



Option 3 — Flow Correction Factor and Time Constant

To access the Flow Correction Factor and Time Constant menu in Program mode:

1. Press **P**.
2. Enter your **Advanced** access password, and then press **E**.
3. Press **2** to invoke the Quick Jump option.
4. Press **3** for the **Flow Correction Factor and Time Constant** menu, and then press **E**.

```
SENS BLOCKAGE CF
IS      1.00000
```

The Sensor Blockage Correction Factor prompt appears.

The sensor blockage factor is used to correct area reduction caused by the sensor support. It is read-only.

5. Press **E** to continue.

```
FIELD CALIB CF
>1.00000000
```

The Field Calibration Correction Factor prompt appears.

This is a multiplier used as a bias change at all velocities.

6. Press **C** to clear the field, and then enter a value.

Valid values are between 0.01 and 10.

7. Press **E** to accept the change.

```
FLOW TC SEC
>0.50000000
```

The Flow Time Constant Seconds prompt appears.

This is a digital filter time constant that determines the length of time data is retained for reporting averages. It takes five times the time constant to be within 99% of the actual flow after a step change. This value affects the display value and 4-20mA outputs.

8. Press **C** to clear the field, and then enter a value.
Valid values are between 0.0 and 600.
9. For each digit, press a number. Include the decimal if needed.
10. Press **E** to accept the new value and to return to the main Program mode prompt.