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## Moen U361CX

# Moen U361CX M-CORE Transfer Valve User Manual

Comprehensive guide for installation, operation, and maintenance of your Moen M-CORE Transfer Valve.

## INTRODUCTION

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The Moen M-CORE Transfer Valve system is designed to simplify and expedite the installation process while offering enhanced functionality and style options for your shower environment. This valve is engineered to provide flexibility in shower design, catering to both new construction and remodeling projects. It allows for precise control over water flow to multiple showering devices.

This manual provides essential information for the proper setup, operation, and maintenance of your Moen U361CX M-CORE Transfer Valve.

## KEY FEATURES

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- **Versatile Device Control:** Capable of controlling 2 or 3 showering devices. A simple modification to the transfer cartridge allows switching between two and three outlet flow.
- **Flexible Functionality:** When using 2 showering devices, the valve provides 2 independent and 1 shared function. When using 3 showering devices, it offers 3 independent and 3 shared functions.
- **Adaptable Design:** M-CORE's design allows for rough-in installation with the flexibility to change functionality and style without needing to remove or replace the valve.
- **Streamlined Installation:** Features an integrated mounting bracket for direct securement to a brace, simplifying and speeding up the installation process.
- **Durable Construction:** Built to last, ensuring long-term reliability and performance.

## SETUP AND INSTALLATION

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Proper installation is crucial for the optimal performance of your Moen M-CORE Transfer Valve. It is recommended that installation be performed by a qualified professional, especially due to the specialized tools required for PEX connections.

### Pre-Installation Considerations:

- Ensure all necessary tools and components are available, including any specialized tools for PEX connections.
- Determine the desired number of showering devices (2 or 3) before installation, as this affects cartridge modification and outlet capping.
- If using 2 showering devices, the designated outlet 3 must be capped. Caps are sold separately.

## Installation Steps (Overview):

1. Mount the valve: Utilize the integrated mounting bracket to secure the valve directly to a brace.
2. Connect plumbing: Connect the PEX inlet and outlet lines. Ensure secure and leak-free connections.
3. Cartridge modification (if applicable): If setting up for 3 showering devices, follow the instructions provided with the transfer valve for cartridge modification. This simple modification changes the valve's flow from two outlets to three.
4. Cap unused outlets (if applicable): If using 2 showering devices, ensure outlet 3 is properly capped.
5. Install trim: Once the valve is roughed in, install the desired M-CORE trim kit (sold separately).

For detailed, step-by-step installation instructions, please refer to the official Moen Installation Manual (PDF) available on the product's support page or included with your purchase.



Image: The Moen U361CX M-CORE Transfer Valve, showing its brass body and PEX connection points. This is the core component for controlling water flow to multiple shower outlets.



Image: The Moen U361CX M-CORE Transfer Valve with a black protective cover installed, typically used during the rough-in phase of plumbing to protect internal components.

## OPERATING INSTRUCTIONS

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The Moen M-CORE Transfer Valve allows you to direct water flow to different showering devices based on your setup (2 or 3 devices).

### 2-Showering Device Configuration:

- In this setup, the valve provides **two independent functions** and **one shared function**.
- The specific operation will depend on the M-CORE trim kit installed. Typically, rotating the handle will select between the independent devices, and a specific position (often between the two independent selections) will activate both simultaneously for the shared function.

### 3-Showering Device Configuration:

- This configuration requires a simple transfer cartridge modification during installation.

- The valve will provide **three independent functions** and **three shared functions**.
- The M-CORE trim kit will allow you to select each of the three independent devices, as well as combinations of two devices, or all three simultaneously.

Refer to your specific M-CORE trim kit's instructions for detailed operational procedures, as the handle and dial configurations may vary.

## MAINTENANCE

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The Moen U361CX M-CORE Transfer Valve is designed for long-term, maintenance-free operation. Regular maintenance is generally not required for the internal valve mechanism.

