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Georgia-Pacific 59477A

Georgia-Pacific Professional enMotion Power Transformer Kit

MODEL 59477A INSTRUCTION MANUAL

Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of the Georgia-Pacific Professional enMotion Power Transformer Kit, Model 59477A. This kit is specifically designed to convert 24VAC power to 6V DC for seamless integration and operation with Georgia-Pacific enMotion Recessed Automated Towel Dispensers.

Safety Information

WARNING: To reduce the risk of electric shock, always disconnect power to the dispenser and the power source before installing, servicing, or performing any maintenance on this unit. Installation should only be performed by qualified and licensed personnel in accordance with all local and national electrical codes. Failure to follow these instructions may result in serious injury or property damage.

- Ensure the power source matches the specified input voltage (24VAC).
- Do not expose the unit to water or excessive moisture.
- Do not attempt to open or repair the transformer unit. Refer all servicing to qualified personnel.

Package Contents

Verify that all components are present before beginning installation:

- enMotion Power Transformer Unit (Model 59477A)
- AC Adapter Cable
- Wire Connectors (2)



Image: Components of the enMotion Power Transformer Kit, Model 59477A, showing the transformer, power cord, and connectors.

Setup and Installation

This power transformer kit is designed for hardwired installation. Professional installation is highly recommended.

1. **Disconnect Power:** Before starting, ensure that the main power supply to the enMotion Recessed Automated Towel Dispenser and the associated electrical circuit is completely disconnected at the breaker or fuse box. Verify with a voltage tester.
2. **Access Wiring:** Open the enMotion dispenser housing to access its internal wiring compartment. Identify the existing power input terminals for the dispenser.
3. **Mount Transformer:** Securely mount the enMotion Power Transformer Unit in a suitable location within the dispenser housing or an adjacent electrical box, ensuring it is protected from moisture and physical damage.
4. **Connect AC Input:** Connect the 24VAC input wires from the building's electrical system to the designated AC input terminals on the transformer unit. Use the provided wire connectors or appropriate electrical connectors to ensure secure and insulated connections.

5. **Connect DC Output:** Connect the 6V DC output wires from the transformer unit to the power input terminals of the enMotion Recessed Automated Towel Dispenser. Observe correct polarity if indicated on the dispenser or transformer.
6. **Secure Connections:** Double-check all electrical connections to ensure they are tight and properly insulated. Organize wiring to prevent pinching or damage when closing the dispenser housing.
7. **Restore Power:** Carefully close the dispenser housing. Restore power to the circuit at the breaker or fuse box. The dispenser should now receive power and function normally.



Image: Detailed view of the transformer unit and associated wiring for installation reference.

Operating Instructions

Once properly installed and connected to a 24VAC power source, the Georgia-Pacific Professional enMotion Power Transformer Kit Model 59477A operates automatically. It continuously converts the incoming 24VAC power to the required 6V DC for your enMotion Recessed Automated Towel Dispenser. No user interaction or adjustments are necessary for its operation.

Maintenance

The enMotion Power Transformer Kit Model 59477A is designed for minimal maintenance. Regular inspections are recommended to ensure continued reliable performance.

- **Periodic Inspection:** Annually, or as part of routine dispenser maintenance, inspect the transformer unit and all associated wiring and connections for any signs of wear, fraying, corrosion, or damage.
- **Connection Security:** Ensure all electrical connections remain tight and secure. Loose connections can lead to intermittent power supply or electrical hazards.
- **Cleaning:** If necessary, gently wipe the exterior of the transformer unit with a dry, lint-free cloth to remove dust or debris. Do not use liquid cleaners, solvents, or abrasive materials directly on the unit.
- **Environmental Conditions:** Ensure the installation environment remains within appropriate temperature and humidity ranges, free from excessive moisture or extreme temperatures.

Troubleshooting

If your enMotion Recessed Automated Towel Dispenser is not functioning correctly after installing the power transformer,

consider the following troubleshooting steps:

- **No Power to Dispenser:**
  - Verify that the main power supply to the circuit is active. Check the circuit breaker or fuse.
  - Ensure all AC input connections to the transformer are secure and correctly wired.
  - Confirm that the DC output connections from the transformer to the dispenser are secure and correctly wired, observing polarity.
- **Intermittent Operation:**
  - Check for any loose wiring connections at both the input and output sides of the transformer.
  - Inspect the AC adapter cable for any damage or breaks.
- **Incorrect Voltage:**
  - Ensure the incoming power supply is 24VAC. The transformer is designed for this specific input.

If these steps do not resolve the issue, or if you suspect a fault with the transformer unit itself, disconnect power and contact qualified service personnel or Georgia-Pacific customer support for assistance.

Specifications

- **Model Number:** 59477A
- **Manufacturer:** GEORGIA PACIFIC
- **Product Dimensions:** 9.2 x 4 x 2 inches
- **Item Weight:** 1 pounds
- **Input Voltage:** 24VAC (Alternating Current)
- **Output Voltage:** 6V DC (Direct Current)
- **Compatibility:** Designed for enMotion Recessed Automated Towel Dispensers

Warranty and Support

For detailed warranty information, technical support, or to inquire about replacement parts, please refer to the official Georgia-Pacific website or contact Georgia-Pacific customer service directly. Keep your purchase receipt as proof of purchase.
Georgia-Pacific Customer Service: Please visit www.gp.com for contact information and support resources.

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