

QuickGuide

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Setup DucTester gauge for Codes (referencing 2009 IECC)



Range Configurations: It is recommended to start on the Mid-Range Ring.

This is what your gauge should look like before you begin testing ducts. The following steps will show you how to easily setup your gauge for duct testing to code standards (the 2009 IECC - International Energy Conservation Code).

Step 1: Setup for Device

- Press the **[On/Off]** key.



- Press **[Exit]** to get to the main screen.



- Press **[Setup]**.



- Press **[▼]** until "Device Setup" is highlighted.



- Press **[Enter]**.



The screen will now display all of the different types of equipment that can be used with the DM-2.

Step 2: Setup Device Choices

To eliminate Devices not relevant to duct testing, follow the steps outlined below.



Enable/Disable Device	
[+] Retrotec DU100	◀ No ▶
[+] Retrotec DU200	◀ Yes ▶
[+] Retrotec 600/700	◀ No ▶
[+] Retrotec 800/900	◀ No ▶
[+] Retrotec 1000	◀ No ▶
[+] Retrotec 2000	◀ No ▶
[+] Retrotec 3000	◀ No ▶

- Scroll down the list of Devices, one by one, by pressing **[▼]**.



- Select "No" for all Devices except "Retrotec DU200". Scroll down, one by one, and turn the other devices to "No" by pressing **[▶]**.



"No" means that the Device will not display on main screen, "Yes" means that it will display on the main screen.

- Now press **[Exit]** to return to the "Setup" menu.



The gauge will now only display "Retrotec DU200" on the main screen. If you want to use this gauge for other Devices, select "Yes" for that Device on the "Enable/Disable Device" menu.

Step 3: Setup Mode

The "Mode Setup" allows you to select only the results needed for duct testing according to code (2009 IECC).

Instead of doing calculations by hand, simply select the mode you are required to produce and the DM-2 will do the work for you.

- Press [▼] to get to "Mode Setup".



- Press [Enter].



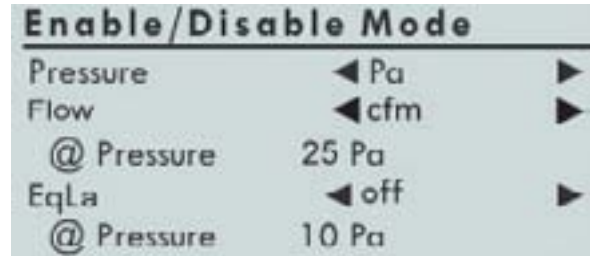
The "Enable/Disable Mode" screen will list the various modes the DM-2 will display. For Code duct testing, most States require CFM per 100 sq. ft. of conditioned floor area.

Enable/Disable Mode		
Pressure	◀ Pa ▶	
Flow	◀ cfm ▶	
@ Pressure	25 Pa	
EqLa	◀ off ▶	
@ Pressure	10 Pa	
EfLa	◀ off ▶	
@ Pressure	4 Pa	
Air Change	◀ off ▶	
@ Pressure	50 Pa	
Flow per Area	◀ cfm/100ft ² ▶	
@ Pressure	25 Pa	
EqLa per Area	◀ off ▶	
@ Pressure	50 Pa	
EfLa per Area	◀ off ▶	
@ Pressure	50 Pa	
Hole Flow	◀ off ▶	

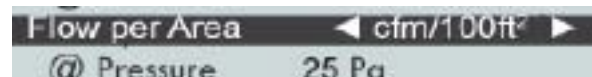
List of Modes

Step 4: Select Mode for results

- Scroll down using [▼] past "Pressure", and "Flow". Below "Flow" is "@ Pressure". Press [Enter][25][Enter] to change this to 25 Pa.
- Scroll down using [▼] to the next Mode, "EqLA". Press [Enter] or use [▶] until "off" appears.



- Below "EqLa" is "@ Pressure". Since EqLA was turned "Off" in the previous step, "@ Pressure" can be left alone.
- Scroll down, turning the next few modes off until the "Flow per Area." Press [▶] until "cfm/100ft²" is selected.



- Scroll down to "@ Pressure" directly below "Flow per Area" and press [Enter] [25] [Enter].
- Continue to turn all other Modes to "off".
- Press [Exit] twice to return to main screen.
- Press [Mode] to switch between results displaying on the main screen



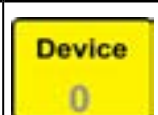
- Press [Auto Zero] until "On" appears - to keep the gauge zeroed and ready to measure.



- Press [Time Avg] until "4s" appears.



- Press [Device] until "Retrotec DU200" appears.



- Press [Range Config] until "Mid" appears.



Congratulations, you've just set up your gauge to test ducts!

