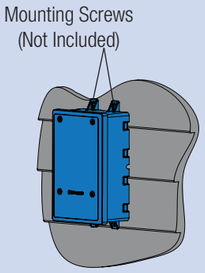
VS Omni™ Installation Quick Start Guide

Pre-Installation Checklist

- ☐ Power is removed to all equipment in the system.
- ☐ All safety precautions have been read in the Installation manual.
- ☐ All parts listed in the Installation manual are included in the box.
- ☐ 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 including nylon cable ties (for pole or rebar mounting), four #8 screws (Smart Relay), and six fasteners appropriate for mounting surface (Wiring Hub & 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.

1

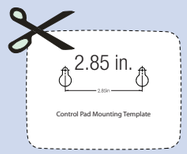
Mount the VS Omni Wiring Hub



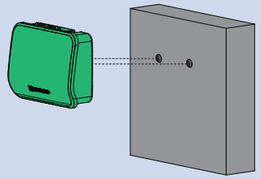
Mount to Wall or Flat Surface

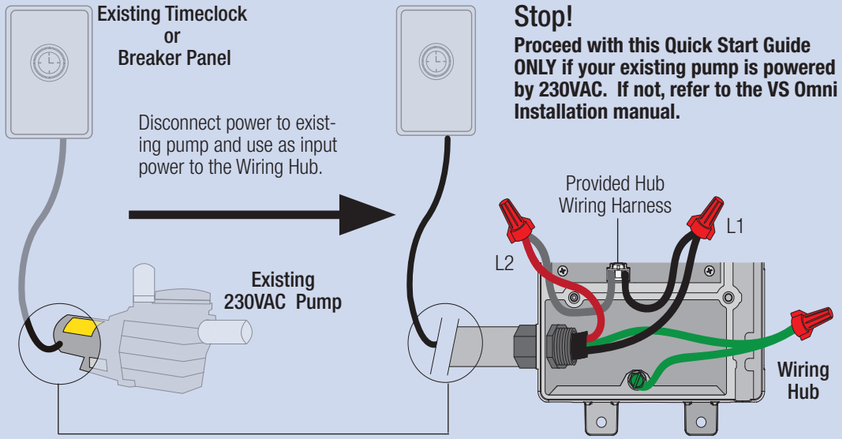
Mount the VS Omni Control Pad

To mount the Control Pad, cut out and use the template included in the Installation



Position Control Pad cutouts over screws and slide downwards to lock in place. Tighten the screws as necessary for a snug fit.



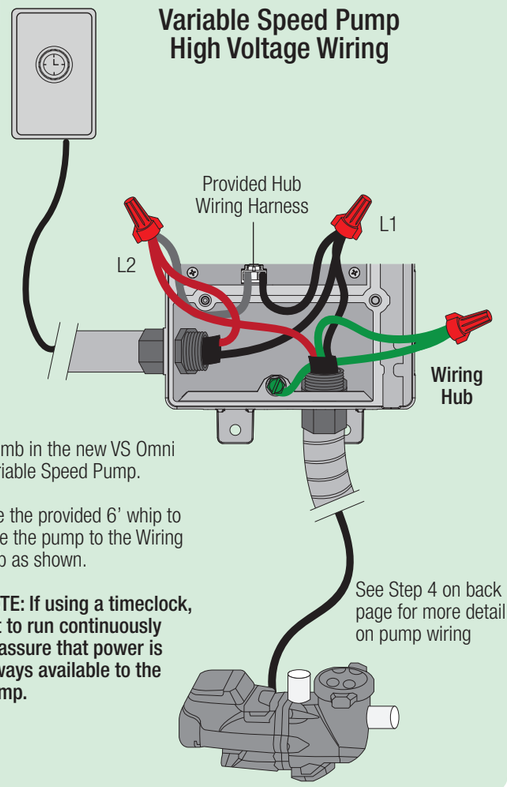


Stop!

