

# AIR CONDITIONER

BUYING  
GUIDE

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A step-by-step guide to find the perfect air conditioner for your home

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Air Conditioners  
**Overview**



Air conditioning is based on square footage. In theory, a larger room requires a larger air conditioner. AC's are available in 5,000-36,000 BTUs.

Other considerations include kitchens, sunny exposures and 3<sup>rd</sup> floor installations which would add BTU due to increased heat. Add 4,000 BTU for kitchens.

# Air Conditioners

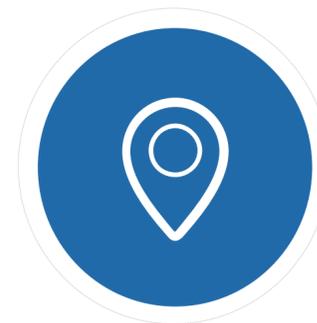
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# AC SIZING

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How to choose the right AC by room size or installation



# Average Bedroom



Better bedroom AC's are quieter, have remote controls and have better EER. Typically a 5,000-6,000 BTU unit will be adequate.

EER (energy efficiency ratios) measure the efficiency of the unit on a scale from 8.0 to 12.0. The difference between a 9.0 and 10.0 is 10% energy savings. Anything rated over 9.5 is considered good.





# Living Room / Dining Room

Depending on the room and other factors, the average living room AC is 8,000-12,000 BTU. After 13,000 BTU you need 220V like a range or any other large energy-consuming appliance.

Also, it's a bad idea to have one AC cool a large space by itself as air conditioners and cold air don't turn corners effectively.

# Large Spaces



13,000-36,000 BTU units are all 220V and designed for very large rooms or small stores. Friedrich manufactures the best big units in terms of efficiency and quality but Frigidaire is the most cost effective.

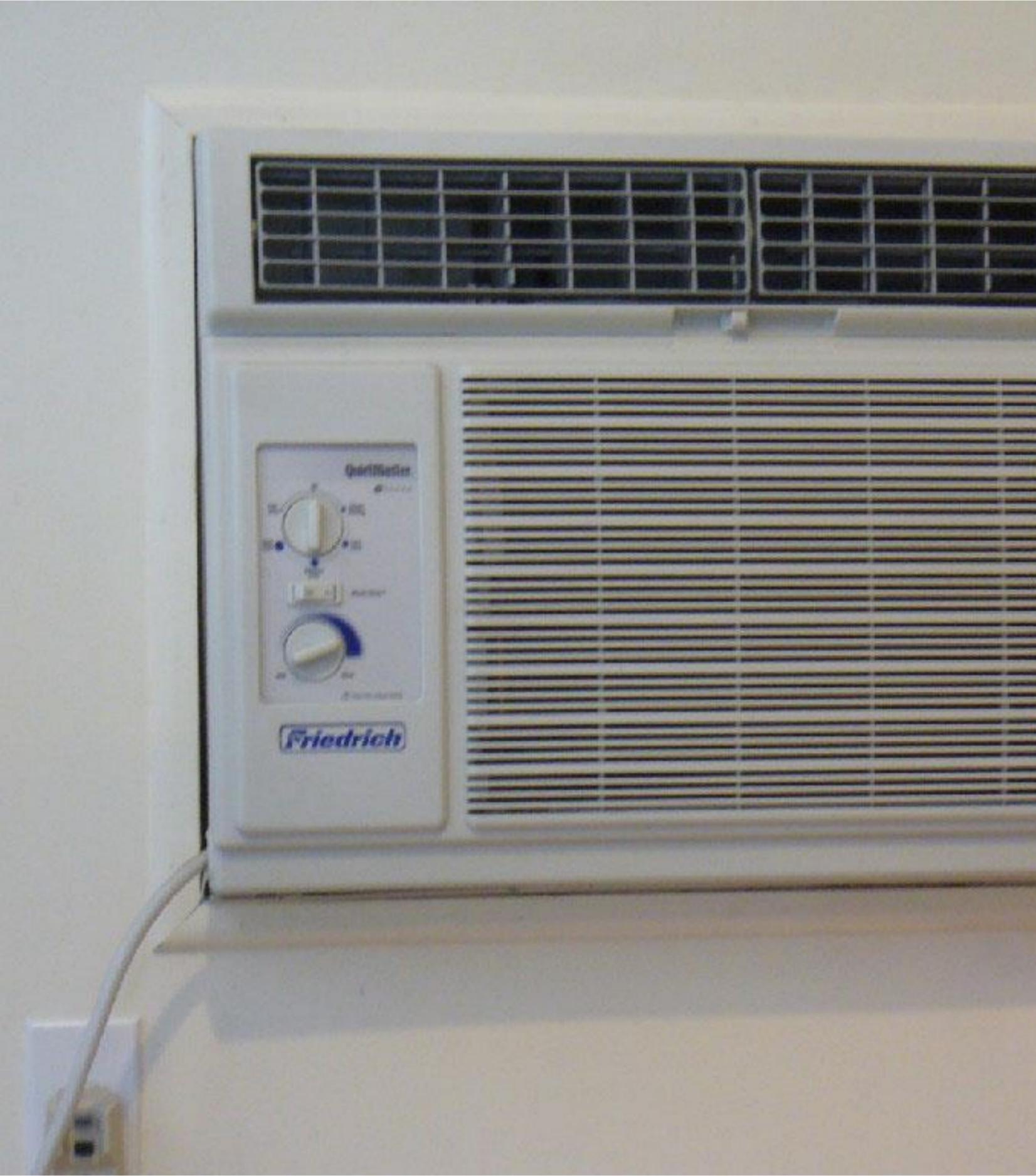


# Apartments / Condos



If you need an air conditioner to fit through the wall, simply ask for a slide-out chassis. Most AC's can be installed this way.

