



# HOUSE & DO-IT-YOURSELF

**roof**  
House covering that protects it from the elements; it rests on the frame.

**chimney**  
Part of the heating system that protrudes from the roof.



**garage**  
Structure used for parking vehicles.

**steps**  
Outdoor staircase ending in a landing that leads to the house entrance.

**sidewalk**  
Pedestrian walkway bordering a street.

# HOUSE & DO-IT-YOURSELF

Jean-Claude **Corbeil**  
Ariane **Archambault**

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# INTRODUCTION

## EDITORIAL POLICY

*The Visual Dictionary* takes an inventory of the physical environment of a person who is part of today's technological age and who knows and uses a large number of specialized terms in a wide variety of fields.

Designed for the general public, it responds to the needs of anyone seeking the precise, correct terms for a wide range of personal or professional reasons: finding an unknown term, checking the meaning of a word, translation, advertising, teaching material, etc.

The target user has guided the choice of contents for *The Visual Dictionary*, which aims to bring together in 12 thematic books the technical terms required to express the contemporary world, in the specialized fields that shape our daily experience.

## STRUCTURE

Each tome has three sections: the preliminary pages, including the table of contents; the body of the text (i.e. the detailed treatment of the theme); the index.

Information is presented moving from the most abstract to the most concrete: sub-theme, title, subtitle, illustration, terminology.

## TERMINOLOGY

Each word in *The Visual Dictionary* has been carefully selected following examination of high-quality documentation, at the required level of specialization.

There may be cases where different terms are used to name the same item. In such instances, the word most frequently used by the most highly regarded authors has been chosen.

Words are usually referred to in the singular, even if the illustration shows a number of individual examples. The word designates the concept, not the actual illustration.

## DEFINITIONS

Within the hierarchical format of *The Visual Dictionary's* presentation, the definitions fit together like a Russian doll. For example, the information within the definition for the term *insect* at the top of the page does not have to be repeated for each of the insects illustrated. Instead, the text concentrates on defining the distinguishing characteristics of each insect (the *louse* is a parasite, the female *yellow jacket* stings, and so forth).

Since the definition leaves out what is obvious from the illustration, the illustrations and definitions complement one another.

The vast majority of the terms in the *Visual Dictionary* are defined. Terms are not defined when the illustration makes the meaning absolutely clear, or when the illustration suggests the usual meaning of the word (for example, the numerous *handles*).

## METHODS OF CONSULTATION

Users may gain access to the contents of *The Visual Dictionary* in a variety of ways:

- From the TABLE OF CONTENTS at the end of the preliminary pages, the user can locate by title the section that is of interest.
- With the INDEX, the user can consult *The Visual Dictionary* from a word, so as to see what it corresponds to, or to verify accuracy by examining the illustration that depicts it.
- The most original aspect of *The Visual Dictionary* is the fact that the illustrations enable the user to find a word even if he or she only has a vague idea of what it is. The dictionary is unique in this feature, as consultation of any other dictionary requires the user first to know the word.

## TITLE

Its definition is found below. If the title refers to information that continues over several pages, after the first page it is shown in a shaded tone with no definition.

## SUB-THEME

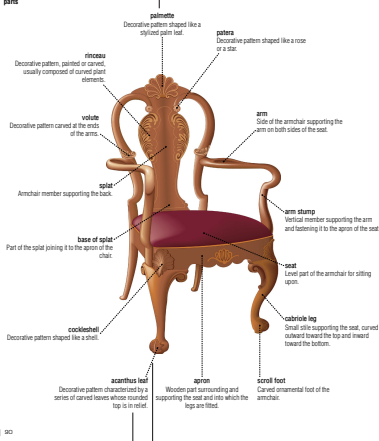

These are shown at the end of the preliminary pages along with their definitions. They are then repeated on each page of a section, but without the definition.

## TERM

Each term appears in the index with a reference to the pages on which it appears.

## ILLUSTRATION

It is an integral part of the visual definition for each of the terms that refer to it.

armchair	HOUSE FURNITURE	HOUSE FURNITURE	armchair
Chair consisting of arms, a back and legs.			examples of armchairs
<p><b>parts</b></p>  <p><b>armchair</b> Chair consisting of arms, a back and legs.</p> <p><b>parts</b></p> <p><b>palmate</b> Decorative pattern shaped like a stylized palm leaf.</p> <p><b>patera</b> Decorative pattern shaped like a rose or a star.</p> <p><b>rinceau</b> Decorative pattern, painted or carved, usually composed of carved plant elements.</p> <p><b>volute</b> Decorative pattern curved at the ends of the arms.</p> <p><b>splat</b> Armchair member supporting the back.</p> <p><b>base of splat</b> Part of the splat joining it to the apron of the chair.</p> <p><b>cabriole leg</b> Decorative pattern shaped like a shell.</p> <p><b>acanthus leaf</b> Decorative pattern characterized by a series of carved leaves whose rounded tips lie in a row.</p> <p><b>apron</b> Wooden part surrounding and supporting the seat and into which the legs are fitted.</p> <p><b>scroll foot</b> Curved ornamental foot of the armchair.</p> <p><b>cabriole leg</b> Small arch supporting the seat, curved outward toward the top and inward toward the bottom.</p>	 <p><b>Wassily chair</b> Armchair with a tubular metal frame and whose back and seat are made of leather.</p> <p><b>director's chair</b> Wooden armchair with a canvas back and seat that folds up in the middle.</p> <p><b>rocking chair</b> Armchair with curved runners to rock on.</p> <p><b>club chair</b> Large deep upholstered armchair, usually made of leather.</p> <p><b>bergere</b> Upholstered armchair with a cushioned seat.</p> <p><b>cabriole</b> Wooden 18th-century armchair with a curved back and armrests that curve outward.</p>		

## DEFINITION

It explains the inherent qualities, function, or characteristics of the element depicted in the illustration.

## NARROW LINES

These link the word to the item indicated. Where too many lines would make reading difficult, they have been replaced by color codes with captions or, in rare cases, by numbers.

# CONTENTS

## 8 LOCATION

---

- 8 Exterior of a house
- 11 Pool

## 12 STRUCTURE OF A HOUSE

---

- 12 Main rooms
- 18 Frame
- 20 Foundation
- 22 Stairs
- 24 Wood flooring
- 26 Textile floor coverings

## 27 ELEMENTS OF A HOUSE

---

- 27 Window
- 30 Exterior door
- 31 Lock

## 34 HEATING

---

- 34 Wood firing
- 38 Forced warm-air system
- 40 Forced hot-water system
- 44 Heat pump
- 46 Auxiliary heating

## 48 AIR CONDITIONING

---

- 48 Air-conditioning appliances

## 52 PLUMBING

---

- 52 Plumbing system
- 54 Pedestal-type sump pump
- 55 Septic tank
- 56 Bathroom
- 58 Toilet
- 60 Water-heater tank
- 62 Faucets
- 66 Fittings
- 72 Examples of branching

## 76 ELECTRICITY

---

- 76 Distribution panel
- 79 Electricity meter
- 82 Contact devices
- 85 Lighting

## 90 HOUSE FURNITURE

---

- 90 Armchair
- 93 Seats
- 94 Side chair
- 96 Table
- 98 Storage furniture
- 103 Bed
- 106 Children's furniture
- 109 Window accessories
- 113 Lights
- 118 Domestic appliances
- 134 Household equipment

## 136 DO-IT-YOURSELF

---

- 136 Carpentry: nailing tools
- 138 Carpentry: screwing tools
- 141 Carpentry: sawing tools
- 146 Carpentry: drilling tools
- 149 Carpentry: shaping tools
- 154 Carpentry: gripping and tightening tools
- 160 Carpentry: measuring and marking tools
- 161 Carpentry: miscellaneous material
- 162 Plumbing tools
- 163 Masonry tools
- 164 Electricity tools
- 166 Ladders and stepladders
- 168 Painting upkeep

## 169 INDEX

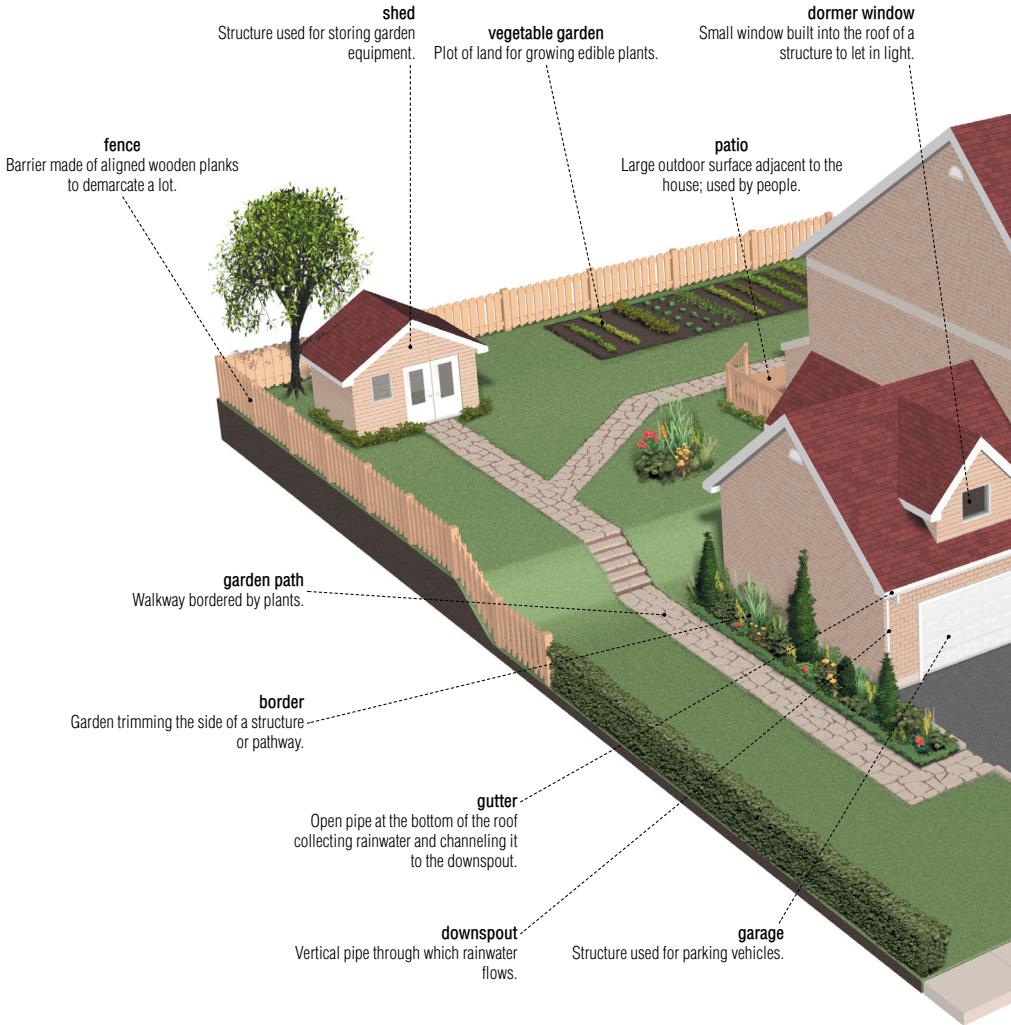
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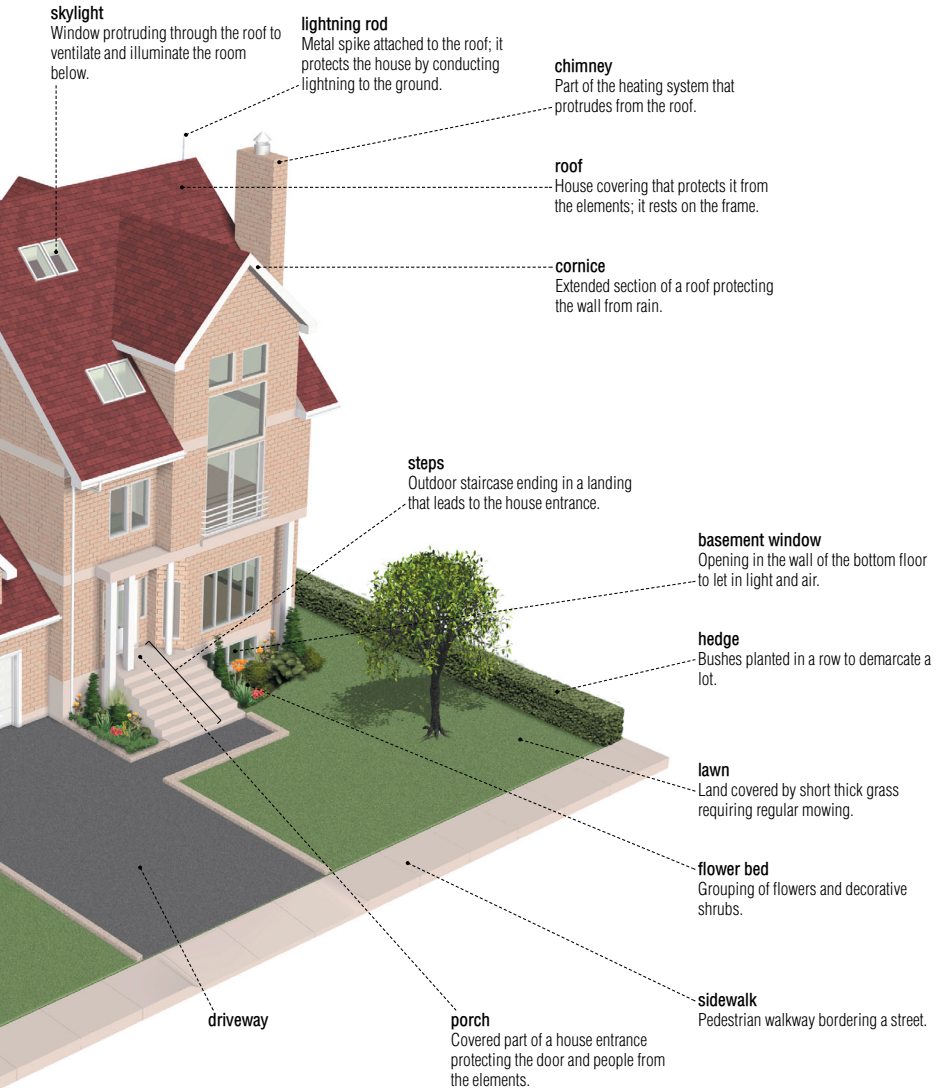




