



## Option 1 — Basic Settings

To access the Basic Setting menu in Display mode:

1. Press **D**.
2. Press **2** to invoke the Quick Jump option.
3. Press **1** for the **Basic Setup** menu, and then press **E**.

---

```
METER TYPE IS
>INSERTION FLOW
```

---

The meter type is either insertion or in-line.

4. Press **P** to continue.

---

```
TAG NAME
>PRIMARY AIR
```

---

The tag name is the flow meter name. The name can indicate the location, process, or company naming convention.

5. Press **P** to continue.

---

```
FLOW UNITS
>SCMH    ^v
```

---

The flow units determine the units that appear for velocity and temperature. The flow rate options are NCMH, NLPM, SCFH, SCFM, SCMH, and SLMP. The mass rate options are KGH, KGM, PPH, and PPM.

6. Press **P** to continue.

---

```
DUCT PROFILE
>ROUND    ^v
```

---

The duct profile options are round, rectangle, and custom.

7. Press **P** to continue.

Depending on the duct profile selection, the duct width, inside diameter, or flow area prompt appears.



### Rectangle

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DUCT WIDTH  
>36.25 IN

---

---

DUCT Height  
>40.625 IN

---

### Round

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INSIDE DIAMETER  
>15.325 IN

---

8. Press **P** to continue.

---

FLOW AREA  
>10.525 SQFT

---

9. Press **P** to continue.

---

PROBE DEPTH  
>18.230 IN

---

For insertion flow meters, the Probe Depth option appears.

10. Press **P** to continue.

---

ANALOG OUT 1  
>FLOW RATE ^v

---

The Analog Output options are flow rate, velocity, temperature, and PID.

11. Press **P** to continue.

---

AO1 at 4mA  
>0.0000000 SCFM

---

The analog output 4mA prompt determines the minimum range value; that is, how low the flow unit value can go before triggering a signal to the analog output. The flow unit type was specified in a previous option.



12. Press **P** to continue.

---

```
AO1 at 20mA
>15000.000 SCFM
```

---

The analog output 20mA prompt determines the maximum range value; that is, how high the flow unit value can go before triggering a signal to the analog output. The flow unit type was specified in a previous option.

13. Press **P** to continue.

**Note:** If the flow meter was configured with a second analog output, prompts will appear for AO2 at 4mA and AO2 at 20mA.

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```
RUN MODE DISPLAY
>STATIC    ^v
```

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The Run Mode options are static variables and scrolled variables.

14. Press **P** to continue.

---

```
STATIC VARS
>FLOW+TEMP    ^v
```

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Depending on the run mode selection, the static variable or scrolled variables prompt appears.

15. Press **H** to exit.

The main Display mode (DSP) prompt appears.