



WIRELESS MOTOR INTERFACE

VLINK™ QUICK START GUIDE

WIRELESS MOTOR INTERFACE QUICK START GUIDE

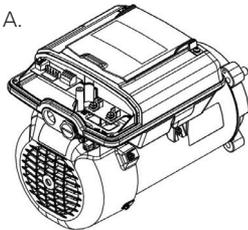


⚠ WARNING

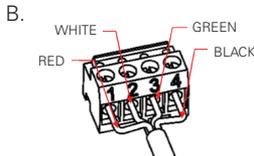
- The “Quick Start Guide” is an abbreviated version of the “Installation and User Manual”.
- Complete “Installation and User Manual” must be downloaded from www.centuryvlink.com and read completely.
- Always disconnect the main power from the motor being serviced and wait 5 minutes for capacitor voltage discharge before installing or servicing the VLink.
- Failure to follow these warnings could result in damage to equipment, serious personal injury or death.

HARDWARE INSTALLATION FOR VGREEN®165

1. Switch the motor power source off and wait 5 minutes.
2. Verify Wi-Fi signal is present in your mounting location by using your mobile device Wi-Fi, walk to the mounting location and see if the home network is available. If it is available, then this is a suitable mounting location. Otherwise you will have to choose a new location or add a Wi-Fi range extender to your home network.
3. Connect the VLink™ hardware to the motor as follows:

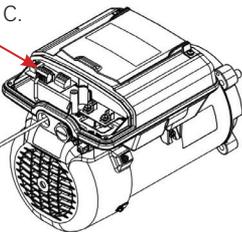


Remove the terminal box cover from the motor.

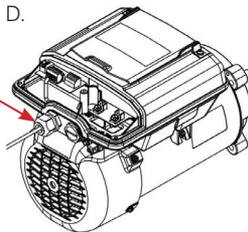


PIN #	WIRE COLOR	DESCRIPTION
1	RED	+10V
2	WHITE	RS-485A
3	GREEN	RS-485B
4	BLACK	COMMON

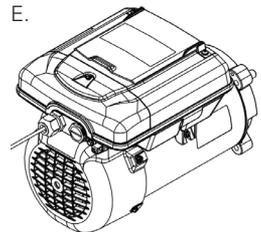
Slip the conduit fitting over the supplied communication cable and then pass the cable through the conduit opening. You are now ready to assemble the RS-485 connectors as shown above. Both RS-485 connectors are assembled to the cable the same way.



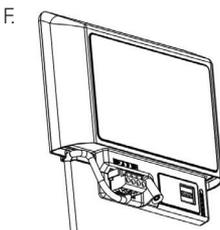
Plug the RS-485 cable into the RS-485 socket.



Slide the previously installed conduit fitting into place and snug the fitting to prevent moisture intrusion.

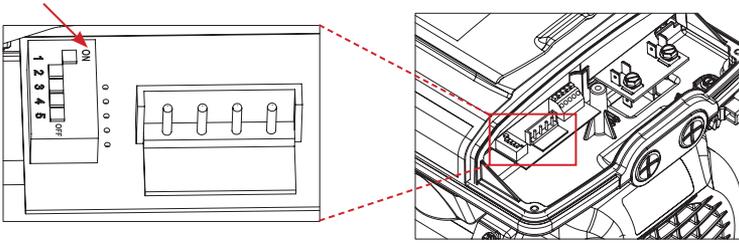


Reinstall the terminal box cover.

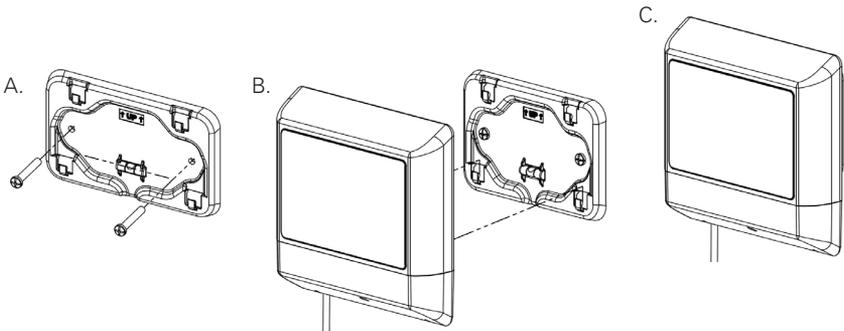


Connect the other end of the RS-485 cable to the VLink™ Wireless Adapter. It is recommended to leave the lower cover off until you have completed the Wi-Fi connection.

