

# SCFM to ACFM CONVERSION CALCULATOR

## Standard Conditions\*:

Pressure (PSIA)  
Temperature (Deg F)  
Relative Humidity (%)  
[Saturated Vapor Pressure \(PSIA\)](#)

## Site Conditions:

Pressure (PSIA)  
Temperature (Deg F)  
Relative Humidity (%)  
[Saturated Vapor Pressure \(PSIA\)](#)

**Enter:** Specified SCFM  
**Read:** Required ACFM at Inlet Conditions  
**Enter:** ACFM at Inlet Conditions  
**Read:** Equivalent SCFM

\*Definition of Standard Conditions: ISO / CAGI / PNEUROP: 14.5 psia / 68 deg F / Dry  
1 bar / 20 deg C / Dry

Saturated Vapor Pressure					
Temp	Press	Temp	Press	Temp	Press
Deg F	PSIA	Deg F	PSIA	Deg F	PSIA
32	0.0887	62	0.2749	92	0.7429
34	0.0961	64	0.2949	94	0.7902
36	0.1041	66	0.3162	96	0.8403
38	0.1126	68	0.3388	98	0.8930
40	0.1217	70	0.3628	100	0.9487
42	0.1315	72	0.3883	102	1.0072
44	0.1420	74	0.4153	104	1.0689
46	0.1532	76	0.4440	106	1.1338
48	0.1652	78	0.4744	108	1.2020
50	0.1780	80	0.5067	110	1.2740
52	0.1918	82	0.5409	112	1.3500
54	0.2063	84	0.5772	114	1.4290
56	0.2219	86	0.6153	116	1.5120
58	0.2384	88	0.6555	118	1.6000
60	0.2561	90	0.6980	120	1.6920

[Click here for calculator](#)

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