



HVAC SIMPLIFIED



AWARDED YOUTUBE

RANKED #4 CHANNEL



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B.TECH – MECHANICAL ENGINEER
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HVAC



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AIR FLOW

TERMINOLOGY

CFM, FMP, STATIC PRESSURE (FAN)

HVAC AIR FLOW TERMINOLOGY

➤ CFM

➤ FPM

➤ STATIC

HVAC AIR FLOW TERMINOLOGY

□ CFM

- Volume or Quantity of air.
- measured in Ft^3/min .

HVAC AIR FLOW TERMINOLOGY

 **FPM**

- Velocity of the air
- measured in Ft/min

HVAC AIR FLOW TERMINOLOGY

 **STATIC**

- Resistance to the air flow
- measured in inches of water column (“w.c.)

HVAC AIR FLOW TERMINOLOGY

FANS

The

‘**HEART**’

of the Air Delivery System





HVAC AIR FLOW TERMINOLOGY

Relationship between
STATIC and CFM
in respect to a
FAN

HVAC AIR FLOW TERMINOLOGY

STATIC and CFM

how are they related

FAN

- A. A Direct Relationship
- B. An Indirect Relationship
- C. Neither

HVAC AIR FLOW TERMINOLOGY

STATIC and CFM

how are they related

FAN

- A. A Direct Relationship
- B. An Indirect Relationship
- C. Neither

STATIC

CFM



HVAC AIR FLOW TERMINOLOGY

STATIC and CFM

how are they related

FAN

STATIC

CFM

- A. A Direct Relationship
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- C. Neither




*Thank
you*



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