Instructions

15H885 Ethernet Upgrade Kit

311612B

Allows a computer to communicate with the Graco Variable Frequency Drive (VFD).

Important Safety Instructions
Read all warnings and instructions in this manual
and in Variable Frequency Drive manual 311596.
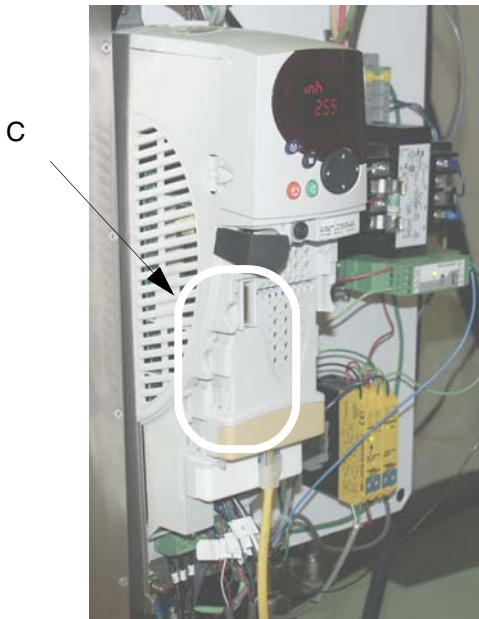Save these instructions.

✎ Refer to SM-Ethernet User Guide by Control Techniques
for detailed installation and operation instructions.

Installation and Operation

⚠️	⚡	✋				

Never install or remove the Ethernet module while power is applied to the VFD.

1. Disconnect power to the VFD.

2. Disable the Hardware Enable input (press Secure Disable switch).

3. Install Ethernet Module (C) into slot 2 on the VFD (or slot 1 if slot 2 is not available).

C

4. Apply power to the VFD.

5. If this is the first time Ethernet module is installed into the VFD, "SL2.dF" fault becomes active. Reset the fault by pressing the red Stop/Reset switch.

6. Set IP address:
   IP address is located in Pr **MM.10**, **MM.11**, **MM.12**, and **MM.13** (Pr **16.10**, **16.11**, **16.12**, and **16.13** if slot 2 is used).

   For a Fixed IP address:

   a. Default IP address is **192.168.1.100**. If default IP address is acceptable, navigate to Pr **MM.00** (Pr **16.00** if installed in slot 2), set its value to **1000,** and press the red Stop/Reset switch to save the default address, which will allow the Ethernet module to use it at every power-up.

   b. If IP address must be changed from the default, change the address, then navigate to Pr **MM.00** (Pr **16.00** if installed in slot 2), set its value to **1000,** and press the red Stop/Reset switch.

   c. For the module to start using the new address, the module needs to be reset. Navigate to Pr **MM.00** (Pr **16.00** if installed in slot 2), set its value to **1070,** and press the red Stop/Reset switch to reset the module.

✎ Note that Code **1070** will cause the AppsLite module to reset as well, which will cause the pump to stop running if it was not stopped prior to the reset.

DHCP (Dynamic Host Configuration Protocol)
DHCP server can provide the SM-Ethernet module with an IP address:

   a. Navigate to Pr **MM.05** (Pr **16.05** if installed in slot 2) and set it to 1, allowing use of DHCP.

   b. Navigate to Pr **MM.00** (Pr **16.00** if installed in slot 2), set its value to **1000,** and press the red Stop/Reset switch to save the change, which will allow the Ethernet module to use DHCP.

   c. For the module to start using DHCP and to acquire the IP address, the module needs to be reset. Navigate to Pr **MM.00** (Pr **16.00** if installed in slot 2), set its value to **1070,** and press the red Stop/Reset switch to reset the module.

✎ Note that Code **1070** will cause the AppsLite module to reset as well, which will cause the pump to stop running if it was not stopped prior to the reset.

E-Flo Software

The CD supplied with the kit includes zipfile 15K581, which contains the E-Flo software (Visual Basic application). Install the CD into your computer, extract the files from the zipfile, and follow the software installation instructions as they appear on the screen.

Once the installation is complete the icon will appear on the screen.

✎ Graco uses a Visual Basic program to display the run screen on the computer. **This software and program is not supported by Graco.**

See the instruction in the VFD manual 311596 to complete the software installation and for operating instructions.

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Phone: 612-623-6921 **or Toll Free:** 1-800-328-0211 **Fax:** 612-378-3505