4. On the VGreen® 165 motor, ensure dip switch #1 is in the ON position, all others should be off. You can then apply power to the VGreen® motor. The power LED should illuminate on the VLink™.



5. Mounting the VLink™: It is best to mount away from metal objects, in a raised location and away from obstacles.



- A. Use the mounting bracket as a template to mark the holes.
The included fasteners may or may not be needed.
- B. Snap the VLink™ onto it's mounting bracket.

6. Re-install the terminal box cover. Then apply power to the motor and continue to follow instructions.



Scan for full installation and user manual

www.centuryvlink.com

WIRELESS MOTOR INTERFACE QUICK START GUIDE

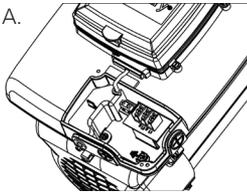


⚠ WARNING

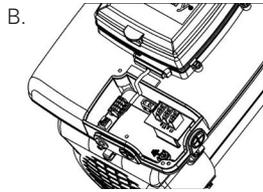
- The “Quick Start Guide” is an abbreviated version of the “Installation and User Manual”.
- Complete “Installation and User Manual” must be downloaded from www.centuryvlink.com and read completely.
- Always disconnect the main power from the motor being serviced and wait 5 minutes for capacitor voltage discharge before installing or servicing the VLink.
- Failure to follow these warnings could result in damage to equipment, serious personal injury or death.

HARDWARE INSTALLATION FOR VGREEN® 270

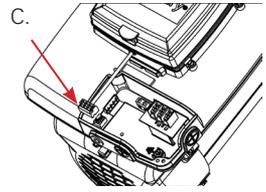
1. Disconnect the power source from the motor and wait 5 minutes.
2. Verify Wi-Fi signal is present in your mounting location by using your mobile device Wi-Fi, walk to the mounting location and see if the home network is available. If it is available, then this is a suitable mounting location. Otherwise you will have to choose a new location or add a Wi-Fi range extender to you home network.
3. Connect the VLink™ hardware to the motor as follows:



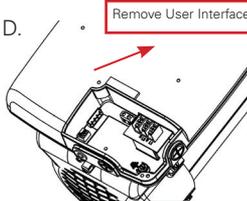
Remove the terminal box cover from the motor (two screws).



Remove the plastic wiring cover inside the terminal box (one screw).

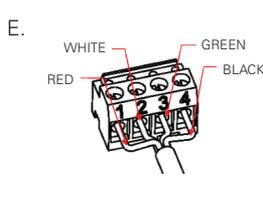


Pull up on the 4-pin communication connector disconnecting it.



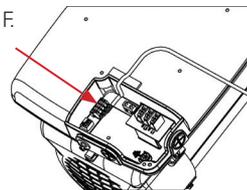
Remove User Interface

Remove the User Interface and Gasket from the controller (four screws).

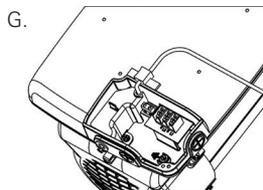


Assemble the RS-485 connector to the communication cable. Both RS-485 connectors are assembled to the cable the same way.

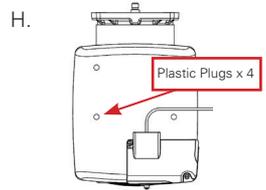
PIN #	WIRE COLOR	DESCRIPTION
1	RED	+10V
2	WHITE	RS-485A
3	GREEN	RS-485B
4	BLACK	COMMON



Plug the RS-485 cable into the RS-485 socket.

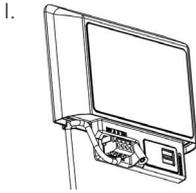


Route the RS-485 cable through the opening and replace the plastic cover inside the terminal box (one screw).



