

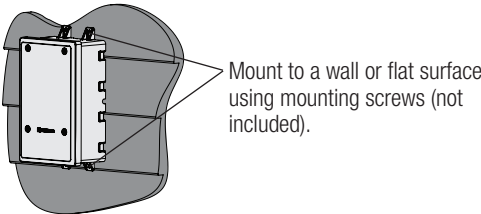
Pre-Installation Checklist

- ☐ Power is removed to all equipment in the system.
- ☐ All safety precautions have been read in the Installation manual.
- ☐ The Smart Relay requires a Neutral connection if using 115 VAC. Before installation, confirm that there is a Neutral line available or run one separately.
- ☐ All of the necessary mounting hardware has been gathered; four #8 screws (Smart Relay), and six fasteners appropriate for mounting surface (Wiring Hub and Control Pad).
- ☐ All of the necessary tools have been gathered (drill, drill bits, knife, Phillips & flathead screwdrivers, level, wire cutters/strippers, channel lock pliers).
- ☐ The Wiring Hub, Control Pad, and Smart Relay will be mounted a minimum of 6' horizontal distance from the pool or spa and a minimum of 4' vertical distance off the ground.
- ☐ The Control Pad and Smart Relay will be mounted a maximum of 15' from the Wiring Hub.
- ☐ The Control Pad will be mounted in a location that is convenient for viewing and changing settings.
- ☐ The Control Pad will be mounted with enough clearance above the enclosure so that the flip door will be able to open fully.

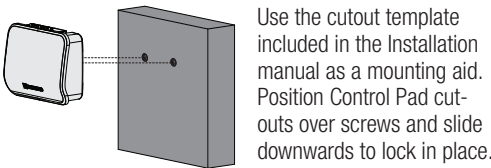
IMPORTANT: This Quick Start Guide is intended for use as a quick reference when installing the OmniHub. If you have any questions, please refer to the Installation manual for more information. For information on how to operate your OmniHub, please refer to the Operation manual.

