ASHRAE Equipment Life Expectancy chart

 $ASHRAE is the industry organization that sets the standards and guidelines for most all HVAC-R equipment. \\ For additional info about ASHRAE the website is <math display="block"> \underline{www.ashrae.org} \ .$

Equipment Item	Median Years	Equipment Item	Median Years	Equipment Item	Median Years
Air conditioners		Air terminals		Air-cooled condensers	20
Window unit Residential single or Split	10	Diffusers, grilles, and registers Induction and fan coil units	20	Evaporative condensers	20
Package Commercial through-the wal	15 I 15	VAV and double-duct boxes	20	Insulation	
Water-cooled package	15	Air washers	17	Molded Blanket	20 24
Heat Pumps		Ductwork	30	5	
Residential air-to-air Commercial air-to-air Commercial water-to-air	15 15 19	Dampers Fans	20	Pumps Base-mounted Pipe-mounted	20 10
Roof-top air conditioners		Centrifugal Axial	25 20	Sump and well Condensate 15	10
Single-zone Multi-zone	15 15	Propeller Ventilating roof-mounted	20 15 20	Reciprocating engines	20
Boilers, hot water (steam)		Coils		Steam turbines	30
Steel water-tube Steel fire-tube	24 (30) 25 (25)	DX, water, or steam	20	Electric motors	18
Cast iron Electric	35 (30) 15	Electric	15	Motor starters	17
Burners	21	Heat Exchangers Shell-and-tube	24	Electric transformers	30
Furnaces				Controls	
Gas- or oil-fired	18	Reciprocating compressors	20	Pneumatic Electric	20 16
Unit heaters		Packaged chillers		Electronic	15
Gas or electric Hot water or steam	13 20	Reciprocating Centrifugal Absorption	20 23 23	Valve actuators	
Radiant Heaters		Cooling towers		Hydraulic Pneumatic Self-contained	15 20 10
Electric Hot water or steam	10 25	Galvanized metal Wood Ceramic	20 20 34	Seli-contained	10