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Instructions to Install Class 2 Power Supply in a Wall for Powering the myQ Pet Portal

For use with MYQPPPWRHW kit only. Refer to myQ Pet Portal Installation Instructions for additional details.

This document provides alternate instructions to use for in-wall power supply instead of the Listed power supply that plugs into wall outlet.

Important Safety Instructions

Safety Symbol and Signal Word Review

When you see these Safety Symbols and Signal Words on the following pages, they will alert you to the possibility of serious injury or death if you do not comply with the warnings that accompany them. The hazard may come from something mechanical or from electric shock. Read the warnings carefully.

When you see this Signal Word on the following pages, it will alert you to the possibility of damage to your property or product if you do not comply with the cautionary statements that accompany it. Read them carefully.

WARNING

MECHANICAL

WARNING

ELECTRICAL

CAUTION

WARNING

IMPORTANT INSTALLATION INSTRUCTIONS

To reduce the risk of SEVERE INJURY or DEATH:

- A UL Listed minimum 4 gang junction box and cover will need to be purchased to install the provided power supply in junction box in the wall.
- Installer shall use the provided UL Recognized Class 2 power supply to power the myQ Pet Portal.
- All wiring and installation shall be in accordance with the NEC and local ordinances.
- Refer to the wiring diagram for required mounting orientation.
- Before commencing installation, disconnect the power supply from the utility or ensure the breaker is turned off. Ensure that it cannot be re-connected inadvertently!
- Keep proper ventilation around the power supply. Maintain a 10-15 cm clearance when the adjacent device is a heat source.
- Risk of electrical shock and energy hazard. All failure should be examined by a qualified technician. Please do not remove the case of the power supply by yourself!
- Using the wrong type of power supply may result in damage.
- Risk of irreparable damage. Power supply must be located indoors.
- Do not install power supply in places with high ambient temperature or close to fire source.



WARNING: This product can expose you to chemicals including lead, which are known to the State of California to cause cancer or birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Important Safety Instructions



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What's In the Box



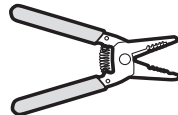
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Power Supply Requirement	Input: 100-240VAC 1.2A Output: 24VDC 2.5A (60W)
Included Power Supply Dimensions	6 1/2 inch x 1 3/4 inch x 1 1/4 inch or 162.5 mm x 42.5 mm x 32 mm
Recommended Class 2 Wire Size	UL rated minimum 18 AWG, 300V, 90C
Protection Against Electric Shock	Class 2

Supplies and Tools Needed



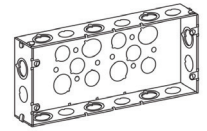
Wire Crimper



Flat Head Screwdriver



Single edge 3/4"
Non Marring Plastic Scraper



Junction Box (minimum
4 gang box) and cover



Wire Cutters



Phillips Screwdriver



Pencil

Additional Items You May Need:

- Wire & Wire Connectors (see Specifications for details)
- 120V Light Switch (recommended for local on/off power control of the Pet Portal)
- Light switch junction box (if needed)

What's In the Box

- Installation Instructions
- 1 Powered Hinge
- 1 UL Recognized Class 2 Power Supply: 24v DC 60-watt
- 4 Wire Crimps

Installation Instructions

Inspect Portal and Wiring

This section replaces the "Connect and Test Power" instructions from the Pet Portal Installation Instructions. Instead, use the following guide to complete a visual inspection of the portal and wiring BEFORE installation.

1. Place the door upright, near the intended installation location.
2. Remove the plug from the Manual Drive access, and use a flat head screw driver in the Manual Drive slot to turn open and close the Elevator Portal Doors, checking for ease of motion on the track. **IMPORTANT:** If the doors do not move, contact Support at 844-697-7387.
3. Carefully pry the Service Panel Trim with a plastic scraper, starting at a corner. Lift along and follow around the trim shape until it releases from the door slab.

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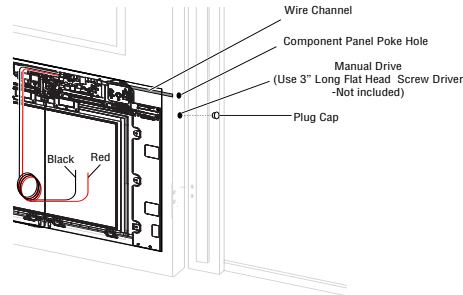


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Installation Instructions (Continued)

4. Unscrew the Component Cover to access the spooled Red and Black wire connected to the Logic Board. **IMPORTANT:** Do not pull on the wire connection. TIP: Secure loose component cover screws in place with tape as you work.
5. Inspect the wiring for any damage, like exposed bare wire or pinched wire. If any damage is suspected, contact support at 844-697-7387.
6. Before proceeding with installation, cover the exposed Pet Portal with plastic and tape to prevent debris from entering it as you install the door, OR, reattach the Service Panel Trim.