1 Mounting

A. Mount the Wiring Hub



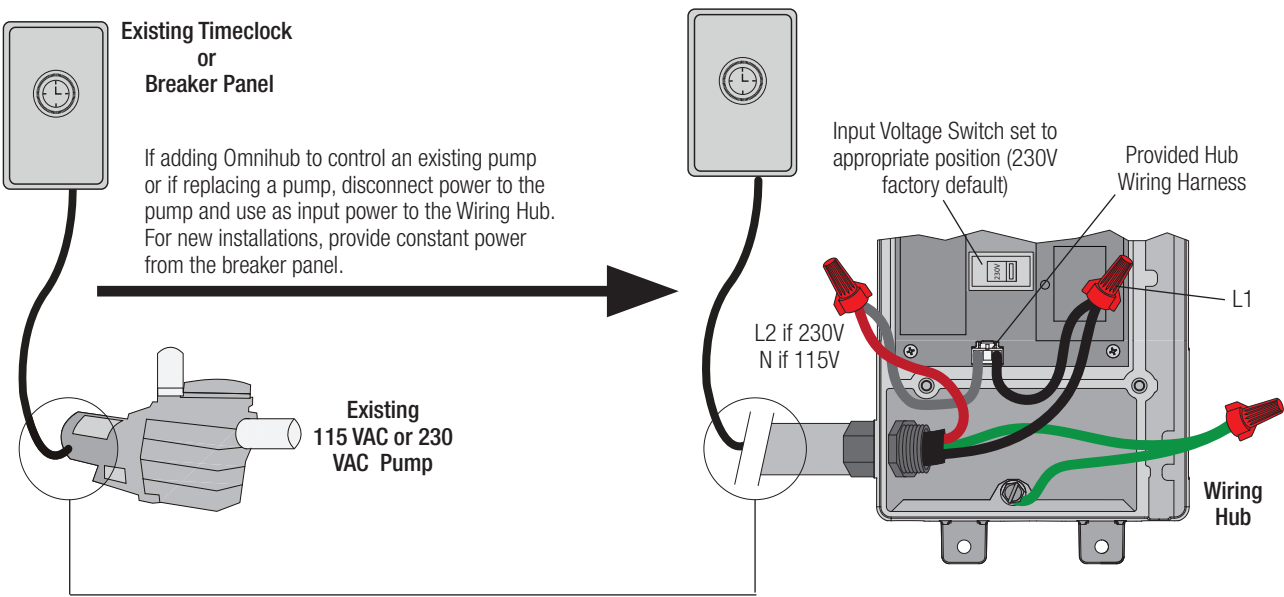
B. Mount the Control Pad



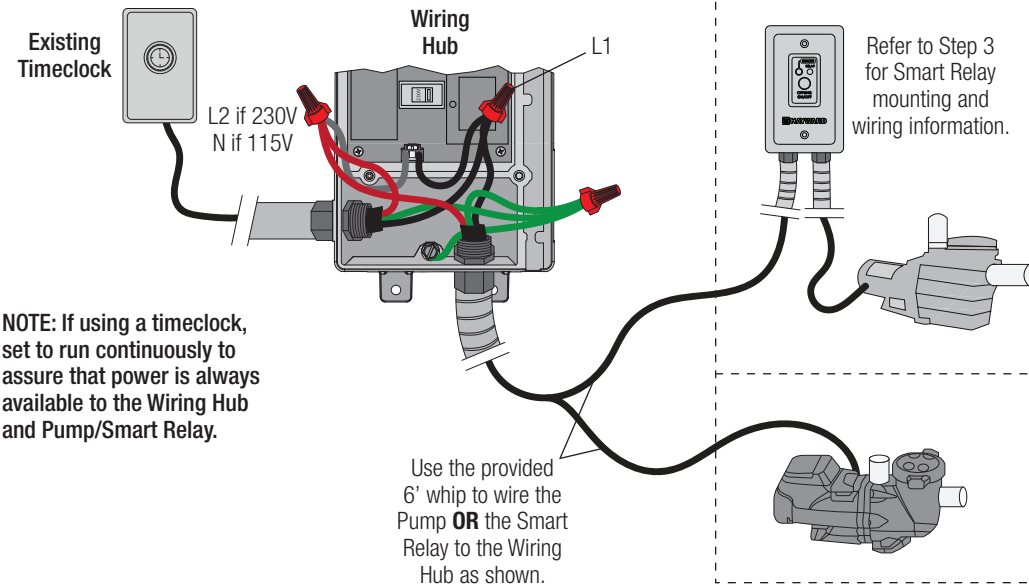
2 Hub Input Wiring



Stop! Proceed only if the OmniHub and the pool pump will be operating at the same voltage (either 115 or 230 VAC). If not, refer to the OmniHub Installation manual.



3 Pump High Voltage Wiring



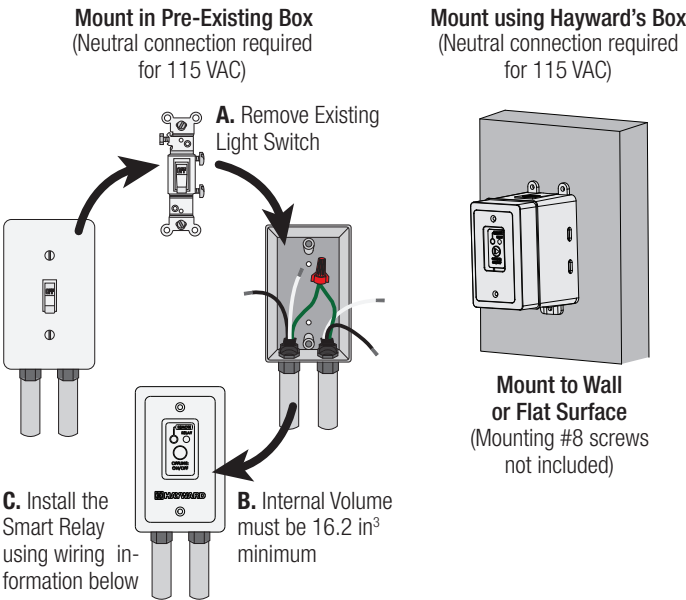
Follow this step only if you have a single speed pump, non-Hayward variable speed pump or a Hayward variable speed pump that is not supported by the OmniHub. For two-speed pumps, refer to manual.

