CFM Calculations

~~~ Electric Heat Calculator ~~~

Volts [ ] **x Amps** [ ] **x 3.413** / **Temp Diff** [ ] **x 1.08** = [0.0] / [0.0] = **CFM** [ ]

Example:

Electric Heat (23.4 KW)

240 V x 97.65 Amps x 3.413 / 50 x 1.08 = 79,987 / 54 = CFM = 1481

~~~ Gas Heat Calculator ~~~

Output BTUH [ ] / **Temp Diff** [ ] **x 1.08** = [ ] / [0.0] = **CFM** [ ]

Example:

Gas input 100,000
Multiple by 80% = 80,000 Output

80,000 / 50 x 1.08 = 80,000 / 54 = CFM = 1481

Temp Diff = BTU Output / CFM x 1.08

CFM = Output BTUH / (Temp Diff x 1.08)

BTU Output = CFM x TD x 1.08

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