight:** Approximately 0.35 Pounds (5.6 ounces)
- Form Factor:** Side By Side (referring to its application in the dispenser)
- Description:** Condenser Filter, Grille Side
- Compatibility:** Jet Spray Drink Dispenser Models TJ3, TJP4, TJP4A, TJW1, TJW2

WARRANTY AND SUPPORT

Specific warranty information for the Cornelius S3355 Condenser Grille Side Filter is typically provided at the point of purchase or included with the product packaging. Please retain your proof of purchase for warranty claims.

For technical support, replacement parts, or further assistance, please contact Cornelius customer service or your authorized Cornelius dealer. Contact information can usually be found on the official Cornelius website or on your original product documentation.

Note: Unauthorized modifications or use of non-genuine parts may void your product warranty.