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Cable Matters 400065-6

Cable Matters 10 AWG 3 Prong Dryer Cord User Manual

Model: 400065-6 | Brand: Cable Matters

1. Introduction

This manual provides essential information for the safe and effective use of your Cable Matters 10 AWG 3 Prong Dryer Cord. This 6-foot, 30A / 7500W rated cord features a NEMA 10-30P plug, designed for 3-wire appliance connections. It is suitable for standard 30A 3-wire dryer outlets (NEMA 10-30R), commonly found in older homes or buildings constructed before 1996.

2. Safety Information

- **UL Listed:** This dryer cord is UL listed, ensuring it meets recognized safety standards.
- **Voltage and Amperage:** Rated for 30A / 250V / 7500W. Ensure your appliance and electrical outlet match these specifications.
- **Outlet Compatibility:** This cord is designed for NEMA 10-30R outlets. Verify your outlet type before installation. NEMA 10-30R outlets are typically found in older installations (pre-1996).
- **Proposition 65 Warning:** This product may expose you to chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.
- **Professional Installation:** If you are unsure about the installation process or electrical compatibility, consult a qualified electrician.

3. Product Overview

The Cable Matters 10 AWG 3 Prong Dryer Cord is engineered for reliable power delivery to your clothes dryer. Key features include:

- **Certified Design:** UL listed 3-prong dryer cord, fitting standard 30A 3-wire dryer outlets (NEMA 10-30R).
- **Broad Compatibility:** The 30A NEMA 10-30 plug is compatible with both older and many newer dryer models that require a 3-wire cord.
- **Heavy-Duty Construction:** Features a 10 AWG, 3-wire copper conductor cable, rated for 30A / 250V / 7500W.

- **Durable Jacket:** SDRT thermoplastic cable jacket provides insulation, preventing overheating and wear, and supports up to 300V and 140°F.
- **User-Friendly Features:** Designed with a flat dryer plug for secure connection and side grips for easy unplugging. Includes ring terminals for installation and strain relief brackets for stability.



Figure 3.1: Reliable NEMA 10-30P to 3-Wire Power Cord. This image illustrates the key specifications of the dryer cord, including the NEMA 10-30P plug type, SRDT 3-conductor cable, 10 AWG copper wire, and its 30A / 7500W rating.

4. Setup and Installation

Follow these steps for proper installation of the dryer cord:

1. **Verify Outlet Type:** Before purchase and installation, confirm that your wall outlet is a NEMA 10-30R type. This cord is not compatible with NEMA 14-30R, NEMA 6-30R, NEMA 10-50R, or NEMA 14-50R outlets.
2. **Power Disconnection:** Always disconnect power to the dryer circuit at the main breaker before beginning installation.
3. **Access Dryer Terminal Block:** Remove the access panel on the back of your dryer to expose the terminal block.

4. **Connect Ring Terminals:** The cord features color-coded ring terminals (red, white, black). Connect these to the corresponding terminals on your dryer's terminal block. Refer to your dryer's specific instruction manual for exact wiring diagrams.
5. **Install Strain Relief:** Secure the cord to the dryer chassis using the included strain relief brackets and mounting screws. This prevents tension on the electrical connections. Ensure to check if your dryer requires a chassis ground or an external ground wire.
6. **Replace Access Panel:** Once connections are secure and verified, replace the dryer's access panel.
7. **Plug into Wall Outlet:** Carefully plug the NEMA 10-30P end of the cord into the NEMA 10-30R wall outlet. The flat plug design allows for installation in tight spaces.
8. **Restore Power:** Restore power to the dryer circuit at the main breaker.



Figure 4.1: Check Outlet Compatibility Before Purchase. This image highlights the correct NEMA 10-30R outlet type for this cord and shows other incompatible NEMA outlet configurations.



Figure 4.2: Quick & Secure Installation. This image demonstrates the process of connecting the dryer cord to the appliance, emphasizing the use of strain relief brackets for stability.



Figure 4.3: Flat Plug Design for Tight Spaces. This image shows how the flat plug allows the dryer to be placed closer to the wall, optimizing space.

5. Operating Instructions

Once the Cable Matters 10 AWG 3 Prong Dryer Cord is correctly installed and connected to both your dryer and the appropriate NEMA 10-30R wall outlet, the dryer is ready for operation according to its own manufacturer's instructions. The cord functions as a power conduit, providing the necessary electrical connection for your appliance.
Important: Always ensure the cord is fully inserted into the wall outlet and that there are no kinks, twists, or damage to the cord before operating the dryer.

6. Maintenance

To ensure the longevity and safe operation of your dryer cord, consider the following maintenance guidelines:

- **Regular Inspection:** Periodically inspect the entire length of the cord, the plug, and the appliance connection points for any signs of damage, fraying, cuts, or discoloration.

- **Cleanliness:** Keep the cord clean and free from dust, debris, or moisture.
- **Avoid Stress:** Do not pull on the cord to unplug it; always grasp the plug itself. Avoid bending the cord sharply or placing heavy objects on it.
- **Temperature:** The SDRT thermoplastic jacket is designed to withstand temperatures up to 140°F. Avoid exposing the cord to excessive heat sources.
- **Secure Connections:** Ensure that the plug remains firmly seated in the wall outlet and that the connections at the dryer's terminal block are secure.

7. Troubleshooting

If you encounter issues with your dryer after installing the cord, consider these troubleshooting steps:

- **No Power to Dryer:**
  - Ensure the cord is fully and securely plugged into both the wall outlet and the dryer's terminal block.
  - Check your home's circuit breaker panel to ensure the dryer's circuit breaker has not tripped. Reset if necessary.
  - Verify that the wall outlet is receiving power by testing it with another compatible appliance (if safe to do so).
- **Loose Connection:** If the plug feels loose in the wall outlet, or if there is intermittent power, disconnect power at the breaker and inspect the plug and outlet for damage. Do not use if damaged.
- **Cord Damage:** If the cord shows any signs of physical damage (cuts, burns, exposed wires), discontinue use immediately and replace the cord.

For issues beyond these basic checks, consult your dryer's instruction manual or contact a qualified electrician.

8. Specifications

Feature	Specification
Brand	Cable Matters
Model Number	400065-6
Cord Length	6 feet
Wire Gauge	10 AWG
Conductors	3-wire copper
Plug Type	NEMA 10-30P (3-prong)
Rated Amperage	30A
Rated Voltage	250V
Rated Wattage	7500W
Jacket Material	SDRT Thermoplastic
Color	Gray
Certifications	UL Listed, NEMA

Feature	Specification
Item Weight	1.54 pounds
Product Dimensions	7.8 x 7.28 x 2.17 inches

9. Warranty and Support

This Cable Matters 10 AWG 3 Prong Dryer Cord is backed by a**Lifetime Warranty**, providing comprehensive support and peace of mind.
For technical assistance, warranty claims, or additional product information, please visit the official Cable Matters website or contact their customer support directly. You can also visit the Cable Matters Store on Amazon for more details.

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