Use the provided 6' whip to wire the Smart Relay to the pump as shown. If pump is a variable speed, it must be set to run at a single speed. The OmniHub will turn it on and off based on a schedule. If variable speed control is desired, consider purchasing a new Hayward pump which allows for full communication with the OmniHub.

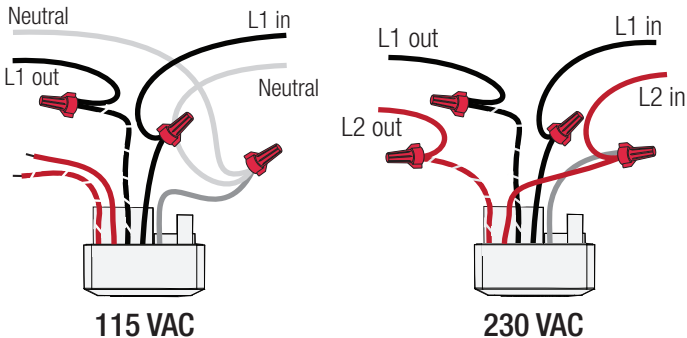
Follow this step only if you have a Hayward variable speed pump that is supported by the OmniHub (refer to Hayward website).

See Step 5 on back page for Pump Low Voltage communication wiring.

4 Smart Relay Mounting & Wiring



115 VAC	Smart Relay Wire Colors	240 VAC
Line in	Black	Line 1 in
Load out	Black/White	Load 1 out
Neutral	Gray	Connect Gray & Red to Line 2 in
No Connection	Red	
No Connection	Red/White	Load 2 out



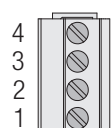
5 Low Voltage Wiring

Smart Relay Communication Wiring



Use the provided 15 ft, 3 conductor (red, black and bare wire) cable for connection from Hub to Hayward variable speed pump.

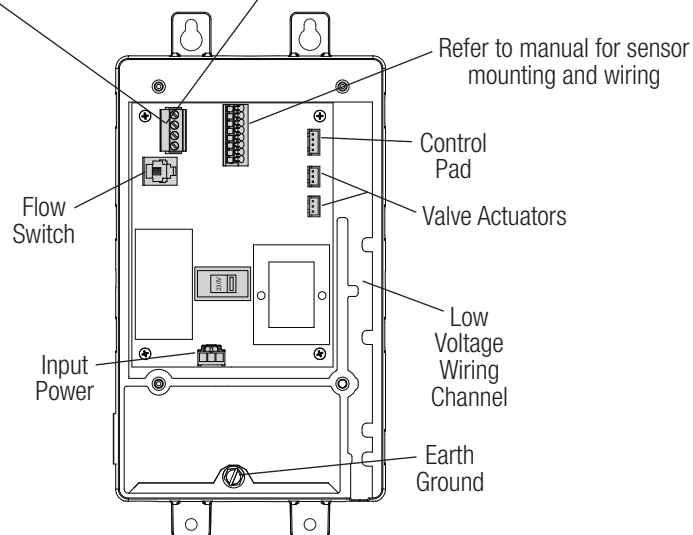
Variable Speed Pump Communication Wiring