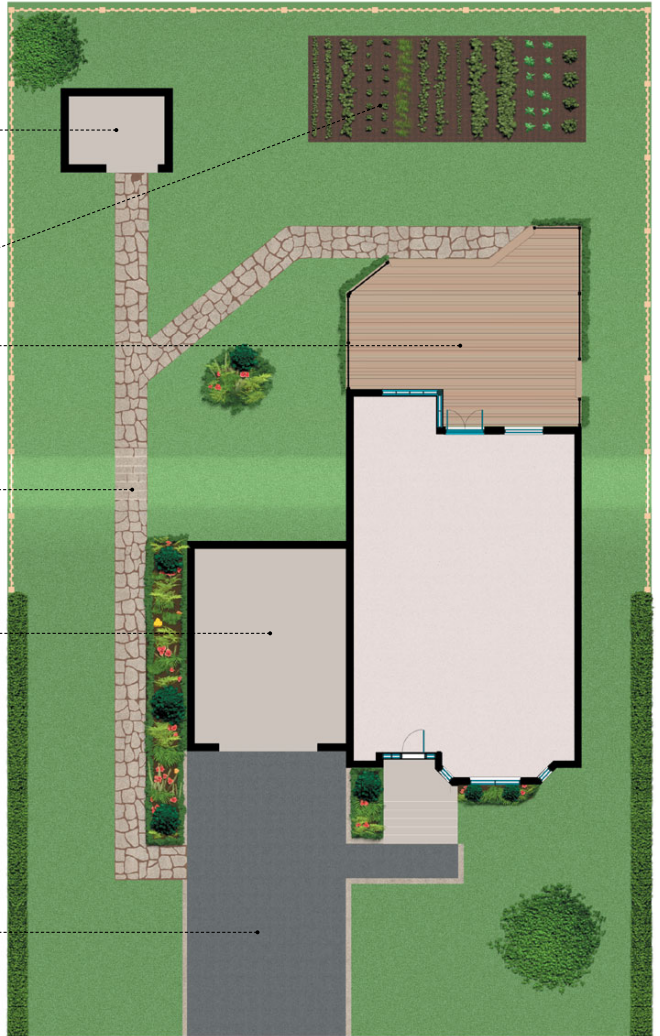
exterior of a house

View of a house on its site with the components of its exterior structure.





- shed**  
Structure used for storing garden equipment.
- vegetable garden**  
Plot of land for growing edible plants.
- patio**  
Large outdoor surface adjacent to the house; used by people.
- garden path**  
Walkway bordered by plants.
- garage**  
Structure used for parking vehicles.
- driveway**



**site plan**

Graphical representation of the horizontal projection of a lot.

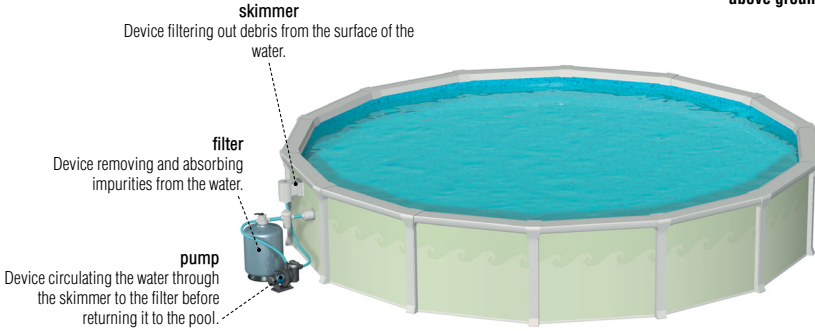
Man-made basin designed for swimming.



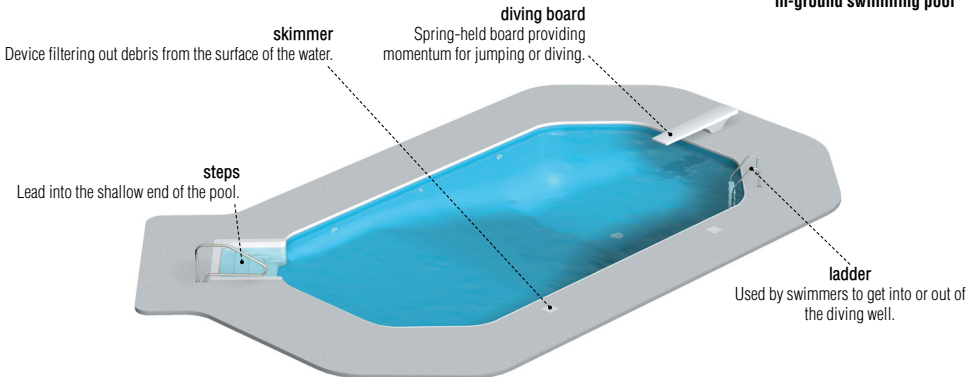
**spa**

A hot tub equipped with water and air jets; the water is kept at a high temperature.

**above ground swimming pool**



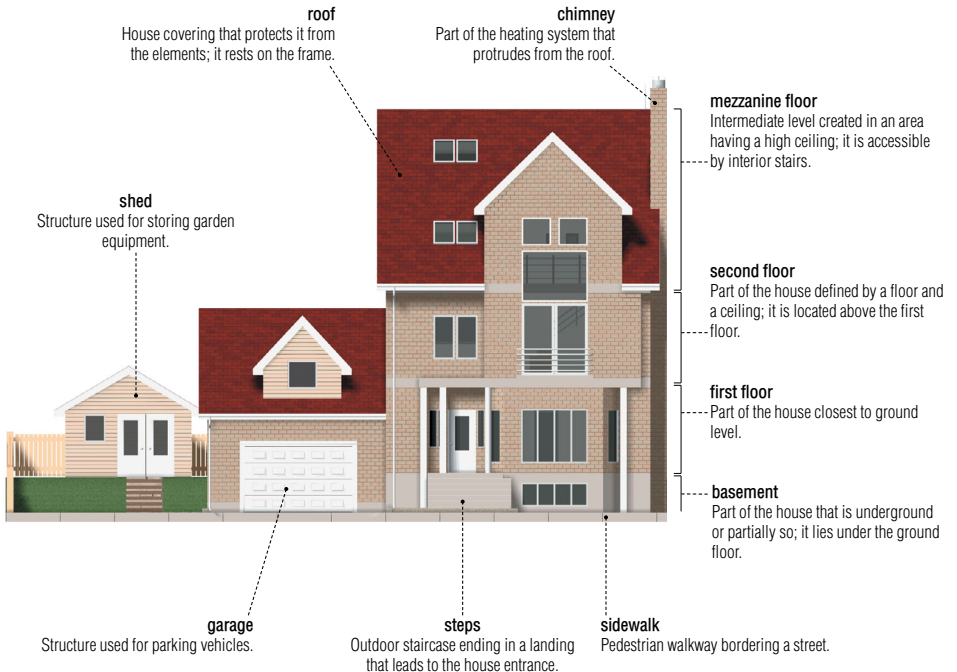
**in-ground swimming pool**



main rooms

**elevation**

Vertical representation of the projection of the house.



**mezzanine floor**

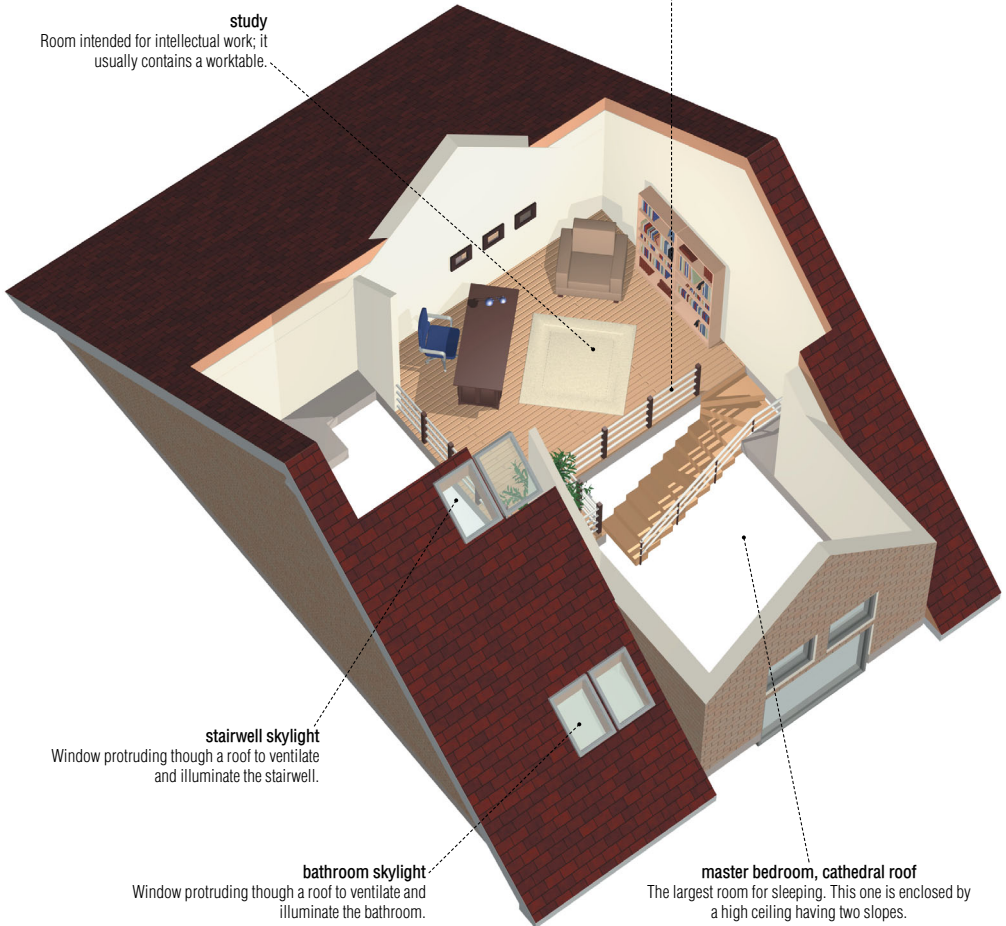
Intermediate level created in an area having a high ceiling; it is accessible by interior stairs.

