

AIR FLOW IN CFM GAS FIRED FURNACE

$$\text{CFM} = \frac{\text{BTU OUTPUT}}{\text{TEMP RISE} \times 1.08}$$

EXAMPLE:

SUPPLY AIR = 150°

RETURN AIR = 75°

TEMP RISE = 75°

75 x 1.08 = 81°

FURNACE OUTPUT = 100,000 BTU

$$\frac{100,000}{81} = 1235 \text{ CFM}$$

NOTES:

- Switch cooling and heating speeds on board
- Make sure furnace gas pressure = 3.5" BTU
- Wait ten minutes before measuring temperature