Proceed with this Quick Start Guide ONLY if your existing pump is powered by 230VAC. If not, refer to the VS Omni Installation manual.

2

Variable Speed Pump High Voltage Wiring



Plumb in the new VS Omni Variable Speed Pump.

Use the provided 6' whip to wire the pump to the Wiring Hub as shown.

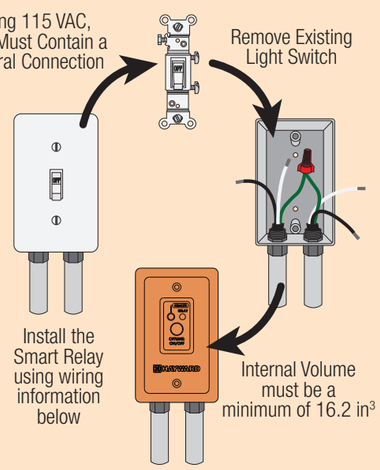
NOTE: If using a timeclock, set to run continuously to assure that power is always available to the pump.

See Step 4 on back page for more detail on pump wiring

3

Mount the Smart Relay in a Pre-Existing Box

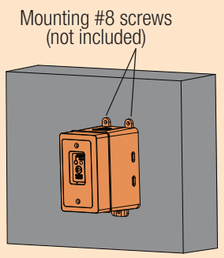
If using 115 VAC, Box Must Contain a Neutral Connection



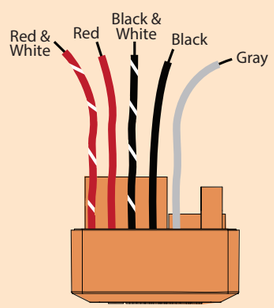
- OR -

Mount the Smart Relay Using Hayward's Box

If using 115 VAC, Box Must Contain a Neutral Connection



Mount to Wall or Flat Surface

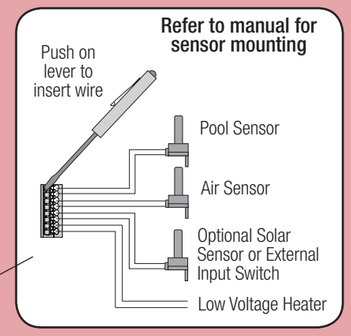


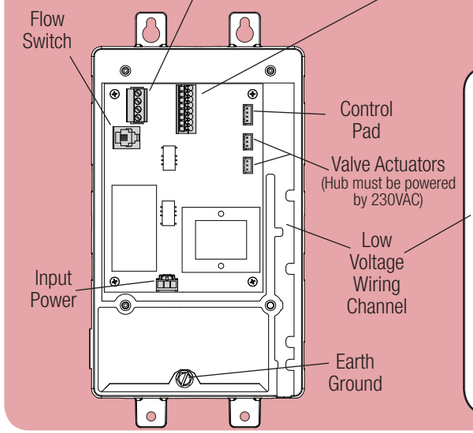
120 VAC	Smart Relay Wire Colors	240 VAC
Line in	Black	Line 1 in
Load out	Black/White	Load 1 out
Neutral	Gray	Connect Gray & Red to Line 2 in
No Connection	Red	
No Connection	Red/White	Load 2 out

4

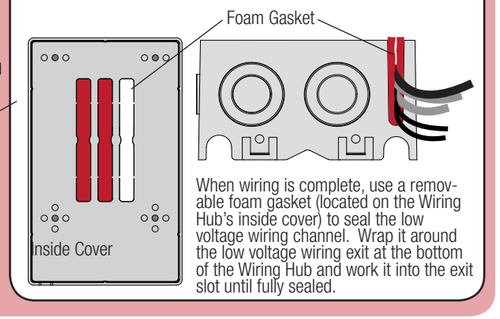
Low Voltage Wiring

Smart Relay Communication Wiring





Seal 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.

