

## ASHRAE Technical FAQ

---

ID 77

---

Question How can I calculate heating and cooling load for a commercial building?

---

Use the methodology given in the [2017 ASHRAE Handbook - Fundamentals](#), Chapter [F18](#).

The ASHRAE publication titled [Load Calculation Applications Manual](#) is the most comprehensive publication on the subject that ASHRAE makes available.

Answer

ASHRAE develops procedures and methods for calculating heating and cooling loads. Software developed incidental to the research project is not designed for general use and is not published. Algorithms are made available for independent software vendors. By policy, ASHRAE cannot certify, endorse or recommend any products.

The handbook and/or individual chapters of the handbook may be purchased and downloaded on-line at our website, [www.ashrae.org](http://www.ashrae.org) or by calling 1-800-527-4723 in the USA and Canada or 1-404-636-8400 worldwide.

---

ASHRAE Pubs

- [2017 ASHRAE Handbook - Fundamentals, F18](#)
  - [Load Calculation Applications Manual](#)
  - [ASHRAE Standard 183-2007 \(RA2017\)](#), Peak Cooling and Heating Load Calculations in Buildings Except Low-Rise Residential Buildings
- 

Topic References load calculations, heating load, cooling load, size, tons

---

	Cognizant ASHRAE Committees	Refer to Organization
1	<a href="#">TC 4.1</a>	
2		
3		
4		
5		