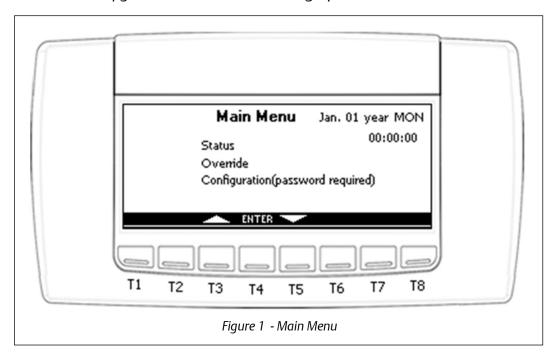
# E2 Setup with the High Pressure CO2 Controller for 527-0396

Quick Start Guide

This document will guide you through setting up and commissioning the High Pressure CO2 controller (P/N 818-9010) in the E2 controller.

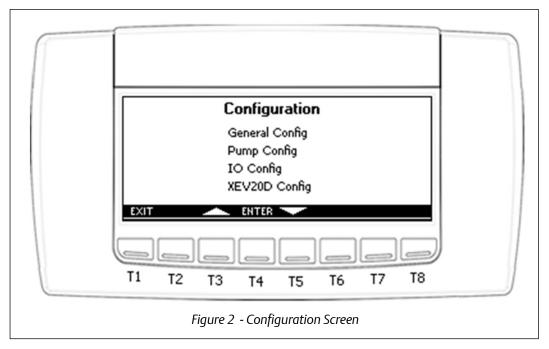
#### STEP 1: Wiring and Setting the Address of the High Pressure CO2

- 1. When wiring the RS485 polarity from E2 to the High Pressure CO2 controller:
- Verify that the (+) RS485 side of the High Pressure CO2 line is connected to the (-) side of E2 RS485.
- The (-) RS485 side of the High Pressure CO2 line must be connected to the (+) side of the E2 RS485.
- 2. To set the address on the High Pressure CO2, press the **T1**, **T3**, and **T8** buttons on the *Main Menu* screen to enter the *Configuration* screen on the Visograph.

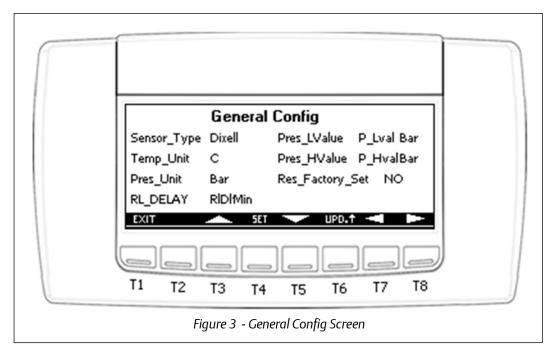




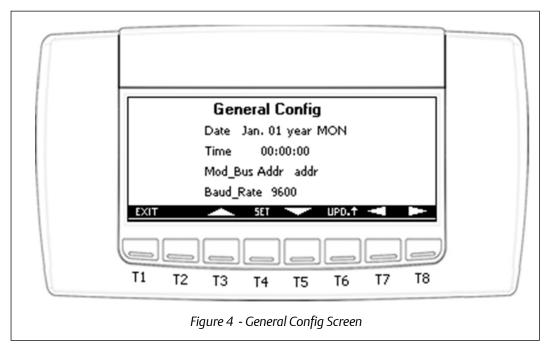
3. After entering the Configuration screen, the screen below appears.



4. Highlight **General Config** and press **T4** (**ENTER**).



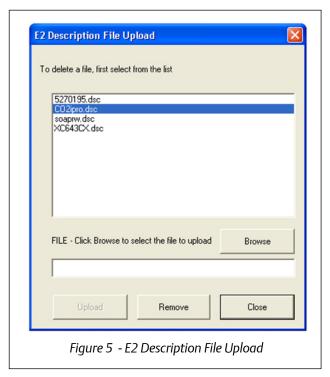
5. After pressing **T4** (**ENTER**) the screen below appears. Press **T8** (right arrow) to move to the next screen.



6. Verify if the address is defaulted at 1. If you need to change the default address, press **T5** (down arrow) and highlight the MODBUS address number. Once the address number is highlighted, press **T4** (**SET**), and the number should blink. Press **T3** to increase the address number or **T4** to decrease the address number. After the address number is selected, press **T4** (**SET**) to exit, then press **T1** (**EXIT**) twice to exit the Configuration mode. If the address is changed, the High Pressure CO2 needs a manual reboot for the new address to take place.

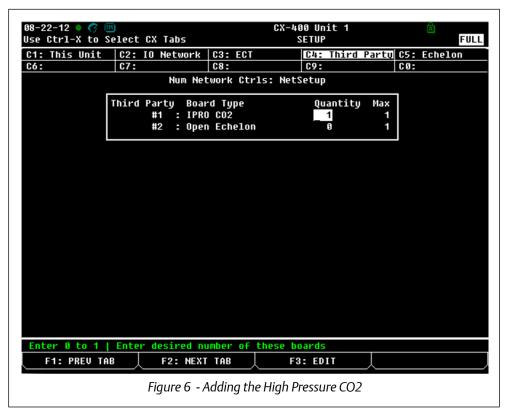
# STEP 2: Uploading the Description File to the E2 Controller

- 1. From UltraSite, connect to your E2 controller (description file # 527-0396).
- 2. Right-click on the E2 icon and select **Description File Upload**.
- 3. Browse to the location of the description file and click **Upload**.
- 4. Once the upload is complete, reboot the E2 controller.