VS Omni™ Installation Quick Start Guide

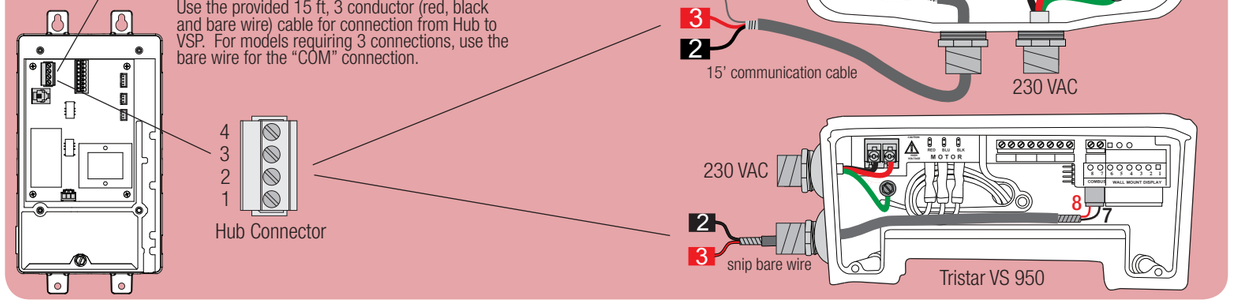
4 Continued

VSP Communication Wiring

	Hub Conn.	Pump Conn.
TriStar® VS 950 Omni	2	7
	3	8
*TriStar® VS 900 Omni	2	A
*Super Pump® VS 700 Omni	3	B
*MaxFlo VS 500 Omni	4	COM

*Disconnect onboard display and set all dipswitches to OFF position.

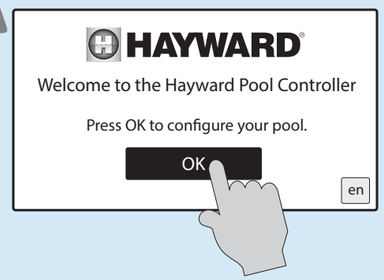
Use the provided 15 ft, 3 conductor (red, black and bare wire) cable for connection from Hub to VSP. For models requiring 3 connections, use the bare wire for the "COM" connection.



5

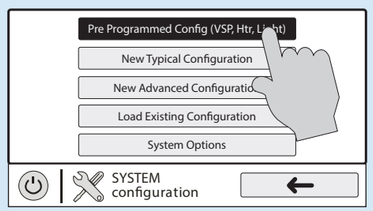
A Power On the VS Omni

Once all equipment is mounted and wired correctly, power on the system at the circuit breaker. If using a timeclock, set to run continuously. The Welcome screen will appear on the VS Omni as shown below. Press OK to configure the VS Omni.



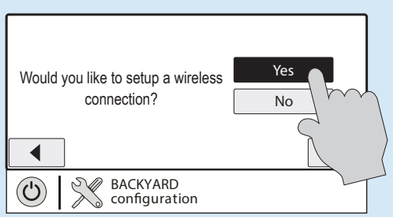
B Select Configuration

This Quick Start Guide will demonstrate the configuration process using the Pre-Programmed Configuration Wizard (one VSP, one heater, and one smart relay to control lights). If your equipment differs, see the VS Omni Installation manual for the Typical and Advanced Configuration guides.



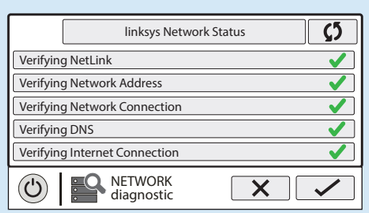
C (Optional) Set Up Wireless Connection

Select "Yes" on the screen below to set up a wireless connection to your home network. This will allow you to control the pool from mobile applications. If a wired connection is desired, select "No" and refer to the VS Omni Installation manual for further instruction.



