(1)

Other Calculators

- Air Flow Conversion Calculator
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- Laser Real Time Unit Converter
- Normal Flow Relations Calculator
- Oblique Flow Relations Calculator
- Open-channel Flow Calculator
- Properties of Welds Treated as Lines Calculator
- Shaft Speed Calculator
- Torque Transmitted by Clutch Calculator
- Water Pump Engineering
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Air Flow Conversion Calculator

Air Velocity is measurement of the rate of displacement of air or gas at a specific location.

Air velocity (distance traveled per unit of time) is usually expressed in Linear Feet per Minute (LFM). By multiplying air velocity by the cross section area of a duct, you can determine the air volume flowing past a point in the duct per unit of time. Volume flow is usually measured in Cubic Feet per Minute (CFM).

Concept of Air Velocity can be used in air conditioning, heating and ventilating work.

Enter value, select unit and click on calculate. Result will be displayed.

Enter Your Values:

Air Flow: 759 LFM

☐ **Rectangle Duct** ☑ **Circular Duct**

H: **W:** in **R:** 2 in

Calculate Clear

Results:

759	**ft/min (LFM)**
3.86	**m/s**
8.6	**miles/hr (MPH)**
66.24	**ft^3/min (CFM)**
112.53	**m^3/hr**
31.26	**L/s**

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Enter Your Values:

Air Flow: 751 LFM

☐ **Rectangle Duct** ☑ **Circular Duct**

H: **W:** in **R:** 2 in

Calculate Clear

Results:

751	**ft/min (LFM)**
3.82	**m/s**
8.5	**miles/hr (MPH)**
65.54	**ft^3/min (CFM)**
111.35	**m^3/hr**
30.93	**L/s**

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Enter value, select unit and click on calculate. Result will be displayed.

Enter Your Values:

Air Flow: 785 LFM

☐ **Rectangle Duct** ☑ **Circular Duct**

H: **W:** in **R:** 2 in

Calculate Clear

Results:

785	**ft/min (LFM)**
3.99	**m/s**
8.9	**miles/hr (MPH)**
68.5	**ft^3/min (CFM)**
116.39	**m^3/hr**
32.33	**L/s**

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Concept of Air Velocity can be used in air conditioning, heating and ventilating work.

Enter value, select unit and click on calculate. Result will be displayed.

Enter Your Values:

Air Flow: 615 LFM

☐ **Rectangle Duct** ☑ **Circular Duct**

H: **W:** in **R:** 2 in

Calculate Clear

Results:

615	**ft/min (LFM)**
3.12	**m/s**
7	**miles/hr (MPH)**
53.67	**ft^3/min (CFM)**
91.18	**m^3/hr**
25.33	**L/s**

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Air Flow Conversion Calculator

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Concept of Air Velocity can be used in air conditioning, heating and ventilating work.

Enter value, select unit and click on calculate. Result will be displayed.

Enter Your Values:

Air Flow: 572 LFM

☐ **Rectangle Duct** ☑ **Circular Duct**

H: **W:** in **R:** 2 in

Calculate Clear

Results:

572	**ft/min (LFM)**
2.91	**m/s**
6.5	**miles/hr (MPH)**
49.92	**ft^3/min (CFM)**
84.81	**m^3/hr**
23.56	**L/s**