

# List of ovens

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This is a **list of ovens**. An oven is a thermally insulated chamber used for the heating, baking or drying of a substance,<sup>[1]</sup> and most commonly used for cooking. Kilns and furnaces are special-purpose ovens, used in pottery and metalworking, respectively.

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A modern double oven

## Ovens

### Baking ovens

Baking is a food cooking method that uses prolonged dry heat by convection, rather than by thermal radiation, normally in an oven, but also in hot ashes, or on hot stones.<sup>[2]</sup> Bread is a commonly baked food.














Baking bread in a commercial oven














Bread being baked in a tabun oven








Name	Image	Description
AGA cooker		<p>A heat storage stove and cooker, which works on the principle that a heavy frame made from cast iron components can absorb heat from a relatively low-intensity but continuously-burning source, and the accumulated heat can then be used when needed for cooking.</p>
Bachelor griller		
Beehive oven		
Bottle oven		
Chorkor oven		
Clome oven		
Communal oven		

Name	Image	Description
		
Convection microwave		
Convection oven		
Cooker		May refer to several types of cooking appliances and devices used for cooking foods
Dutch oven		
Easy-Bake Oven		
Egyptian egg oven		

Name	Image	Description
Halogen oven		
Haybox		
Hot Box (appliance)		
Kitchen stove		
Kitchener range		
Kyoto box		
Masonry oven		
Microwave oven		
Reflector oven		
Russian oven		

Name	Image	Description
		
Self-cleaning oven		
Solar cooker		
Roaster Oven		An electric table or cabinet top popular in the 1950s. Large enough to bake turkeys, they had removable inserts which held the food and a lid, often with a glass insert.
Tabun oven		
Toaster and toaster oven		
Trivection oven		
Wood-fired oven		

## Coke ovens

Name	Image	Description
Cherry Valley Coke Ovens		<p>These consisted of 200 coke ovens built by the Leetonia Iron and Coal Company around 1866, near Leetonia, Ohio, United States. The function of the "beehive" coke ovens was to purify coal and turn it into coke. The coke was burned in furnaces that produced iron and steel.</p>
Dunlap coke ovens		
Minersville Coke Ovens		
Redstone Coke Oven Historic District		
Sydney Tar Ponds		



A coke oven at a smokeless fuel plant in Wales, United Kingdom



Coal coking ovens at Cokedale, west of Trinidad, Colorado, supplied steel mills in Pueblo, Colorado





## **Earth ovens**

An earth oven, or cooking pit, is one of the most simple and long-used cooking structures. At its simplest, an earth oven is a pit in the ground used to trap heat and bake, smoke, or steam food. Earth ovens have been used in many places and cultures in the past, and the presence of such cooking pits is a key sign of human settlement often sought by archaeologists. They remain a common tool for cooking large quantities of food where no equipment is available.




Name	Image	Description
Barbecue	 	<p>Barbecue is both a cooking method and apparatus.</p> <ul style="list-style-type: none"> <li>▪ Pit barbecue – a method and constructed item for barbecue cooking meat and root vegetables buried below the surface of the earth.</li> </ul> <p>A pit barbecue</p>
Hāngi		<p>A traditional New Zealand Māori method of cooking food using heated rocks buried in a pit oven still used for special occasions.</p>
Horno		
Huatia		
Kalua		

Name	Image	Description
Pachamanca		
Tandoor		

## Industrial ovens

Industrial ovens are heated chambers used for a variety of industrial applications, including drying, curing, or baking components, parts or final products. Industrial ovens can be used for large or small volume applications, in batches or continuously with a conveyor line, and a variety of temperature ranges, sizes and configurations.






Name	Image	Description
Batch oven		A type of furnace used for thermal processing. They are used in numerous production and laboratory applications.
Burn-in ovens		
Clean process oven		
Flame broiler		
Industrial oven		Pictured is an industrial convection oven used in the manufacture of aircraft components
Reach-in oven		
Walk-in/Truck-in ovens		
Spiral ovens		Ovens with a helical conveyor

## Kilns

A kiln is a thermally insulated chamber, a type of oven, that produces temperatures sufficient to complete some process, such as hardening, drying, or chemical changes. Various industries and trades use kilns to harden objects made from clay into pottery, bricks etc.<sup>[3]</sup> Various industries use rotary kilns for pyroprocessing—to calcinate ores, produce cement, lime, and many other materials.



A rotary kiln

Name	Image	Description
Anagama kiln		An ancient type of pottery kiln brought to Japan from China via Korea in the 5th century.
Birch Creek Charcoal Kilns		
Brick clamp		
Cement kiln		
Lime kiln		
Rotary kiln		A pyroprocessing device used to raise materials to a high temperature (calcination) in a continuous process
Top-lit updraft gasifier		
Tube furnace		
Tybo Charcoal Kilns		

## See also

- Autoclave (industrial)

- Cooker
- Furnace
- Gas Mark
- List of cooking appliances
- List of cooking techniques
- List of home appliances
- List of stoves
- Redstone Coke Oven Historic District
- Stove

## References

1. Oven (<http://www.merriam-webster.com/dictionary/oven>). Merriam-webster.com. Retrieved on 2011-11-23.
2. Oxford English Dictionary
3. "Brick making kilns" (PDF). Retrieved 2012-05-20.



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