**railing**

Handrail at support level bordering the open side of a room.

**study**

Room intended for intellectual work; it usually contains a worktable.



**stairwell skylight**

Window protruding through a roof to ventilate and illuminate the stairwell.

**bathroom skylight**

Window protruding through a roof to ventilate and illuminate the bathroom.

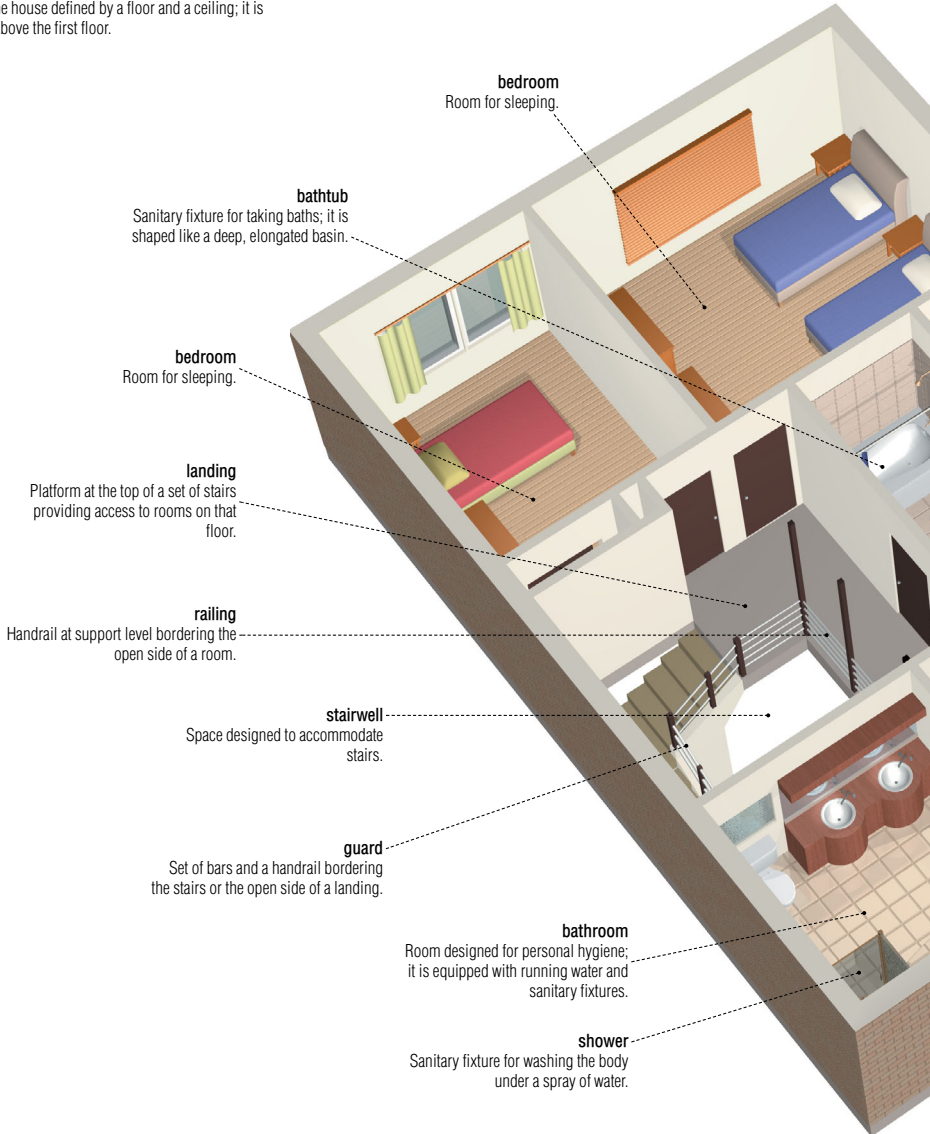
**master bedroom, cathedral roof**

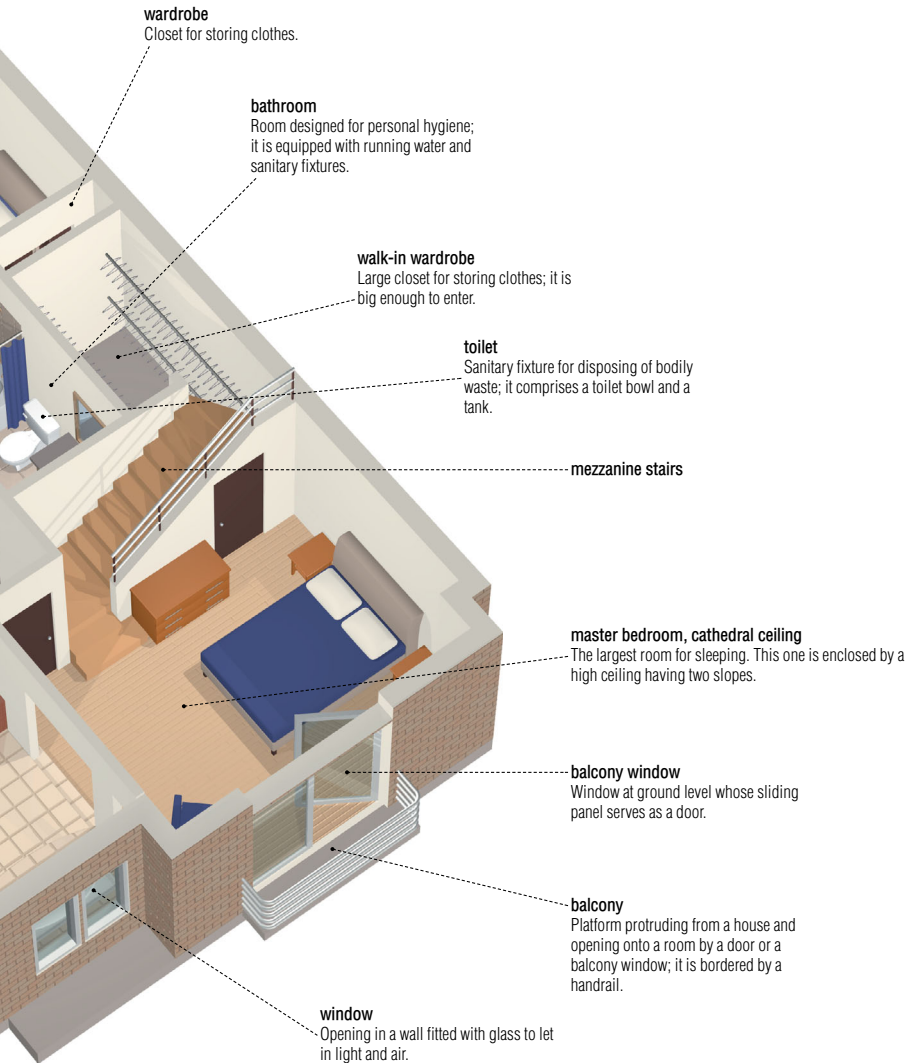
The largest room for sleeping. This one is enclosed by a high ceiling having two slopes.

main rooms

**second floor**

Part of the house defined by a floor and a ceiling; it is located above the first floor.