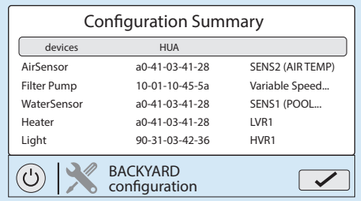
D Connecting to Home Network

Locate your home network access point from the next screen and enter its password to connect. After connecting, the following screen will appear and run a series of diagnostic checks to verify that the VS Omni has a connection to your home network. If an error occurs, consult the VS Omni Installation manual for troubleshooting.



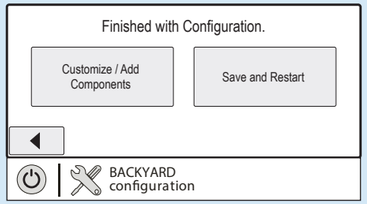
E Verify Configuration Summary

Once a connection to the home network is established, moving forward to the next screen will show the configuration summary. This screen details all of the equipment that is configured. Verify that the information is correct and then press the check mark to move on.



F Finish With Configuration

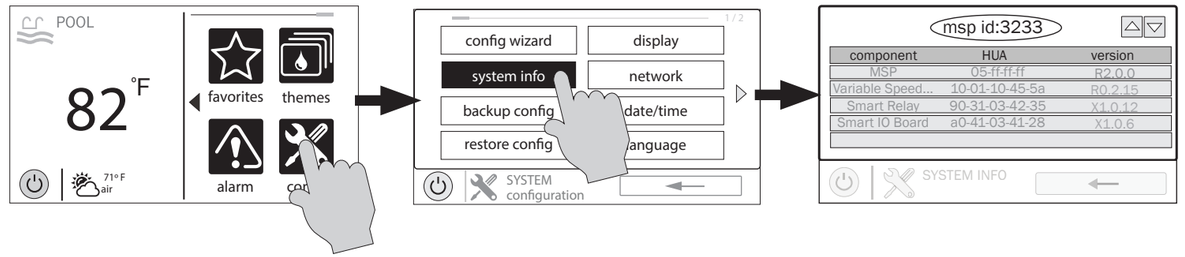
Press "Save and Restart" to save the configuration and begin operating the VS Omni. If you have any additional changes that you would like to make to the configuration, press "Customize / Add Components". For more information on editing the configuration, see the VS Omni Installation manual.



Register VS Omni at haywardomnilogic.

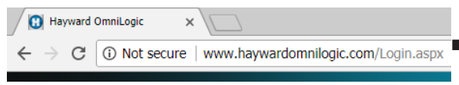
To control the VS Omni from your mobile device, you must first register your VS Omni at haywardomnilogic.com. Follow the steps below to register.

Find your MSP ID



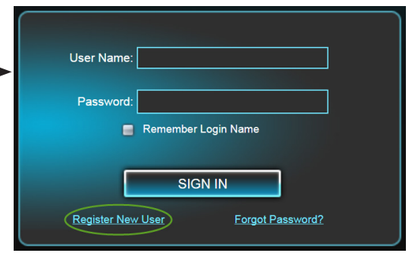
Create a haywardomnilogic.com Account

Type "haywardomnilogic.com" into your web browser.



User Name: _____

Password: _____



Press "Register New User" at the bottom of the screen. Input your information on the following screen and press "Save". Make note of your user name and password on the lines provided on the left.

Register the VS Omni

Log in with your new haywardomnilogic.com account. Read the disclaimer after logging in and press continue. Input your MSP ID on the following screen and fill out the remaining information.

Download the OmniLogic App On Your Mobile Device

Now that your VS Omni has been registered, you can control your pool remotely from your PC, laptop, or mobile device. For computers, go to haywardomnilogic.com and log in to your account. For mobile devices, download the OmniLogic app from you device's app store, then log in to your account.

VS Omni Operation

For specific information about operation (turning on equipment, setting schedules, changing heater settings, etc.) refer to the VS Omni Operation manual.

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