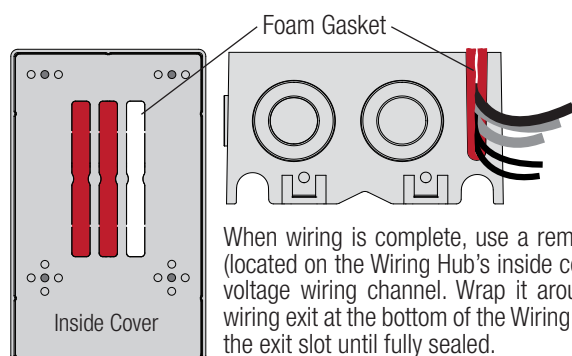
Pump Model	Hub Conn.	Pump Conn.
TriStar® VS 950 Omni (before Jan 2019)	2	7
TriStar® VS 950 Omni (after Jan 2019)	3	8
TriStar® VS 900 Omni	4	1
Super Pump® VS 700 Omni	2	A
MaxFlo VS 500 Omni	3	B
	4	COM



NOTE: Disconnect the pump's onboard display and for models with dipswitches, set all dipswitches to the OFF position (as shown). Use the spare connector taped to the display cable for the communication cable connection.



Seal Low Voltage Wiring Channel With Foam Gasket

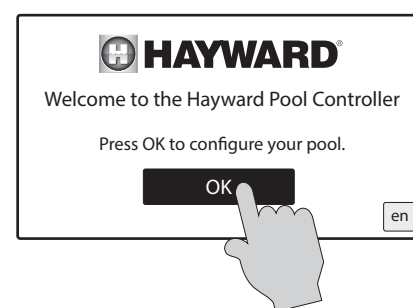


When wiring is complete, use a removable foam gasket (located on the Wiring Hub's inside cover) to seal the low voltage wiring channel. Wrap it around the low voltage wiring exit at the bottom of the Wiring Hub and work it into the exit slot until fully sealed.

6 Configuring the OmniHub

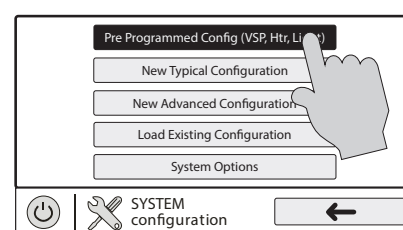
A. Power On the OmniHub

Once all equipment is mounted and wired correctly, power on the system at the circuit breaker. If using a timeclock, set to run continuously. Press OK to configure the OmniHub.



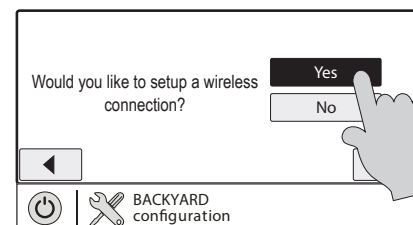
B. Select Configuration

OmniHub Configuration using the Pre-Programmed Configuration Wizard (one VSP, one heater, and one smart relay for lights) is shown below. If your equipment differs, refer to the Installation manual.



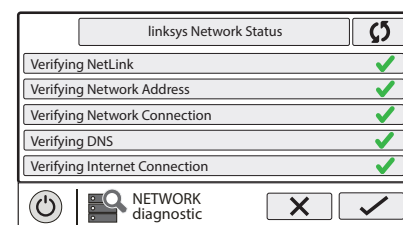
C. Set Up Wireless (Optional)

Select "Yes" on the screen below to set up a wireless connection. If a wired connection is desired, select "No" and refer to the Installation manual for further instruction.



D. Connect to Home Network

Input your home network access point's password on the next screen. The screen below will then appear and run diagnostic checks to verify connection. Refer to the installation manual for troubleshooting.



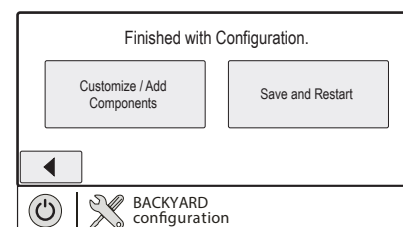
E. Verify Configuration

After verifying connection to the home network, the next screen will show the configuration summary. Verify that the information on the screen is correct and then press the check mark to move on.