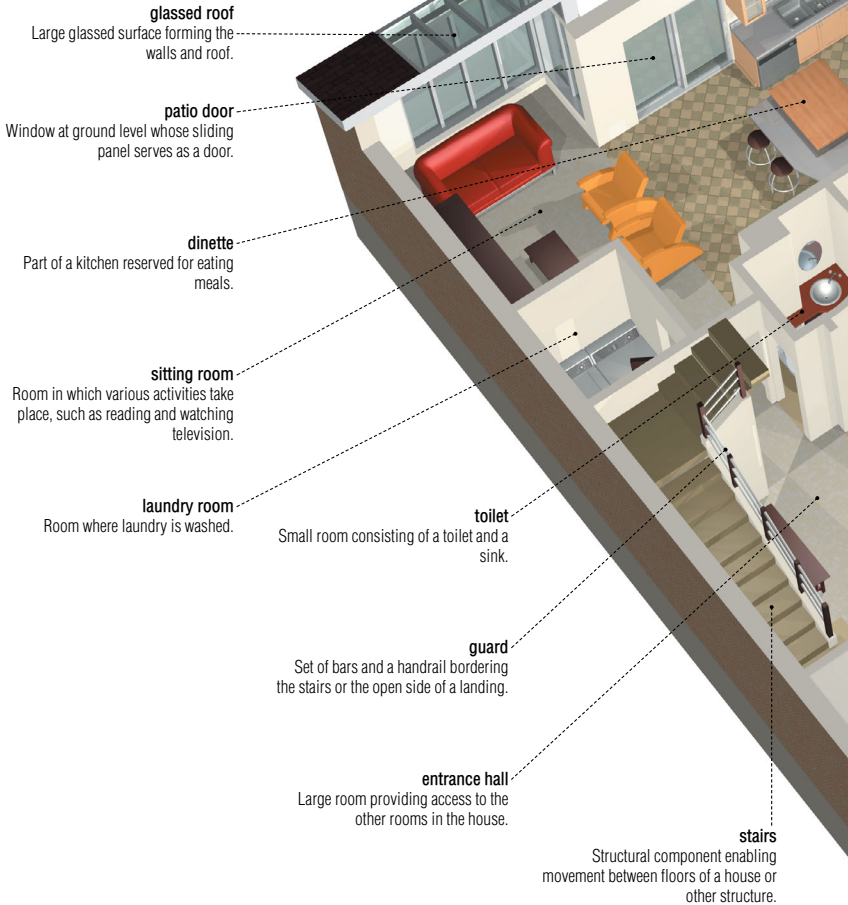


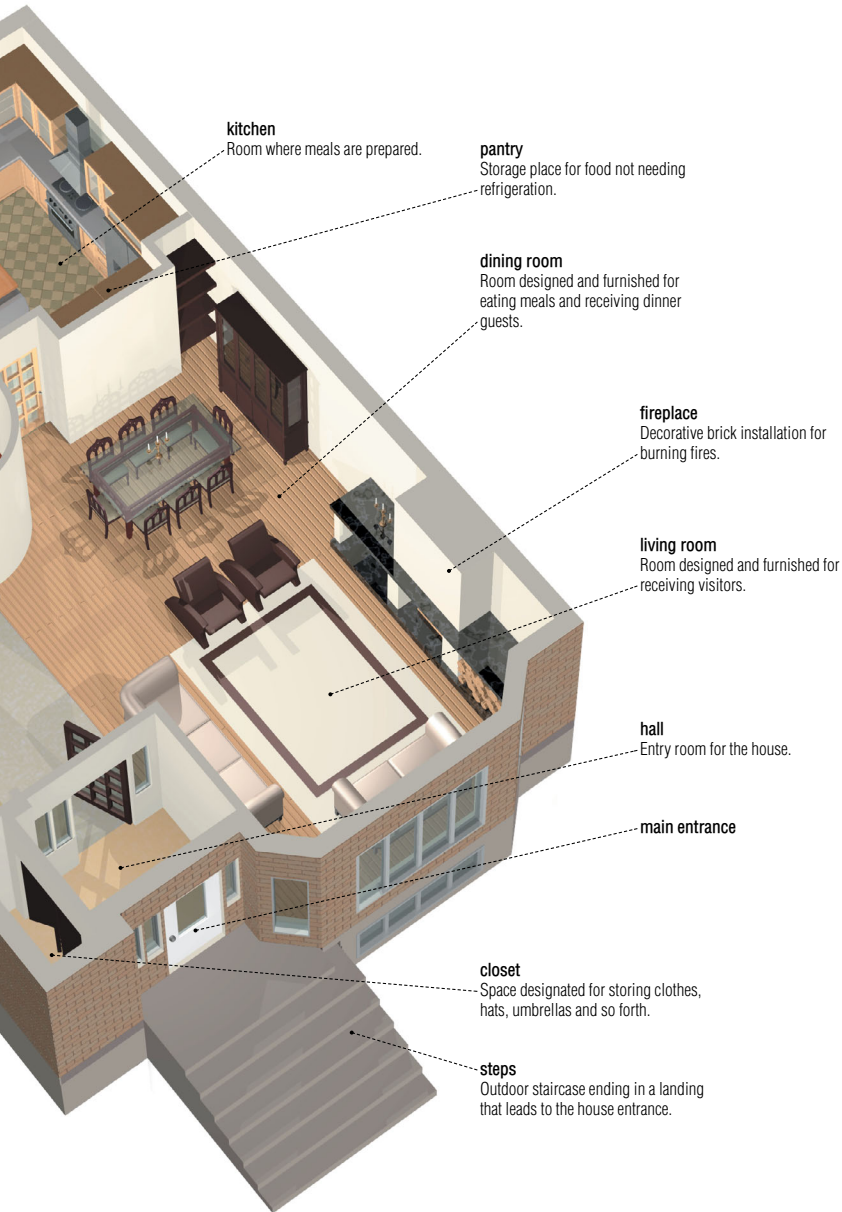


## main rooms

### first floor

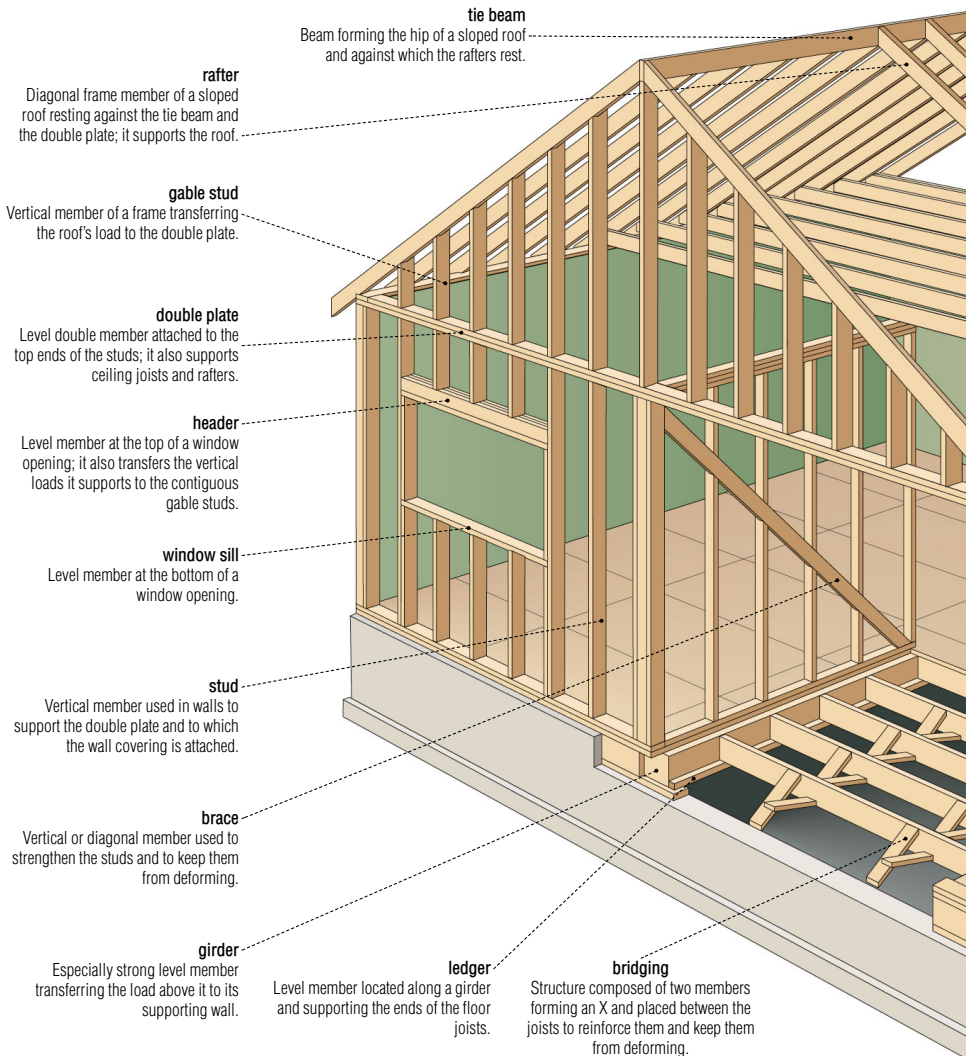
Part of the house closest to ground level.





frame

Assembly of members that consists of the load-bearing structure of a building and that provides stability to it.



**tie beam**

Beam forming the hip of a sloped roof and against which the rafters rest.

**rafter**

Diagonal frame member of a sloped roof resting against the tie beam and the double plate; it supports the roof.

**gable stud**

Vertical member of a frame transferring the roof's load to the double plate.

**double plate**

Level double member attached to the top ends of the studs; it also supports ceiling joists and rafters.

**header**

Level member at the top of a window opening; it also transfers the vertical loads it supports to the contiguous gable studs.

**window sill**

Level member at the bottom of a window opening.

**stud**

Vertical member used in walls to support the double plate and to which the wall covering is attached.

**brace**

Vertical or diagonal member used to strengthen the studs and to keep them from deforming.

**girder**

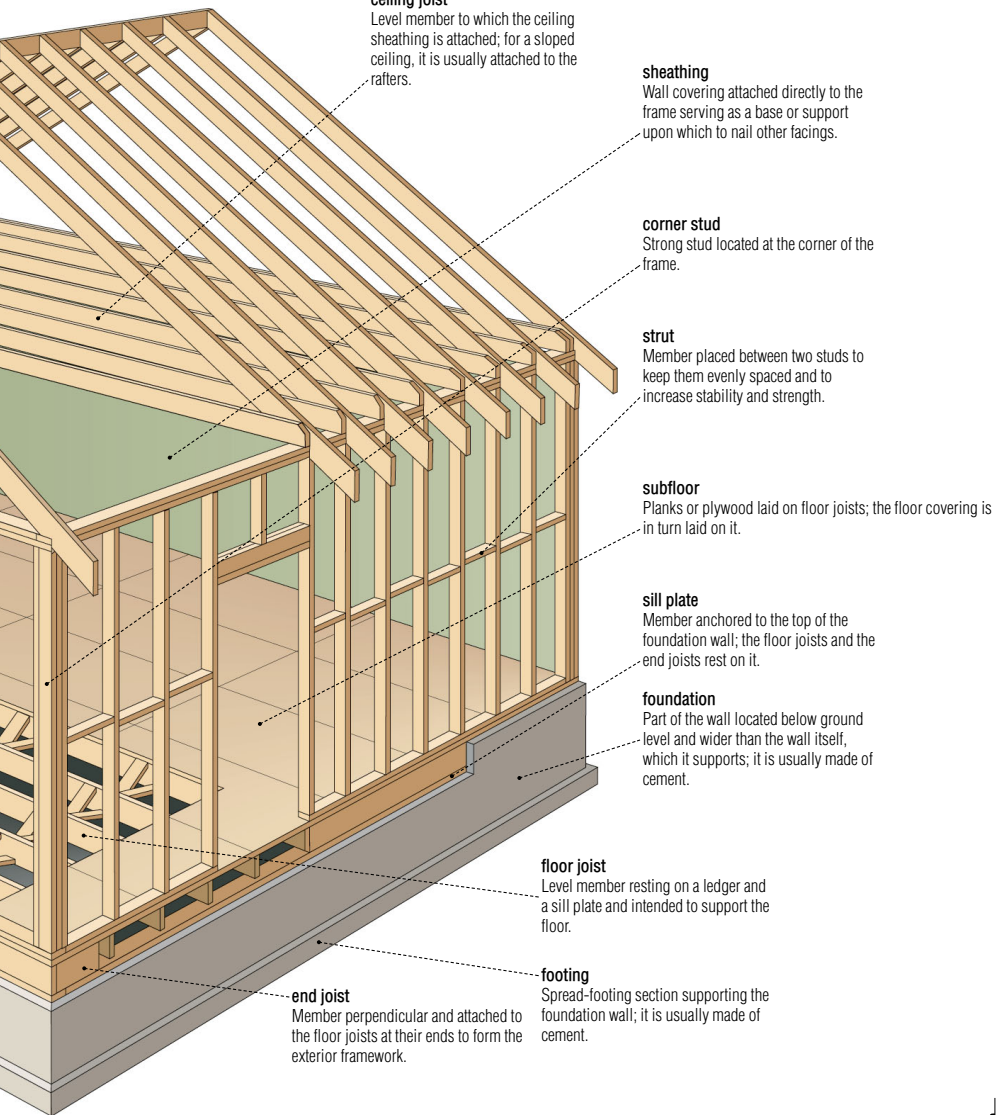
Especially strong level member transferring the load above it to its supporting wall.

**ledger**

Level member located along a girder and supporting the ends of the floor joists.

