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DCI International 5851

DCI International 5851 Cuspidor Drain Kit Instruction Manual

Model: 5851

1. Product Overview

The DCI International 5851 Cuspidor Drain Kit is designed to provide an efficient and flexible drainage solution for cuspidors. This specialized kit eliminates the need for conventional plumbing, making it ideal for installations where a gravity drain system is not available or practical. It includes a flush toggle for remote operation, enhancing user convenience and system adaptability.



Image 1.1: A component of the DCI International 5851 Cuspidor Drain Kit, showing a black pump-like mechanism with two hose connections and a clear cylindrical filter attached. This component is central to the kit's non-gravity drainage function.

2. Safety Information

Please read and understand all instructions before installation and operation. Failure to follow these instructions may result in property damage, injury, or improper function of the device.

- Ensure all electrical connections (if applicable) are performed by a qualified electrician and comply with local codes.
- Verify that all plumbing connections are secure and leak-free to prevent water damage.
- Do not operate the unit if any components are damaged or missing.
- Keep hands and tools clear of moving parts during operation.
- Always disconnect power before performing any maintenance or service.

3. Package Contents

Verify that all items listed below are present in your package. If any items are missing or damaged, please contact DCI International customer support.

- Cuspidor Drain Pump Assembly (as shown in Image 1.1)
- Flush Toggle Mechanism
- Hoses and Connectors
- Mounting Hardware
- Installation Guide (this document)

4. Setup and Installation

This section provides general guidelines for installing the DCI International 5851 Cuspidor Drain Kit. Professional installation is recommended.

1. **Site Preparation:** Identify a suitable location for the drain pump assembly. This kit is designed for situations where a gravity drain is not feasible, so consider proximity to power (if applicable) and the final discharge point.
2. **Mounting the Pump Assembly:** Securely mount the cuspidor drain pump assembly (refer to Image 1.1) in the chosen location using the provided mounting hardware. Ensure it is stable and accessible for future maintenance.
3. **Connecting Hoses:**
    - Connect the inlet hose from the cuspidor bowl to the designated inlet port on the pump assembly.
    - Connect the outlet hose from the pump assembly to the waste disposal system. Ensure all connections are tight and sealed to prevent leaks.
4. **Installing the Flush Toggle:** Install the flush toggle in a convenient location for remote operation. Connect the toggle to the pump assembly according to the specific wiring or pneumatic instructions provided with the kit.
5. **Power Connection (if applicable):** If the pump assembly requires electrical power, ensure it is connected to a suitable power source by a qualified professional, adhering to all local electrical codes.
6. **Testing:** After all connections are made, perform a leak test by introducing a small amount of water into the cuspidor and activating the flush toggle. Inspect all connections for any signs of leakage.

5. Operation

The DCI International 5851 Cuspidor Drain Kit is designed for straightforward operation.

1. **Activating Drainage:** To drain the cuspidor bowl, simply activate the remote flush toggle. This will initiate the pump, drawing waste water from the cuspidor and directing it to the waste disposal system.
2. **Deactivating Drainage:** The pump will typically run for a set duration or until the cuspidor is clear. Release the flush toggle (if momentary) or wait for the cycle to complete.

Note: *The exact duration and mechanism of the flush cycle may vary slightly based on the specific configuration and installation. Refer to any supplementary documentation for precise operational details.*

6. Maintenance

Regular maintenance ensures the longevity and optimal performance of your DCI International 5851 Cuspidor Drain Kit.

- **Daily/Weekly:** Clean the cuspidor bowl regularly to prevent buildup that could affect drainage.
- **Monthly:** Inspect all hoses and connections for signs of wear, cracks, or leaks. Tighten any loose connections.
- **Quarterly:** Check the filter within the pump assembly (visible in Image 1.1) for debris accumulation. If necessary, disconnect power, remove the filter, clean it thoroughly with water, and reinsert it.
- **Annually:** Have a qualified technician inspect the entire system, including the pump mechanism and electrical components (if applicable), for optimal function and safety.

Warning: Always disconnect power before performing any maintenance on the pump assembly.

7. Troubleshooting

This section addresses common issues you might encounter with your cuspidor drain kit.

Problem	Possible Cause	Solution
No Drainage / Slow Drainage	Clogged filter Blocked hoses Pump malfunction No power (if electric)	Clean the filter (see Maintenance). Inspect and clear hoses of any obstructions. Verify power supply and connections. Contact DCI International support if pump is faulty.
Leaking Connections	Loose hose clamps Damaged hoses or seals	Tighten all hose clamps. Inspect and replace any damaged hoses or seals.
Flush Toggle Not Responding	Loose connection to pump Faulty toggle switch	Check and secure connections to the pump. Test the toggle switch; replace if faulty.

8. Specifications

Feature	Detail
Model Number	5851
Manufacturer	DCI International
Product Type	Cuspidor Drain Kit
ASIN	B00D8MFI7C
First Available Date	June 6, 2013
Drainage Method	Non-gravity, pump-assisted
Operation	Remote flush toggle

9. Warranty and Support

DCI International stands behind the quality of its products. For specific warranty terms and conditions, please refer to the warranty card included with your purchase or visit the official DCI International website. For technical support, replacement parts, or further assistance, please contact DCI International customer service.

Contact Information:

- **Manufacturer:** DCI International
- **Website:** www.dcinternational.com (*Example link, actual link may vary*)
- **Customer Service:** Refer to manufacturer's website for current contact details.

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