Configuration Summary		
devices	HUA	
AirSensor	a0-41-03-41-28	SENS2 (AIR TEMP)
Filter Pump	10-01-10-45-5a	Variable Speed...
WaterSensor	a0-41-03-41-28	SENS1 (POOL...)
Heater	a0-41-03-41-28	LVR1
Light	90-31-03-42-36	HVR1

F. Finish with Configuration

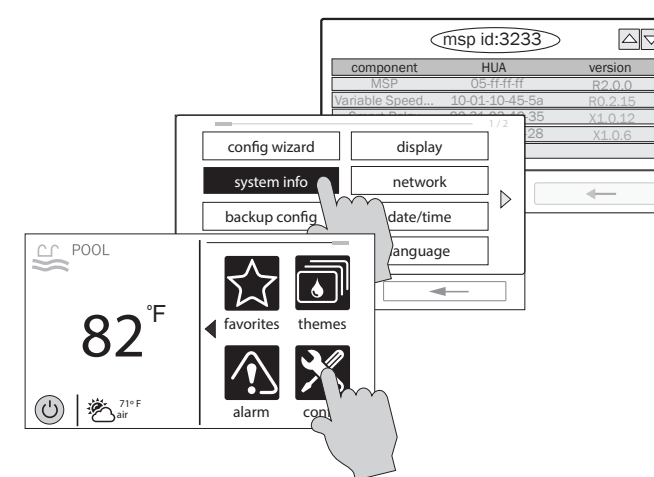
Press "Save and Restart" to save the configuration and begin operating the OmniHub. If you would like to make any additional changes to the configuration, press "Customize / Add Components".



7 Register on the Web

A. Find your MSP ID

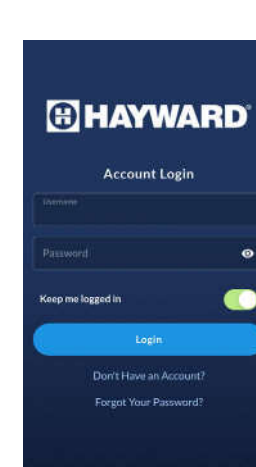
After configuration, the OmniHub can be controlled from your mobile device. You must first create an account and register your OmniHub using Hayward's "OmniLogic" app available in your device's app store. During registration, you'll be asked for the OmniHub's MSP ID to link to your account. To find the MSP ID, follow the steps below using the touchscreen Controller.



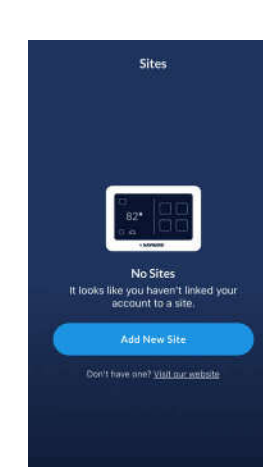
B. Create an OmniLogic Account on OmniLogic App

Download the "OmniLogic" app from your mobile app store. Launch the app and select "Don't have an account?" at the bottom of the screen. Follow the prompts until your account is setup.

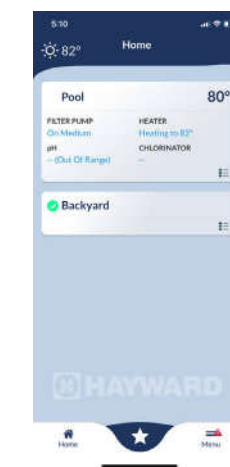
After setup, select "Add New Site" to link the OmniHub to your account. Input your MSP ID and fill out the remaining information. With the OmniHub now linked to your account, you can control your pool remotely from any PC, laptop, or mobile device. For computers, go to haywardomni.com and log in to your account. For mobile devices, download the OmniLogic app and then log in to your account.



Set up account



Link OmniPL



Control Pool