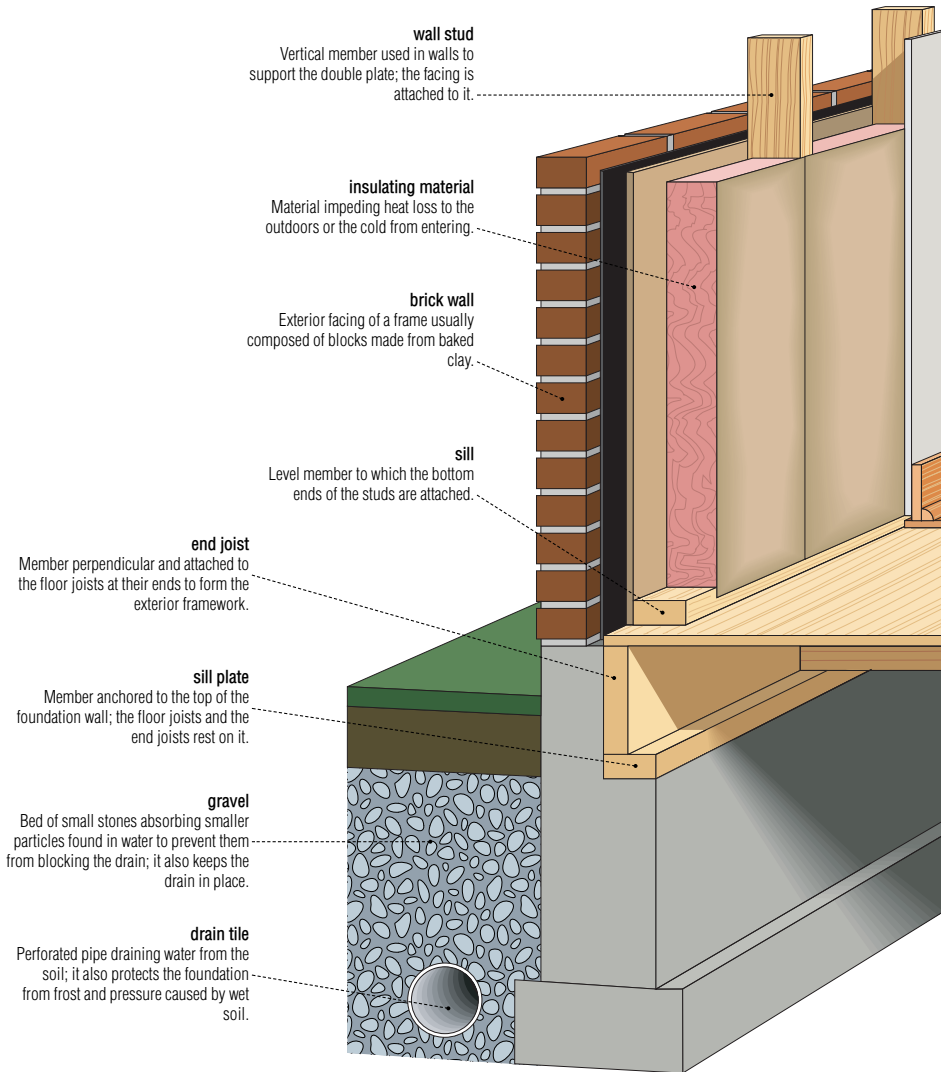
**bridging**

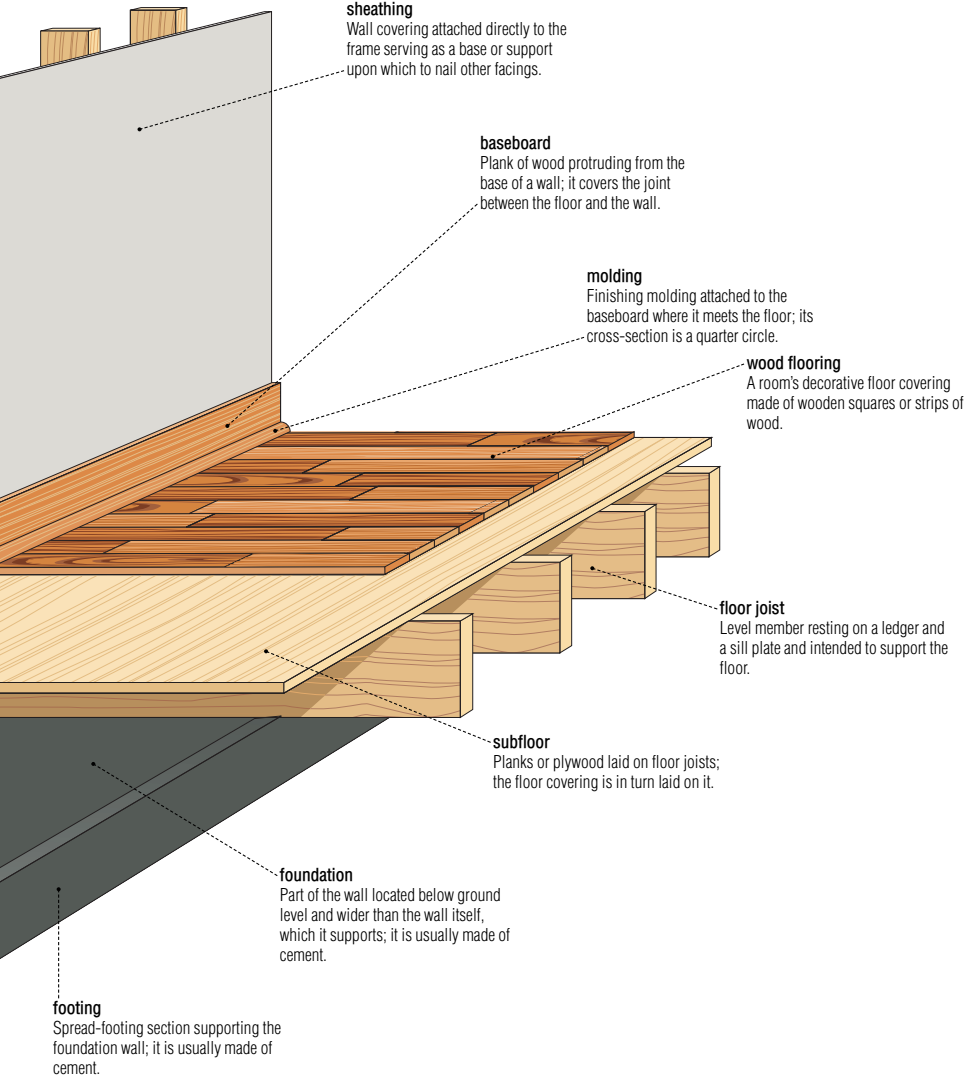
Structure composed of two members forming an X and placed between the joists to reinforce them and keep them from deforming.



# foundation

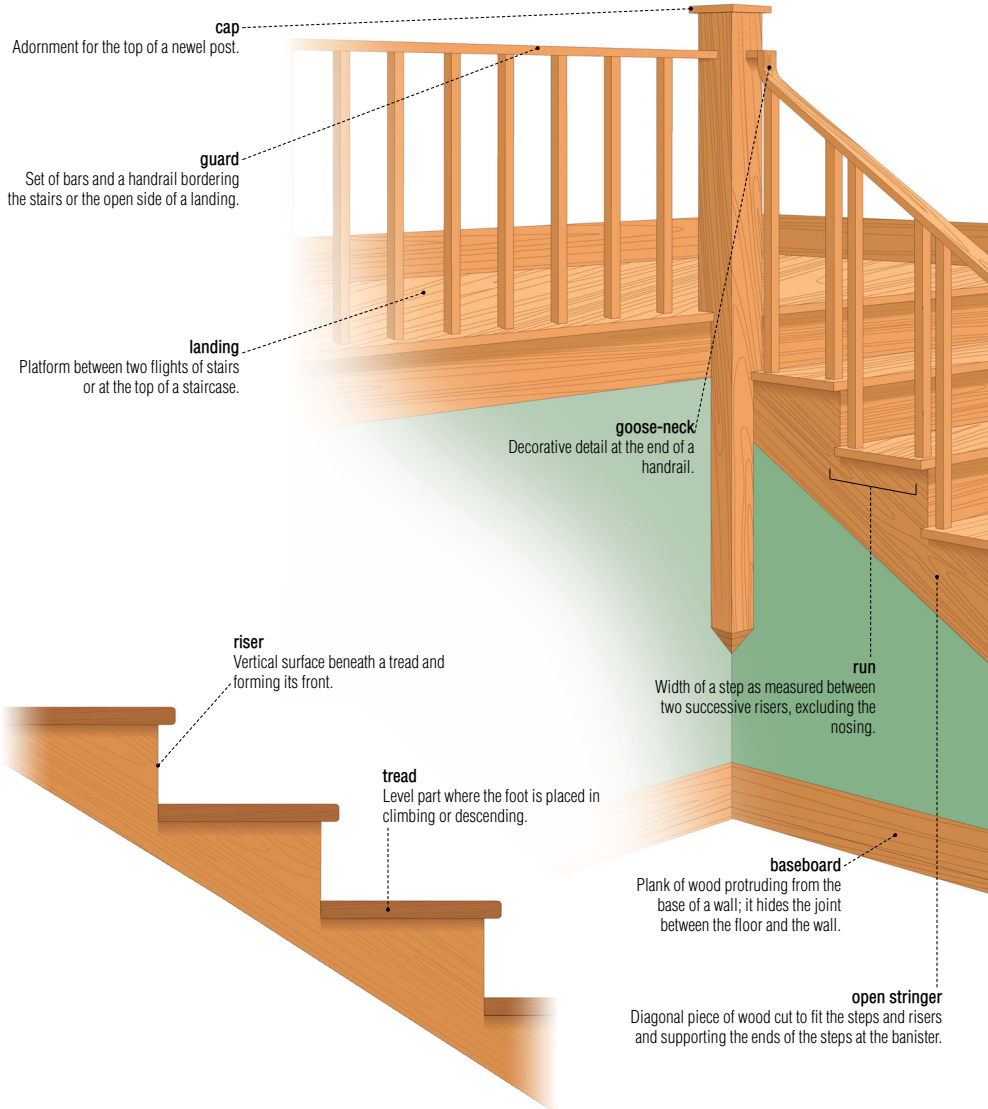
Work done on-site in cement or masonry; it supports a structure's load and transfers it to the ground, thus providing stability.





stairs

Structural component enabling movement between floors of a house or other structure.



**cap**

Adornment for the top of a newel post.

**guard**

Set of bars and a handrail bordering the stairs or the open side of a landing.

**landing**

Platform between two flights of stairs or at the top of a staircase.

**goose-neck**

Decorative detail at the end of a handrail.

**riser**

Vertical surface beneath a tread and forming its front.

**tread**

Level part where the foot is placed in climbing or descending.

**run**

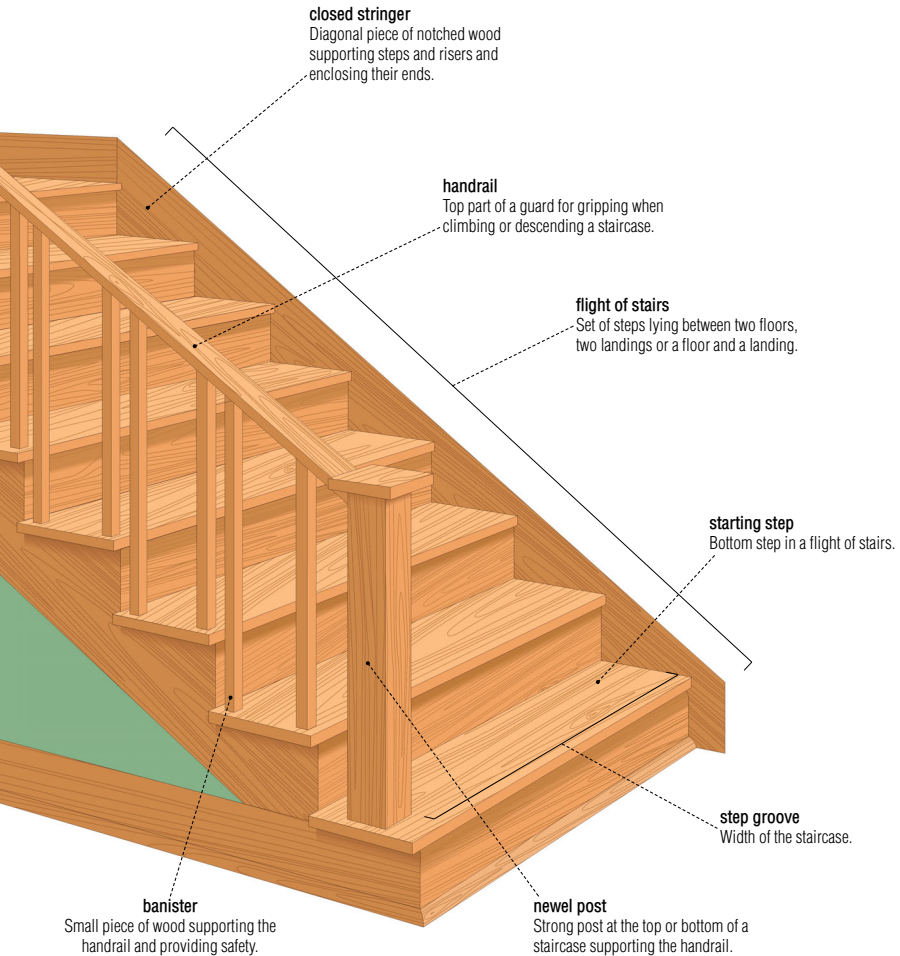
Width of a step as measured between two successive risers, excluding the nosing.

**baseboard**

Plank of wood protruding from the base of a wall; it hides the joint between the floor and the wall.

**open stringer**

Diagonal piece of wood cut to fit the steps and risers and supporting the ends of the steps at the banister.



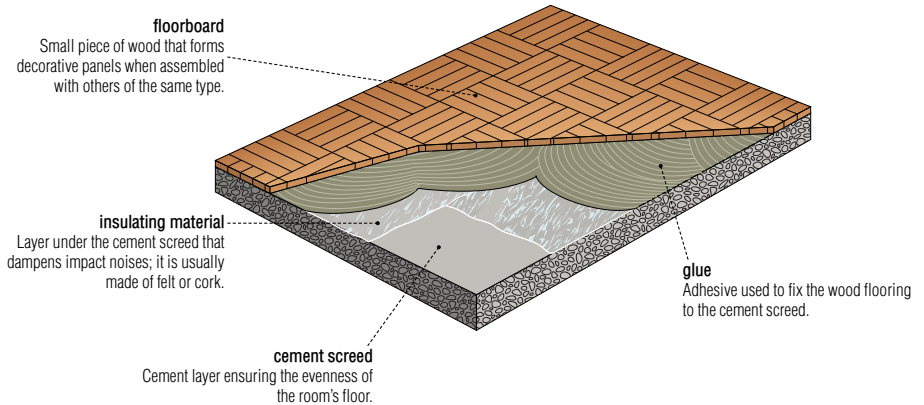


## wood flooring

A room's decorative floor covering made of wooden squares or strips of wood.