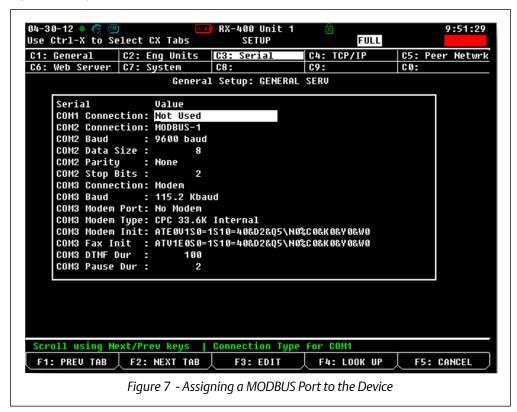
### STEP 3: Adding the Device to the E2 Controller

- 1. Press , † (System Configuration), † (Network Setup), 2 (Connected I/O Boards & Controllers).
- 2. Press F2 (NEXT TAB) to shift over to the C4: Third Party tab. The name of the device will display in the list. Highlight the device name, then enter the number of devices and press to save changes.

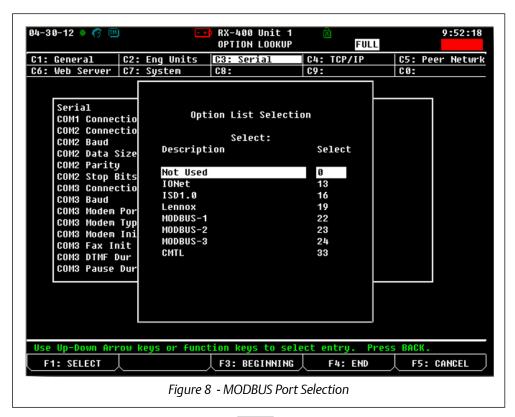


#### STEP 4: Assigning the MODBUS Port

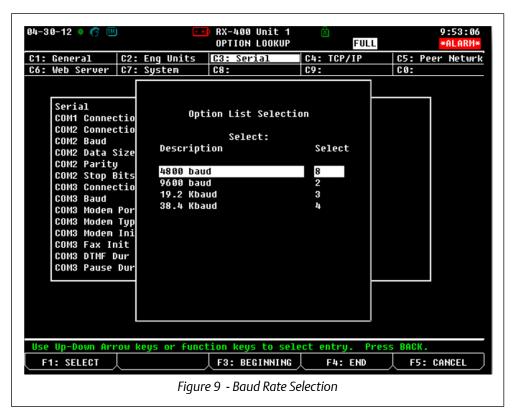
- 1. Press , † (System Configuration), 4 (Remote Communications), 3 (TCP/IP Setup).
- 2. Press [F1] (NEXT TAB) to shift over to the C3: Serial tab.



3. Select the COM port the device is connected to, press F4 (LOOK UP) and select the appropriate MODBUS selection.

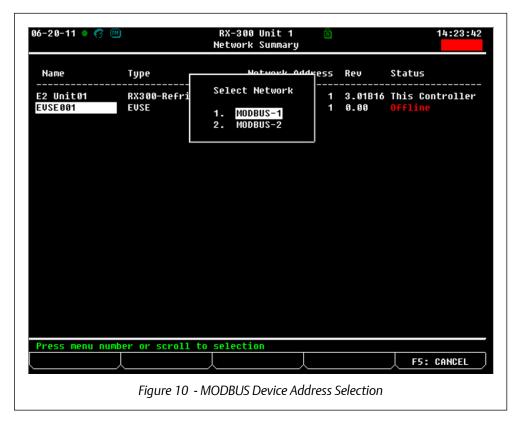


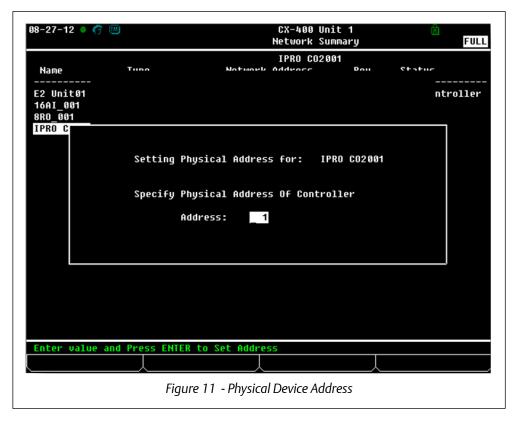
4. Set the Baud Rate for the chosen port. Press F4 to look up the appropriate speed.



# STEP 5: Commissioning the Device into the E2 Controller

- 1. Press , Ž (System Configuration), Ž (Network Setup), L (Network Summary).
- 2. On the *Network Summary* screen, highlight the device name, press F4 (*COMMISSION*). Select the preferred MODBUS port where you will assign the device, then assign the MODBUS address of the device.





3. Once the device is addressed and wired properly, the device should appear online.

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