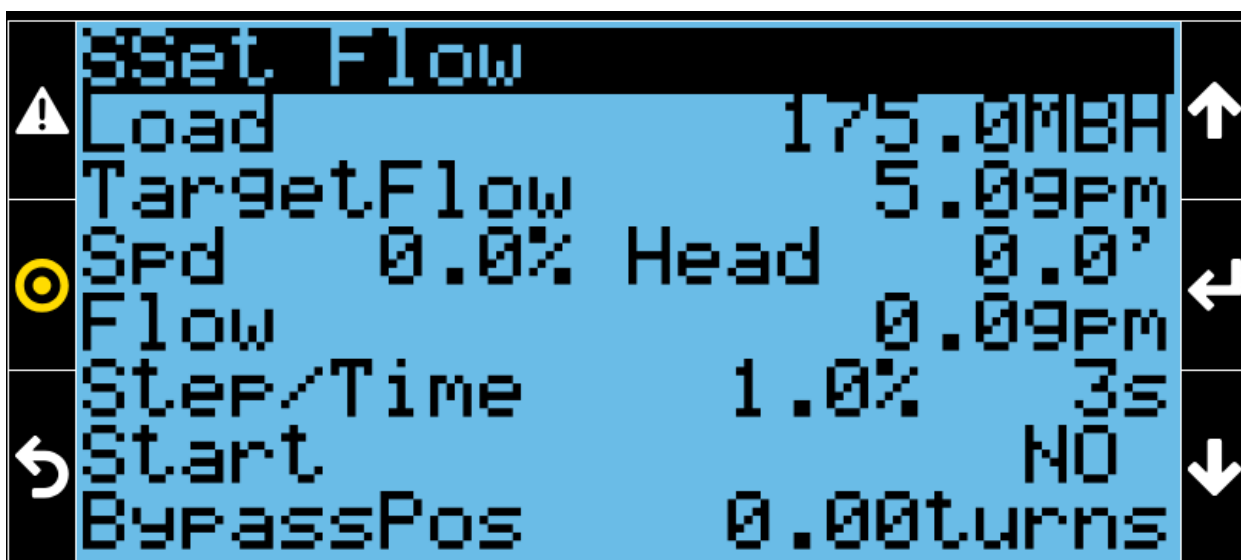




Setting VFD Speed and Bypass Valve

Secondary CO₂

1. With all loads forced on and at a temperature safely above being satisfied, close bypass valve.
2. Within the Carel CpCO keypad display, navigate to the Set Flow screen by pressing Menu (bullseye), enter password, enter the Pump menu, and page down.



3. Set Load to the design MBH for the connected load according to the refrigeration schedule.
4. Move the cursor to "Start" and change No to Yes, then Press Enter. Controller will progress through a sequence to find the correct flow and pump VFD speed to match the refrigeration load. This will take a few minutes, and you won't see the speed change for at least 30 seconds. This is normal.
5. When completed, the "Yes" will change back to "No" and a value will appear for BypassPos. Open the bypass valve to the number of turns from closed that is displayed on the screen. It will usually be between 0.2 (one fifth) and 1 turn.
6. Repeat process from step 1 when new load is added.