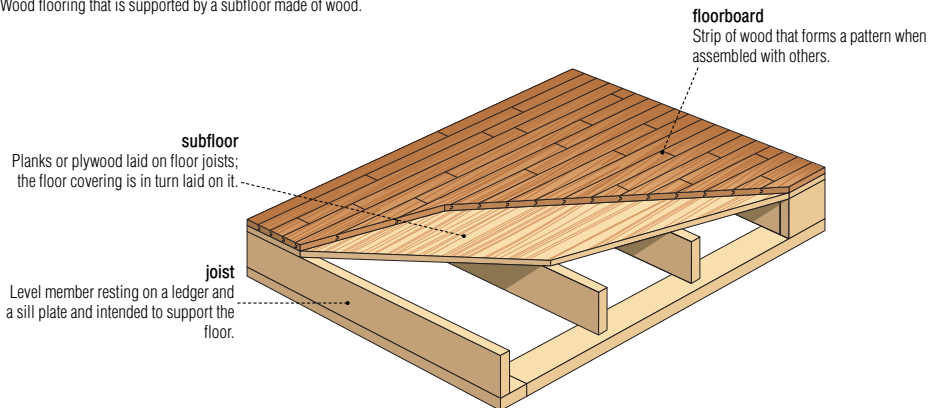
### wood flooring on cement screed

Wood flooring that is supported by a layer of cement.



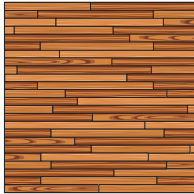
### wood flooring on wooden structure

Wood flooring that is supported by a subfloor made of wood.



**wood flooring arrangements**

Strip flooring and parquet are vehicles for creating various artistic patterns.



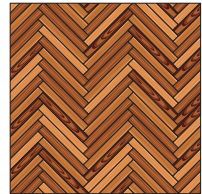
**overlay flooring**

Wood flooring with floorboards of different lengths laid parallel; its joints are distributed randomly.



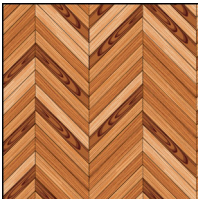
**strip flooring with alternate joints**

Wood flooring with floorboards of identical lengths laid parallel; its joints are offset by half a length from one row to the next.



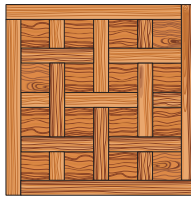
**herringbone parquet**

Wood flooring of rectangular wood strips of equal lengths laid one against the other to form an angle of 45°.



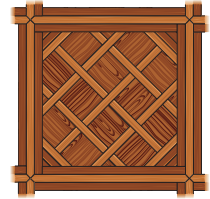
**herringbone pattern**

Wood flooring of equal lengths whose joints meet at 45° to 60° cuts.



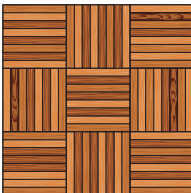
**Chantilly parquet**

Wood flooring composed of a border and of compartments positioned at right angles to it. Inspired by the Château de Chantilly in France.



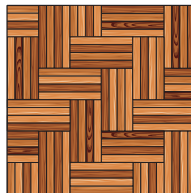
**Versailles parquet**

Wood flooring composed of a border and of compartments positioned diagonally in relation to it. Inspired by the Château de Versailles in France.



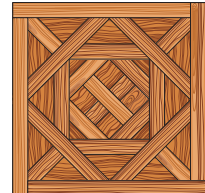
**inlaid parquet**

Wood flooring of parquetry assembled in a checkerboard pattern.



**basket weave pattern**

Wood flooring of parquetry creating a weavelike effect.



**Arenberg parquet**

Wood flooring composed of a border and of different geometric figures. Inspired by the Château d'Arenberg in Belgium.

## textile floor coverings

Textile floor coverings, such as rugs and pile carpets, are comfortable and attractive, and dampen impact noise.

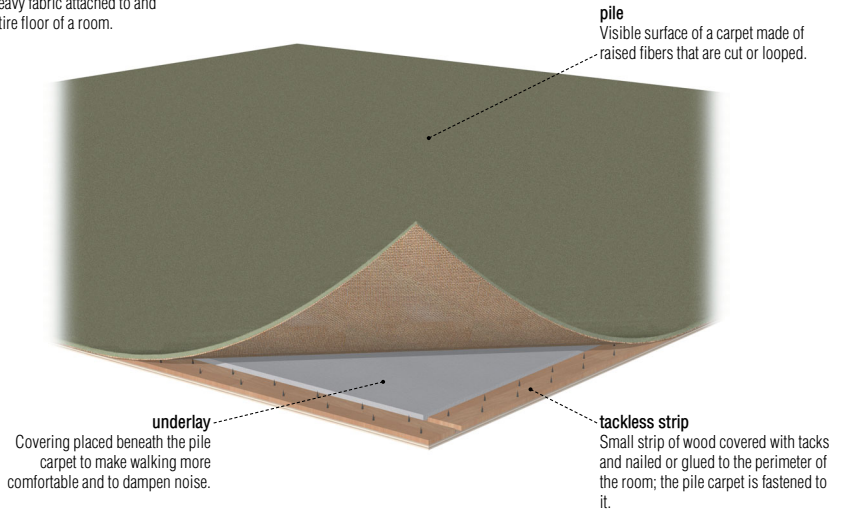
### **rug**

Piece of thick heavy fabric usually having a nap and covering a section of the floor; it is removable.



### **pile carpet**

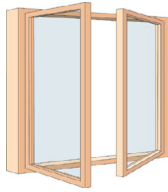
Piece of thick heavy fabric attached to and covering the entire floor of a room.



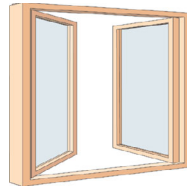
Opening in a wall fitted with glass to let in light and air.

### examples of windows

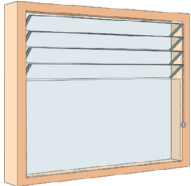
Windows: bays built into a wall and containing glass to let in light and air.



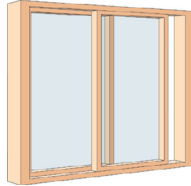
**French window**  
Window with two sashes that open in, pivoting vertically along a hanging stile.



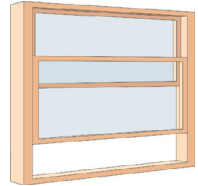
**casement window**  
Window with one or two sashes that open out, pivoting vertically along a hanging stile.



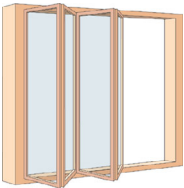
**louvered window**  
Window whose glass louvers rotate along a horizontal axis.



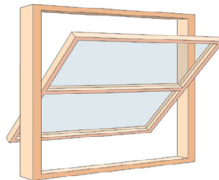
**sliding window**  
Window with one or more sashes that move horizontally along a groove.



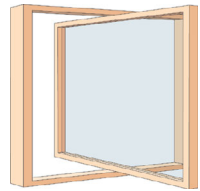
**sash window**  
Window with one or more overlapping sashes that slide open vertically.



**sliding folding window**  
Sliding window whose sash is composed of a series of articulated panels that fold together when opened.