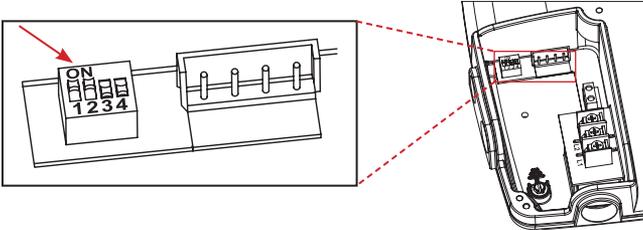
Plastic Plugs x 4

Reinstall the terminal box cover routing the cable through the opening. Plug the 4 user interface mounting holes with the plastic plugs provided.

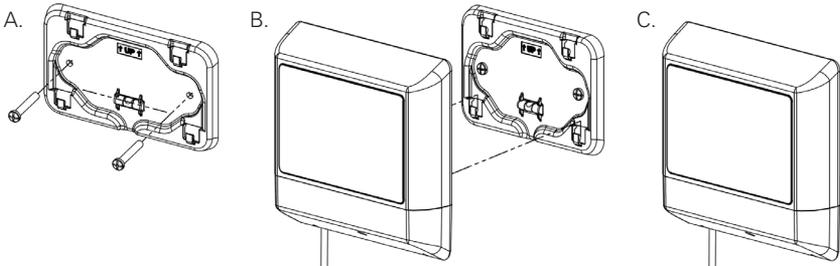


I. Connect the other end of the RS-485 cable to the VLink™ Wireless Adapter. It is recommended to leave the lower cover off until you have completed the Wi-Fi connection.

4. On the VGreen® 270 motor, ensure dip switch #1 and #2 are in the ON position, all others should be off. You can then apply power to the VGreen® motor. The power LED should illuminate on the VLink™.



5. Mounting the VLink™: It is best to mount away from metal objects, in a raised location and away from obstacles.



- A. Use the mounting bracket as a template to mark the holes.
The included fasteners may or may not be needed.
- B. Snap the VLink™ onto it's mounting bracket.

6. Re-install the terminal box cover. Then apply power to the motor and continue to follow instructions.



Scan for full installation and user manual

www.centuryvlink.com

WIRELESS MOTOR INTERFACE QUICK START GUIDE



SOFTWARE INSTALLATION FOR VLINK™ AND MOBILE DEVICES

Download and install the VLink™ App either from the Google Play store or Apple iTunes.



OR



Launch the VLink™ App and create a user account with the self guided steps. You will receive an email link to verify your account. You must verify your account to continue with the VLink™ installation.

Create an Account



Please click [this link](#) to confirm your email address.



Scan for full installation and user manual

www.centuryvlink.com

WIRELESS MOTOR INTERFACE QUICK START GUIDE



CONNECTING THE VLINK™ WIRELESS ADAPTER



Choose how you want to connect to your VLink™ Wi-Fi or WPS.

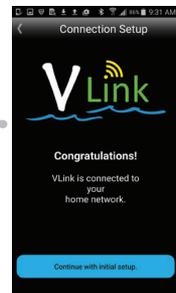
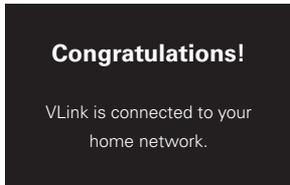
Wi-Fi Connect

1. Choose Wi-Fi connect.
2. Scan the QR Code on the back of the Wireless Adapter, this will automatically populate the Access ID Code, or you can manually enter it.
- 3a. **For iOS Users:**
 - a. Go to your device Wi-Fi settings and connect to "VLink_WA"
 - b. Enter your home router name and password (SSID & Password).
- 3b. **For Android Users:**
 - a. When prompted, select your home router.
 - b. Enter your router password.



WPS Connect

1. Choose WPS connect.
2. Scan the QR Code on the back of the Wireless Adapter, this will automatically populate the Access ID code, or you can manually enter it.
3. Press the WPS Button on your home router per the manufacturer specifications.
4. Press the WPS button on your VLink™ Wireless Adapter for less than 5 seconds.



Scan for full installation and user manual



Scan for full installation and user manual



Regal Beloit America, Inc.

531 North Fourth Street

Tipp City, OH 45371

www.centuryvlink.com

Century and Regal are trademarks of Regal Beloit Corporation or one of its affiliated companies.
©2016 Regal Beloit Corporation, All Rights Reserved. MCIM16052E • Form# C0001E

REGALTM