

## Garbage Bag Flow for Measuring Register Flows

- Use familiar sizes (if 33/55 gallons can use graph on next page)
- An adapter (throat) from register to bag can help
- Start stop watch as soon as bag is on register; stop when bag is *just* full
- Take several readings and average them if needed
- Most accurate for air around 70° F (standard air is 68° F)

Garbage bag formula:

$$\frac{\text{(bag size in gallons)} \times 0.156 \text{ ft}^3/\text{gallon} \times 60 \text{ sec/minute}}{\text{seconds to fill bag}} = \text{_____ CFM}$$

Example:

$$\frac{55 \text{ gallon} \times 0.156 \text{ ft}^3/\text{gallon} \times 60 \text{ sec/minute}}{4 \text{ seconds to fill}} = 129 \text{ CFM}$$



# Garbage Bag Flow