Proceed with Installation

1. Install in accordance with all applicable building, national, and local electrical codes.
2. All wiring shall be completed by a qualified and licensed electrician.
3. All wiring shall be permanently installed.
4. The Pet Portal must be installed in a location that has access to AC power within 15 feet.
5. Install the door per provided Outswing & Inswing Entrance Door Installation Instructions.
6. Turn off or disconnect AC power to any and all relevant circuits.
7. Install and secure the the UL Listed junction box within 15 feet of the Pet Portal. Use at least a 4-gang junction box that is 2.5 inches deep.
8. If an optional UL Listed switch is used, install it into the power supply junction box or a separate UL listed junction box.
9. Install the power supply into the junction box.
10. Connect the Brown (AC Line) and Blue (AC Neutral) Power Supply input wires to the optional switch (if used) or to AC Mains. If installing the optional switch, follow the switch installation instructions.
11. At the middle hinge location, drill a 1/4" hole through the hinge jamb and interior wall. This allows the hinge wires to pass into the wall.
12. Connect the Red (DC+) and Black (DC-) Class 2 Power Supply output wires to the Red (DC+) and Black (DC-) wires on the wall side of the powered hinge. Use strain relief if required. If using additional wire, UL approved wire rated minimum 18 AWG, 300V, 90C should be used to connect to the power supply.
13. Ensure that the mains and class 2 output wiring is separated within the junction box according to applicable codes.

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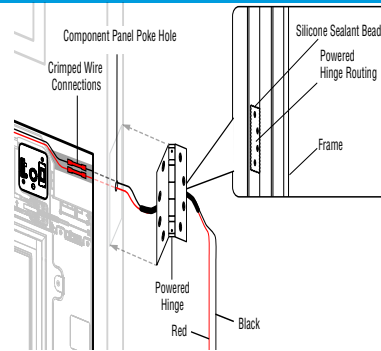
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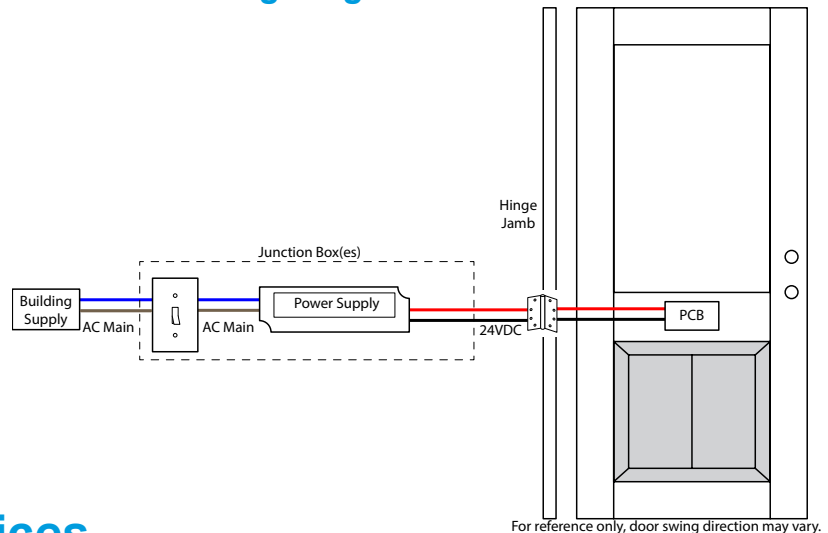


Installation Instructions (Continued)



14. Inside the Pet Portal, locate the spooled wire connected to the logic board. Connect the Red and Black wires of this cable to the Red and Black wires on the door side of the powered hinge using the provided butt splices. Gently secure the connection inside the wire channel or within the component cover area.
15. Install the wired middle powered hinge to the door. Apply a bead of silicone sealant around the hinge route on the frame and then install the powered hinge in the middle on the frame.
16. Turn on or reconnect the AC power that was previously turned off or disconnected.
17. Return to the myQ Pet Portal Installation Instructions for steps to Check Power and Program.

Recommended Wiring Diagram



Notices

FCC Information and Notices

NOTICE: This device complies with part 15 of the FCC rules and Innovation, Science and Economic Development Canada license-exempt RSSs. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device must be installed to ensure a minimum 20 cm (8 in.) distance is maintained between users/bystanders and device.

This device has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules and Industry Canada ICES standard. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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