

IMPORTANT: Installer must caulk all sides of the back plate/canopy with <sup>1</sup>/<sub>4</sub>" bead of RTV silicone to the mounting surface when installing a wall mounted fixture that is UL listed for "Wet Location" use.

# HOW TO INSTALL YOUR WALL-MOUNTED FIXTURE

Select the fixture before the electrical outlet boxes are built into the structure. The size of the fixture correlates with the ideal positioning of the electrical box. The top of a fixture should never be higher than the top of the door. The top of the fixture should sit at least 12 inches under the top of the door.

Wall-mounted and wall-bracket fixtures should be mounted on a flat surface. With clapboards or shingles a mounting block can be made with the clapboard or shingle profile to professionally attach the brackets to the siding.

**NOTICE:** For all electrical connections, use UL or ETL listed wire connectors suitable for the size, type and number of connectors. No loose strands or loose connectors should be present. Secure wire connectors with UL or ETL listed electrical tape. **DO NOT ALLOW FIXTURE TO HANG BY ELECTRICAL WIRES** at any time during assembly.

**CAUTION:** Do not exceed the recommended maximum wattage (40 watts for fixtures with candle sockets, and 100 watts for porcelain sockets with bulb at base). Due to the cumbersome nature of working with heavy objects on ladders, it is recommended that two people participate in the installation process. Grounded wire approved for wet locations must be used for all exterior (wet) locations.

Before installing, be certain that all power to fixture is turned off at the source (circuit breaker / fuse box). Supply wires should not be frayed, cracked or otherwise damaged.

#### **Bracket-Mounted Fixture for Iron Wall Bracket:**

- 1. Before mounting bracket, pull the black, white, and grounding wires out of the electrical box in the wall.
- 2. Place fixture in bracket and slide wires from the fixture through the hollow tube until they exit the hole in the back of the mounting plate.
- 3. Using the twist-on wire connectors, connect the white wire from the font to the white wire that comes out of the hole in the wall. Repeat for the black and ground (copper) wire. As an extra safety measure, wrap each twist-on wire connector with black electrical tape.
- 4. Attach the square back plate (connected to the bracket) to the building wall using the four supplied screws.
- 5. Caulk between bracket and wall at top and sides with suitable RTV or silicone compound to prevent water from entering the outlet box. Leave the bottom clear to allow moisture to escape.

Final assembly:

- 6. Place the wax candle covers and/or metal rings over the lamp holders before installing light bulbs. With porcelain sockets, install metal socket cover before inserting light bulbs.
- 7. Restore electricity and check the operation of your new lighting fixture.



# How to Install Your Wall-Mounted Fixture (Page 2)

#### Bracket-Mounted Fixture for Iron Supporting Arm Bracket: (Fixtures that sit on the bracket)

- 1. Before mounting bracket, pull the black, white, and grounding wires out of the electrical box in the wall.
- 2. Place fixture on top of the iron bracket collar and slide wires from the fixture through the hollow tube until they exit the hole in the back of the mounting plate.
- 3. Using twist-on wire connectors, connect the white wire from the wall to the white wire from the fixture. Repeat for the black wire. Attach the ground (copper) wires to the green screw on the crossbar. As an extra safety measure, wrap each twist-on wire connector with black electrical tape.
- 4. Attach the square back plate (connected to the bracket) to the building wall using the four supplied screws.
- 5. Caulk between bracket and wall at top and sides with suitable RTV or silicone compound to prevent water from entering the outlet box. Leave the bottom clear to allow moisture to escape.

### Final assembly:

- 6. Place the wax candle covers, and/or metal rings over the lamp holders before installing light bulbs. With porcelain sockets, install metal socket cover before inserting light bulbs.
- 7. Restore electricity and check the operation of your new lighting fixture.

## **Installing Wall-Mounted Fixture:**

- 1. Screw the cross bar that slides along the threaded rod to the front of the outlet box, keeping flared neck facing the bar.
- 2. Screw the threaded nipple about halfway into the crossbar.
- 3. If the mirror or pewter reflector is installed inside the fixture, remove them. Remove the support plate from inside back of fixture.
- 4. Using twist-on wire connectors, connect the white wire from the wall to the white wire from the fixture. Repeat for the black wire. Attach the ground (copper) wires to the green screw on the crossbar. As an extra safety measure, wrap each twist-on wire connector with black electrical tape.
- 5. Once the wires are connected, wrap each twist-on connector with black electrical tape.
- 6. Separate the connected wires so that the black wires are on one side of the outlet box and white wires are on the other side.
- 7. Screw the locknut onto the threaded nipple and tighten to hold the fixture in place. Make sure the nut and nipple are flush at the back of the fixture.
- 8. Put the mirror (if required) or pewter reflector plate in place inside the back of the fixture. Press tabs to hold mirror or pewter reflector plate in place inside on the back of the fixture.
- 9. Caulk between the back of the fixture and wall at top and sides with suitable RTV or silicone compound to prevent water from entering the outlet box. Leave the bottom clear to allow moisture to escape.

Final assembly:

- 10. Place the wax candle covers, and/or metal rings over the lamp holders before installing light bulbs. With porcelain sockets, install metal socket cover before inserting light bulbs.
- 11. Restore electricity and check the operation of your new light fixture.



# HOW TO INSTALL GLASS IN YOUR WALL MOUNTED FIXTURE

Using Rubber Gloves and two hands:

1. Install the first side panel (either right or left)

Slide one glass side pane in the front door and between the candle holder, tilting away from the side where the glass will seat. Once all the way into the lantern, tilt the top towards the side where it will be installed and carefully slide the top of glass up into the top slot of the window frame. Once the glass is all the way up into the slot, the bottom can be shifted into the window and the piece of glass can gently slide down into the bottom slot.

## 2. Install rear mirror first (if applicable)

For Partial mirror where applicable, place the mirror between the two copper side tabs and gently bend the side tabs until the mirror is snug.

For Full width mirrors, slide the mirror holder up so the bottom is above the candle font, slide the mirror glass in from the side tilted to towards the back. Slide the mirror up into the top channel of the mirror holder. Tilt back and allow the bottom to slip into the lower slot. Shift mirror towards side glass panel first installed.

## 3. Install pewter reflector (if applicable)

Hook the tab on the back of the pewter reflector into the tab holder in the rear of the lantern behind the bulb.

4. Install the side panel (either right or left)

Repeat Step 1 for the second side panel. Once installed, center the mirror in the back of the lantern.

## 5. Install the door glass panel

In the same manner as side panels, slide the door pane up into the top slot, allowing it to the slip down into the bottom slot.

## 6. Install the glass chimney

Install the light bulb. Once the fixture is working, slide the top of the glass chimney up into the top of the lantern, lowering it down over the bulb and gently into the shade holder.