

**5.6.10 Major Commercial HVAC Equipment Lifetimes and Ages**

Equipment Type	Median <u>Lifetime</u>
Air Conditioners	
Through-the-Wall	15
Water-Cooled Package	15
Roof-Top	15
Chillers	
Reciprocating	20
Centrifugal	23
Absorption	23
Heat Pumps	
Air-to-Air	15
Water-to-Air	19
Furnaces (gas or oil)	18
Boilers (gas or oil)	
Hot-Water	24-35
Steam	25-30
Unit Heaters	
Gas-Fired or Electric	13
Hot-Water or Steam	20
Cooling Towers (metal or wood)	20

Source(s): ASHRAE, 2003 ASHRAE Handbook: HVAC Applications, Table 3, p. 36.3 for median service lifetimes.