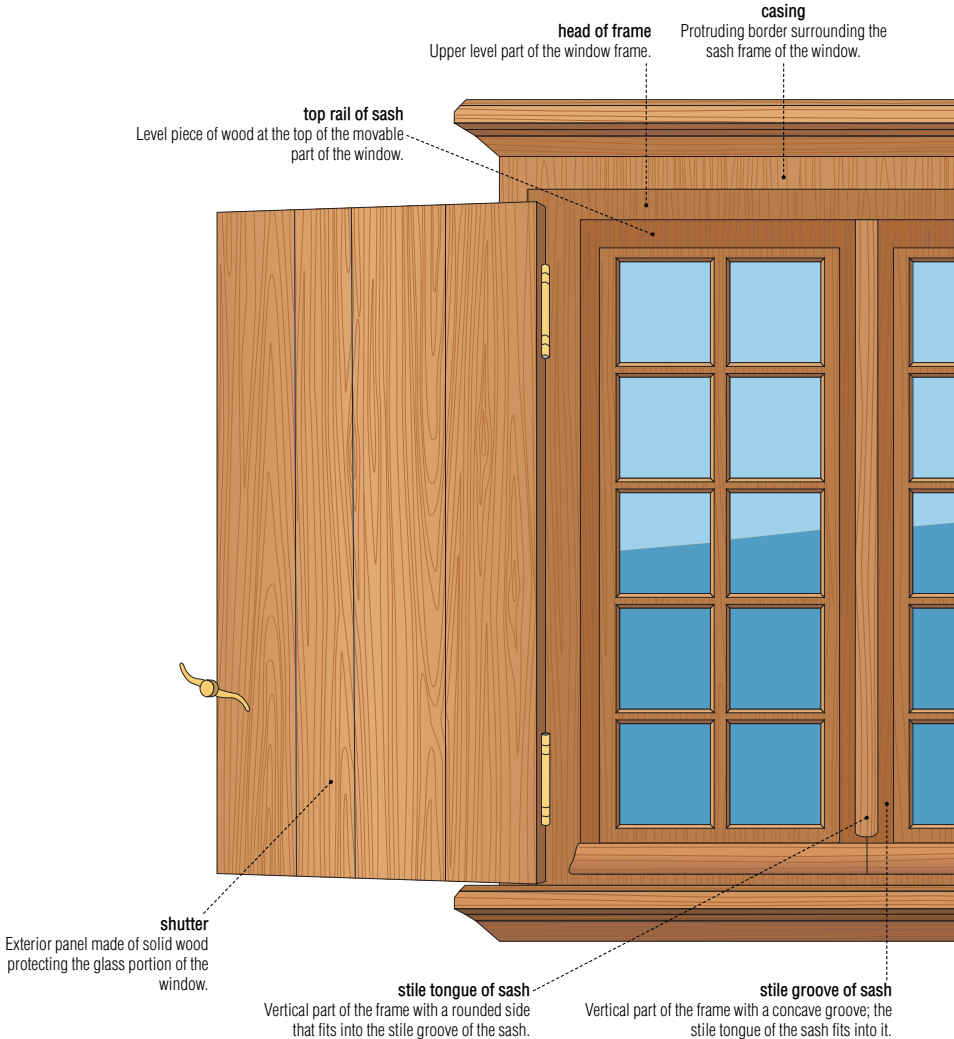


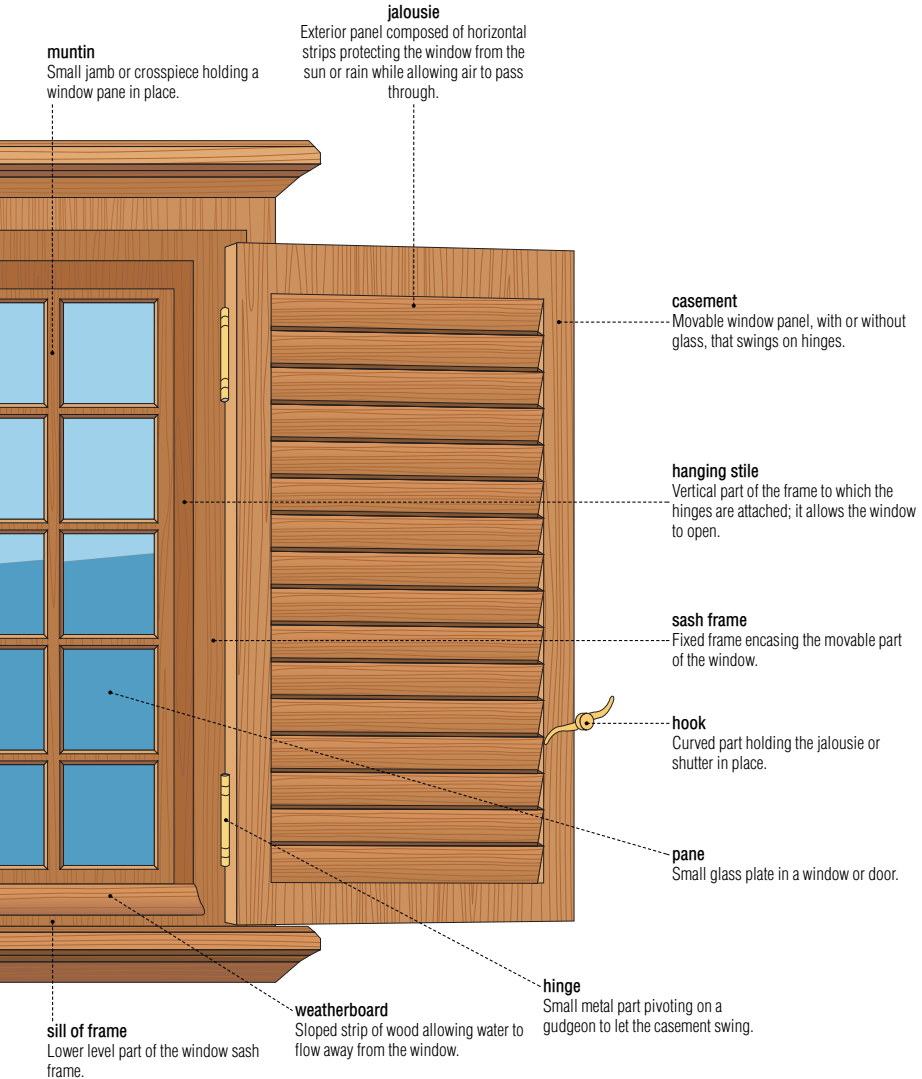
**horizontal pivoting window**  
Window whose sash rotates along a horizontal axis located at its midpoint.



**vertical pivoting window**  
Window whose sash rotates along a vertical axis located at its midpoint.

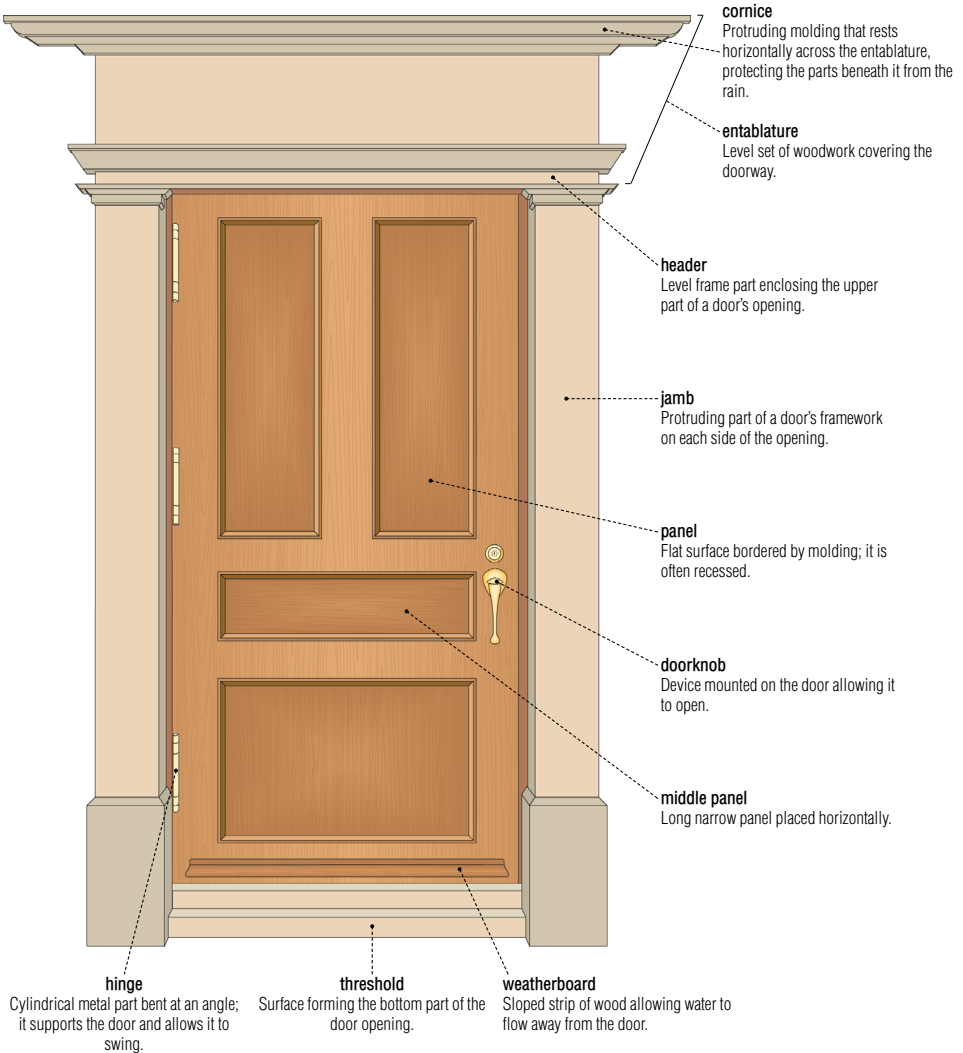
structure





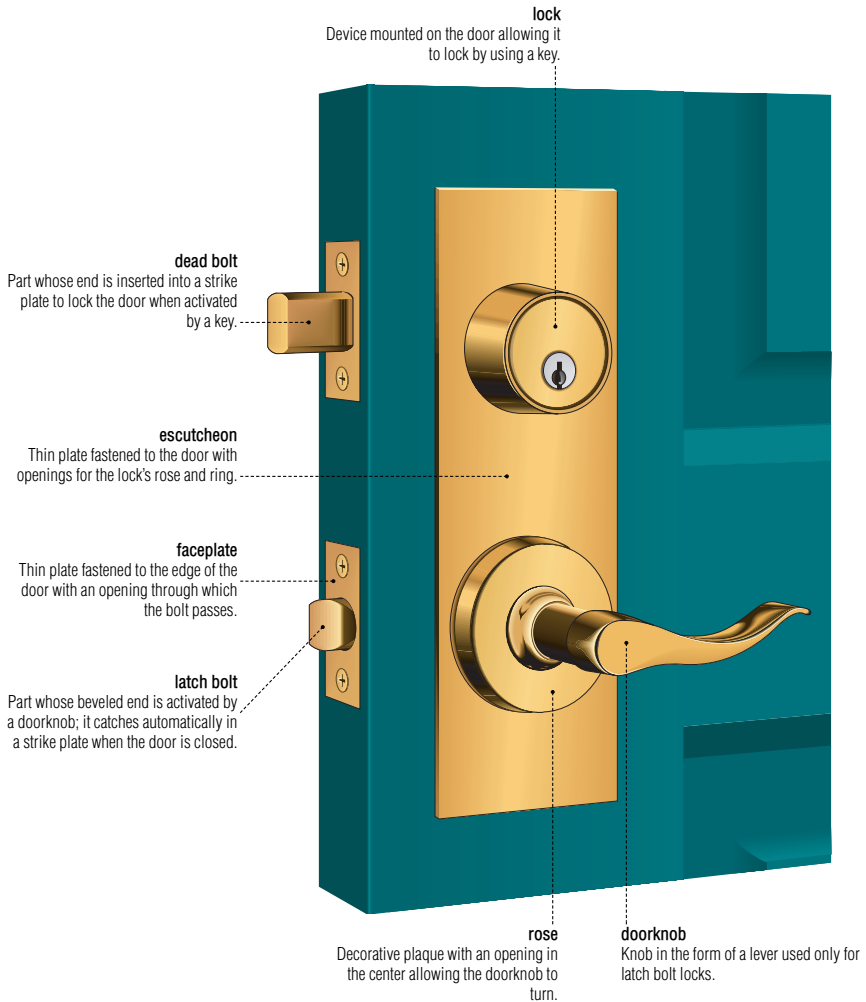
## exterior door

The exterior door comprises a moving part, the leaf, plus a frame. It provides access to and egress from the house.



Device mounted on the door allowing it to lock by using a key.

