



Marley
 Engineered Products
 An **SPX** Company

Multiple Voltage Replacement Motor

Installation Instructions

The motor provided is a service replacement part for the motor ordered. The replacement may have a different part number from the part ordered.

The replacement motor has four motor leads that are colored white, black, blue and red. There are two orange wire nuts and a wire tie provided for wiring purposes.



WARNING

WARNING - DANGER OF ELECTRICAL SHOCK.

DISCONNECT ALL POWER TO THE HEATER AT THE MAIN SERVICE BEFORE SERVICE THE HEATER.

INSTALLATION

1. Disconnect all power to the heater at the main service panel. Remove the fan blade from the heater. Care should be taken to prevent damage to the fan blade. Do not bend or distort during removal. Disconnect the motor leads from the heater and remove the motor from the heater.
2. Check the heater nameplate and prepare the replacement motor for wiring as follows:
 - A. Heaters with nameplate voltage of 208 volts: Cut off the terminals on the blue and red motor leads and cap each off the orange wire nuts provided. Do not connect the blue and red leads together. They must be separated. The white and black wires will be used for connection to the heater.
 - B. Heaters with nameplate voltage of 240/208 volts: Cut off the terminals on the black and red motor leads and cap each off with the orange wire nuts provided. Do not connect the black and red leads together. They must be separated. The white and blue wire leads will be used for connection to the heater.
 - C. Heaters with nameplate voltage of 277 volts: Cut off the terminals on the black and blue motor leads and cap each off with the orange wire nuts provided. Do not connect the black and blue leads together. they must be separated. The white and red wire leads will be used for connection to the heater.

3. Mount the replacement motor and route the two wire leads that still have terminals attached to the wiring locations where the old motor was connected. Color orientation is not important. Route the two wire leads with the wire nuts attached to a location away from the fan blade and away from the heating element. Use the wire tie provided to hold the wires away in a safe place.
4. Re-attach the fan blade to the motor and check for clearances. The fan blade should spin freely and not touch wires or metal parts when rotated. Confirm that the motor is correctly wired using the following table:

NAMEPLATE VOLTAGE	MOTOR CONNECTIONS
208 Volts	White and Black
240/208 Volts	White and Blue
277 Volts	White and Red

5. Re-connect power to the heater and check the heater operation through at least one (1) on/off cycle to confirm the heater is working properly. Please note that the heater is equipped with a fan delay feature. the motor operation is delayed several seconds after the heating elements have been energized and stays on several seconds after the heating elements have been de-energized.

HOW TO OBTAIN WARRANTY SERVICE AND WARRANTY PARTS PLUS GENERAL INFORMATION

1. Warranty Service or Parts **1-800-642-4328**
2. Purchase Replacement Parts **1-800-654-3545**
3. General Product Information **www.marlymep.com**

Note: When obtaining service always have the following:

1. Model number of the product
2. Date of manufacture
3. Part number or description



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