However, most condos might have proprietary chassis'. You can only fit certain units without renovating the area.



# Casement ACs



Casements are small square or rectangular windows. Ordinary Acs will not fit these windows.

Friedrich and Frigidaire have models in this category.

# Portable ACs



Danby, Frigidaire and Friedrich manufacture portable ACs. You will still need a window nearby to exhaust the hot air from the room via a hose attached to the AC.

Portables are a great idea, but unfortunately they are poorly executed. **Only consider these as a last resort.**





Air Conditioners

# Split ACs



Split ACs are new in residential applications. The intake is built into the wall and the actual compressor is somewhere else.

Splits are popular for installations without windows or for people who really don't want to block a window.

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# Room Sizing Guide



Sq. Ft.	BTU
<b>100-150</b>	<b>5,000</b>
<b>150-250</b>	<b>6,000</b>
<b>250-350</b>	<b>8,000</b>
<b>350-450</b>	<b>10,000</b>
<b>450-550</b>	<b>12,000</b>

Add 2,000 BTU for sunny exposures or 3<sup>rd</sup> floor

Add 4,000 BTU for kitchens

Don't oversize! Buy the right size for your room

Buying Strategies

# Wisdom of Crowds

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## Buy where you're comfortable

There are tons of stores and products, but a limited number of consumers. Check review sites like Yelp, CitySearch, Google and the Better Business Bureau before you purchase.

Remember, any store can sell an appliance; the biggest issues are shipping and service.



Exclusive Offer

# Appliance Delivery Checklist



Our free checklist will help you avoid a delivery nightmare. At the end, you will know what to ask from your local, national, or box store appliance dealer.

**Delivery is one of the biggest causes for your dissatisfaction. You need to be prepared.**

In the Delivery Checklist you'll learn:

- How to choose a dealer with a first class delivery experience
- Which questions to ask to spot a quality delivery team
- The importance of online reviews to help your appliance search

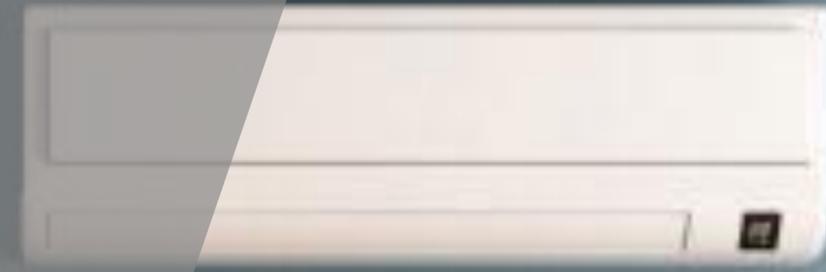


**Get the Free  
Appliance Delivery  
Checklist**



# ABOUT US

Proud to be family owned and operated since 1923.



Air Conditioners

# About Us



**Since 1923**

Family owned and operated since 1923. Now with two locations.

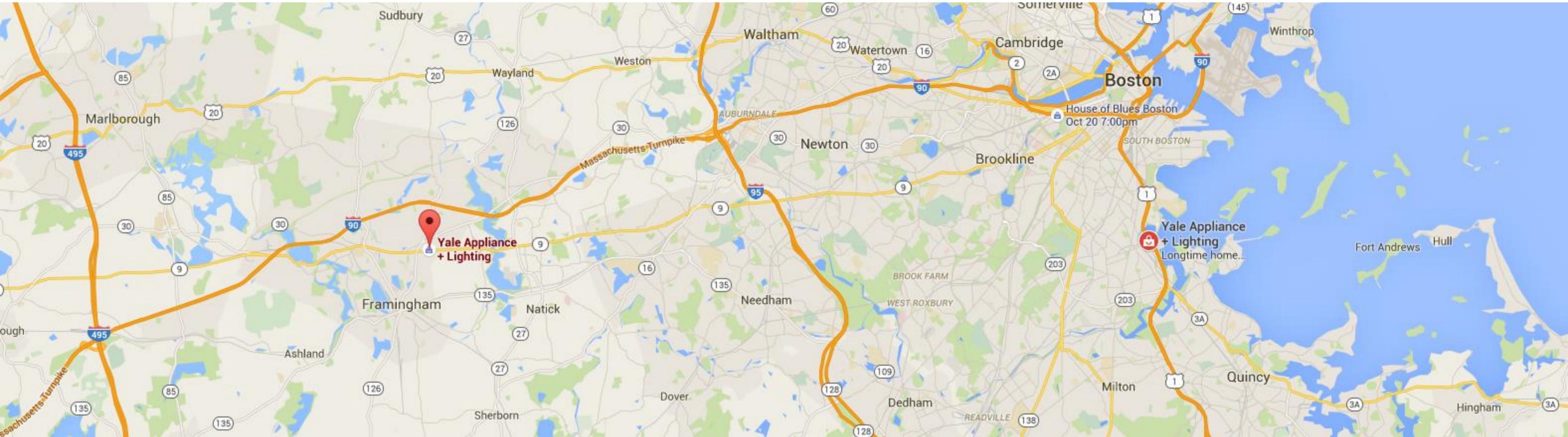


Yale has been based in Boston for over 90 years and operates two showrooms; in Boston and Framingham. We operate the largest independent service and repair department in New England with 50 people and 21 service technicians. Our sales staff has an average of 7 years experience, and our staff chef can help you learn to use your new appliances.



**Schedule a Free  
Consultation with our  
Appliance Experts**

# Air Conditioners Contact Us



## Showrooms



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296 Freeport St



Framingham  
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[yaleappliance.com](http://yaleappliance.com)

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