Altitude and CFM per Ton Chart

As altitude and temperature increase, the density or weight of air decreases and air becomes lighter. Due to altitude changes, air density for a system located on the Florida coast will be different from one located in the mountains of Colorado.

The chart below shows how cfm per ton can vary at various altitudes.

Altitude	CFM Per Ton
Sea Level	400
1000 Feet	415
2000 Feet	430
3000 Feet	450
4000 Feet	465
5000 Feet	480
6000 Feet	500
7000 Feet	520
8000 Feet	535
9000 Feet	570
10,000 Feet	590
11,000 Feet	615
12,000 Feet	630
13,000 Feet	665

© 2019 National Comfort Institute, Inc.