- **Cleaning:** For the visible trim components, clean with a soft, damp cloth. Avoid abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish.
- **Leak Checks:** Periodically inspect plumbing connections for any signs of leaks. Address any leaks promptly to prevent water damage.
- **Cartridge Replacement:** In the unlikely event of a malfunction or reduced performance, the ceramic disc cartridge may need replacement. This is typically a straightforward process, but it is recommended to consult a qualified plumber or Moen customer support.

## TROUBLESHOOTING

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While the Moen M-CORE Transfer Valve is built for reliability, minor issues can sometimes occur. Here are some common troubleshooting tips:

- **Reduced Water Flow:**
  - Check for kinks or obstructions in the supply lines.
  - Ensure the main water supply to the valve is fully open.
  - Inspect the showerheads or other connected devices for mineral buildup that might restrict flow.
- **Leaking from Connections:**
  - Turn off the water supply immediately.
  - Inspect the PEX connections for proper sealing. Re-tighten or re-crimp if necessary, ensuring not to overtighten.
  - If the leak persists, professional assistance may be required to ensure proper PEX connection integrity.
- **Difficulty Changing Functions:**
  - Ensure the trim handle is correctly installed and aligned with the valve stem.
  - Mineral deposits can sometimes affect cartridge movement. If the issue persists, the cartridge may need to be cleaned or replaced.

If you encounter persistent issues not covered here, please contact Moen Customer Support for further assistance.

## SPECIFICATIONS

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Attribute	Detail
Model Number	U361CX

Attribute	Detail
Material	Brass
Dimensions (L x W x H)	3 x 3.63 x 3.63 inches
Item Weight	1.24 pounds
Inlet Connection Type	Cross Linked Polyethylene (PEX)
Outlet Connection Type	PEX
Number of Ports	2 (configurable for 2 or 3 showering devices)
Valve Type	Ceramic Disc
Included Components	Valve, Transfer Valve Cartridge
Manufacturer	Moen Incorporated
UPC	026508319642

M-CORE VALVE OPTIONS	MIXING VALVES		M-CORE WITH INTEGRATED TRANSFER VALVES	TRANSFER VALVES
				
<b>CONNECTION TYPES:</b>				
CC/IPS	✓	✓	✓	✓
CRIMP PEX	✓	✓	✓	✓
COLD EXPANSION PEX	✓	✓	✓	✓
CPVC		✓		
PRE-FAB DROP		✓		
<b># OF PORTS</b>	3	4		4
<b>AVAILABLE WITH STOPS</b>	✓	✓	✓	
<b>DETAILS</b>	<b>Does not include</b> mixing cartridge Mixing valve cartridge (1212) 2-Series & (1213) 3-Series are included in trim	<b>Does not include</b> mixing cartridge Mixing valve cartridge (1212) 2-Series & (1213) 3-Series are included in trim	<b>Does not include</b> mixing cartridge (1213) <b>Does include</b> transfer cartridge Two valve options: -Shared functionality 3 or 6 function (U362 valves) -Independent functionality 2 or 3 function (U232 valves)	<b>Does include</b> transfer cartridge Two valve options: -Shared functionality 3 or 6 function (U361 valves) -Independent functionality 2 or 3 function (U231 valves)

Image: A comparison table illustrating different M-CORE valve options, including mixing valves, integrated transfer valves, and transfer valves, detailing connection types, number of ports, and functionality.

## WARRANTY AND SUPPORT

Your Moen U361CX M-CORE Transfer Valve is backed by Moen's commitment to quality and customer satisfaction.

- **Warranty:** This product is covered by **Moen's Limited Lifetime Warranty**. This warranty typically covers defects in material and manufacturing for the original consumer purchaser. For full details and terms, please refer to the

warranty documentation included with your product or visit the official Moen website.

- **Customer Support:** For technical assistance, troubleshooting, warranty claims, or to order replacement parts, please contact Moen Customer Support.
  - **Manufacturer:** Moen Incorporated
  - Visit the official [Moen Store on Amazon](#) for product information and support resources.

Please retain your proof of purchase for warranty purposes.



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This manual is for informational purposes only. Always consult a qualified professional for plumbing installations.