general view

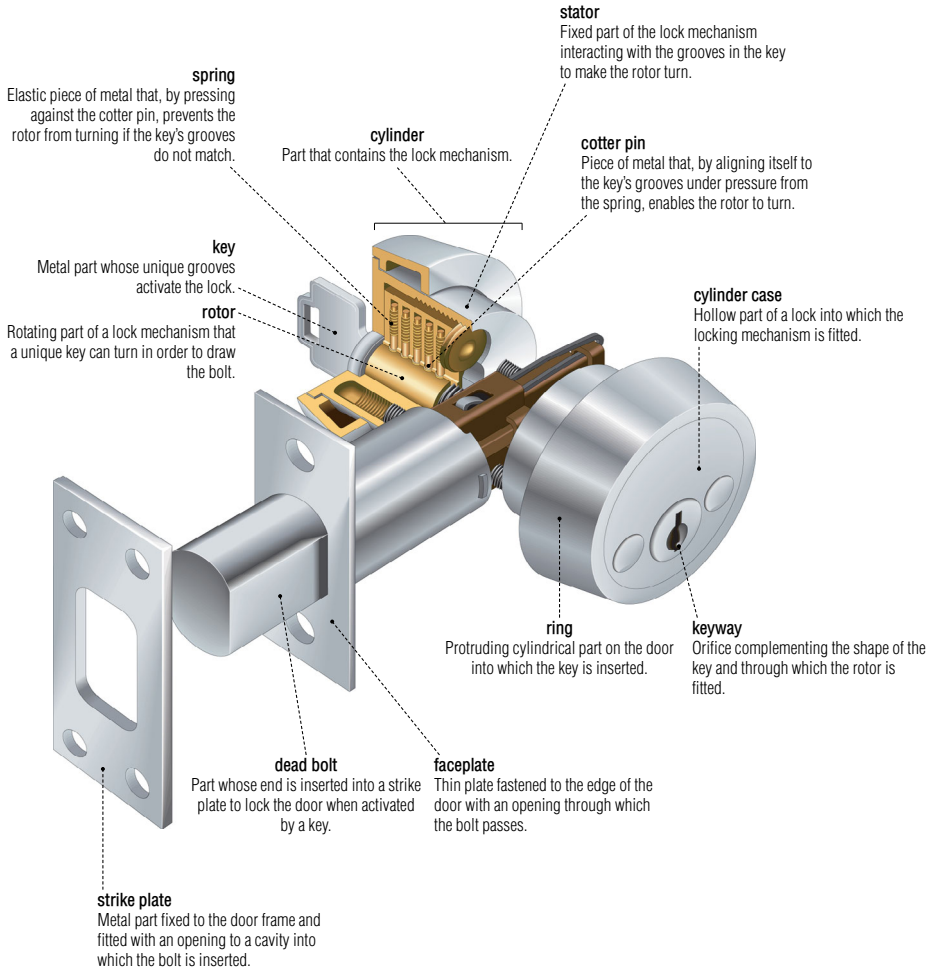




lock

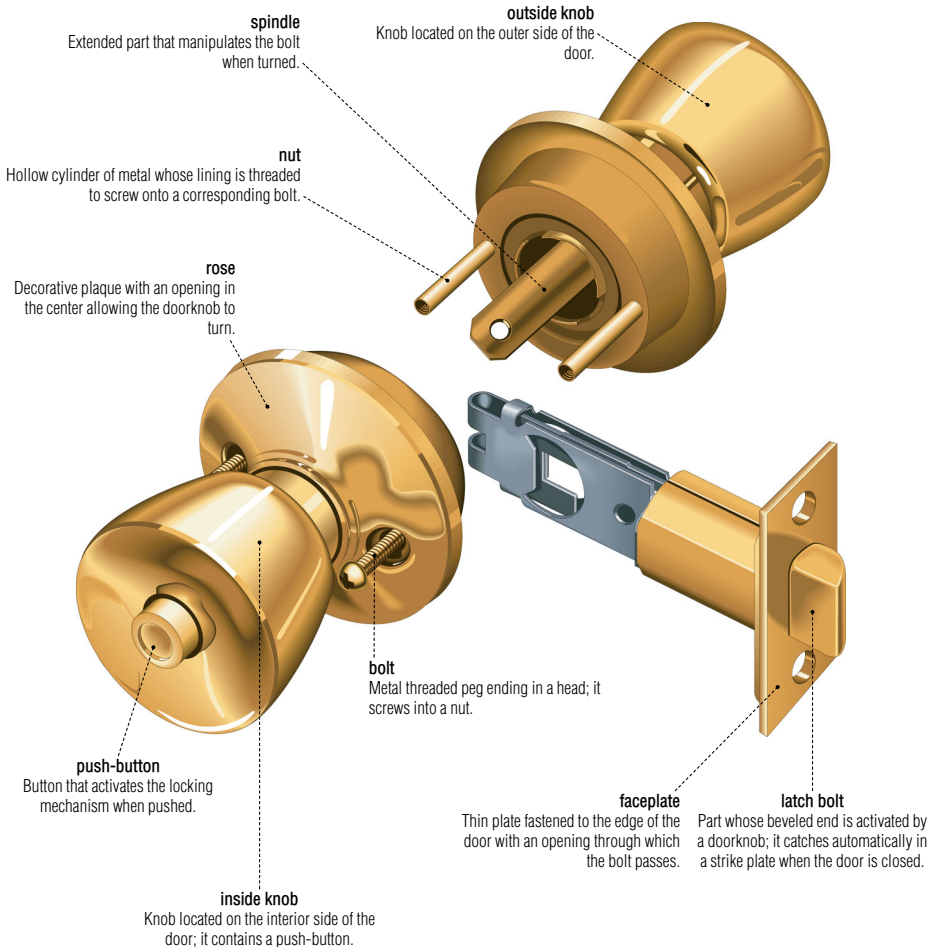
**mortise lock**

Lock fitted into a door whose dead bolt provides greater security; it is used especially on exterior doors.



**tubular lock**

Lock whose knobs activate a latch bolt and is locked by pushing a button; it is used for interior doors.

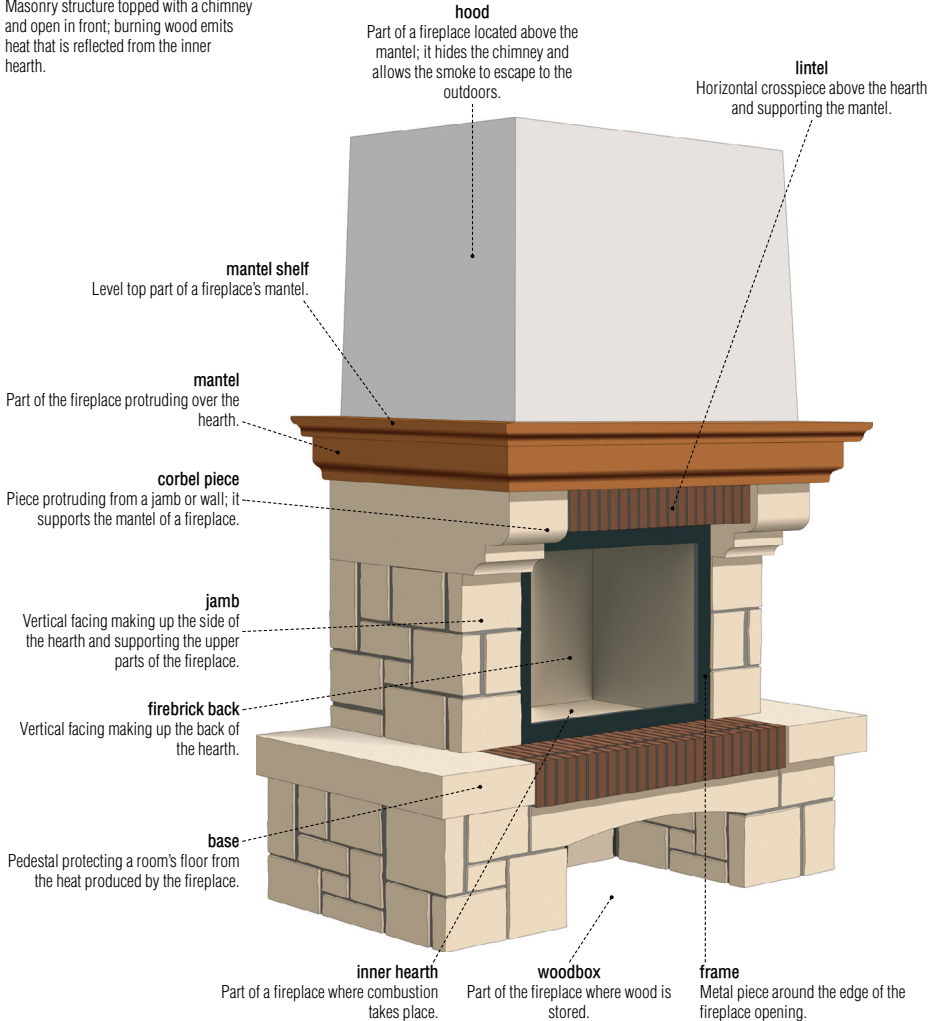


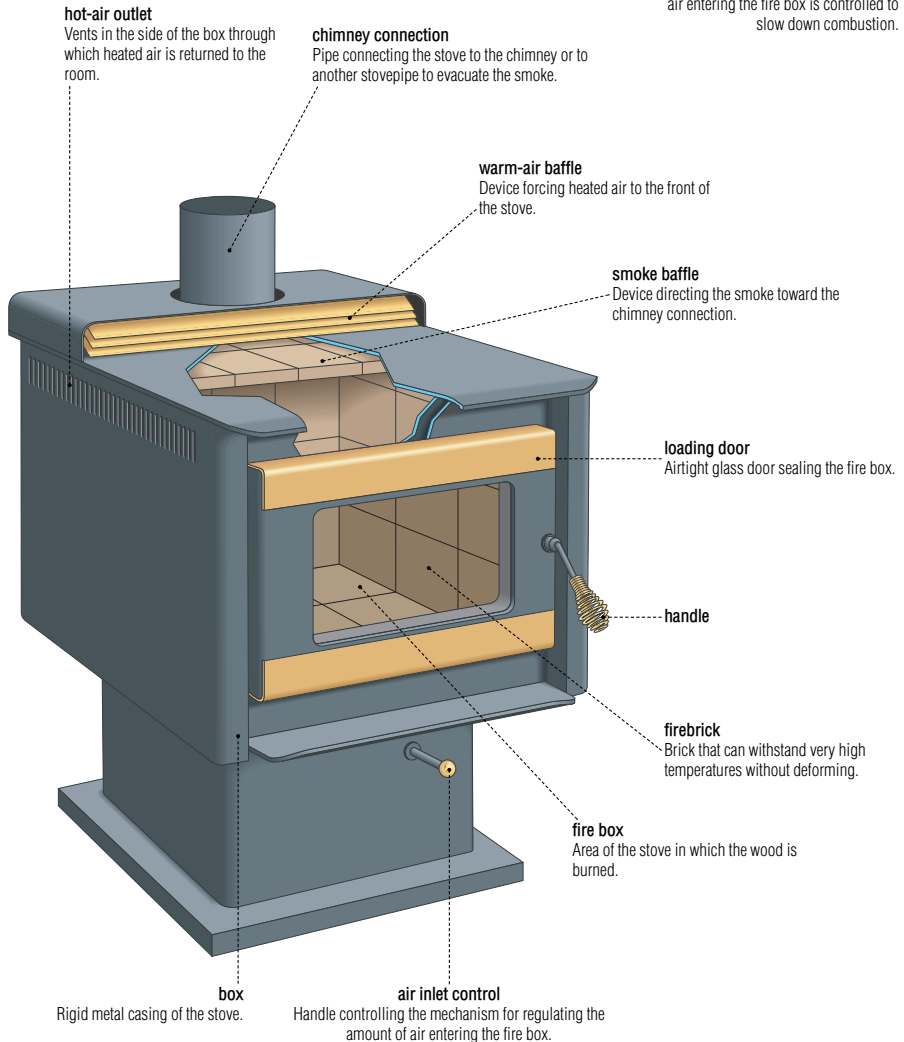
## wood firing

Creates heat by burning wood; nowadays, heating with wood is usually reserved as a backup.

**fireplace**

Masonry structure topped with a chimney and open in front; burning wood emits heat that is reflected from the inner hearth.

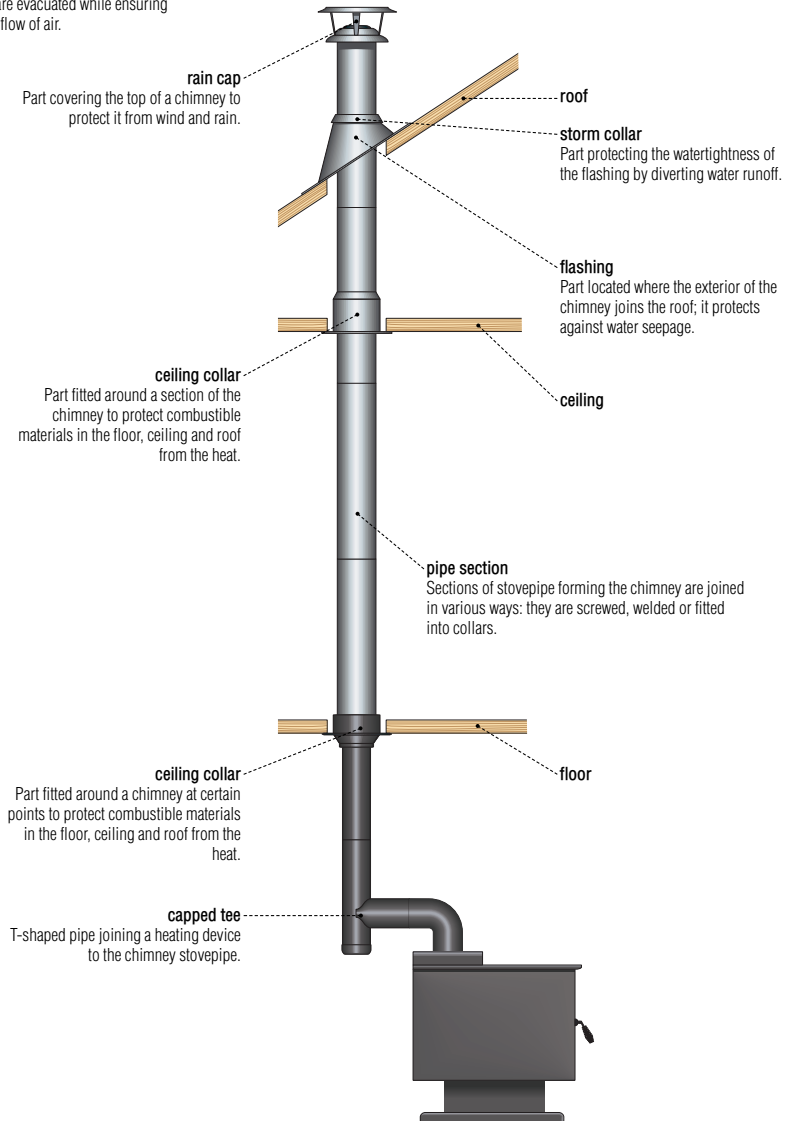




## wood firing

**chimney**

Channel through which smoke and combustion gases from a heating device are evacuated while ensuring the free flow of air.



**fire irons**

Tools used to grasp and move burning wood, revive the fire and collect the ashes.

**poker**

Tool for poking the embers and logs in order to stir up the fire.

**log tongs**

Tool for grasping and moving logs and embers.

**shovel**

Tool for collecting the ashes.

**broom**

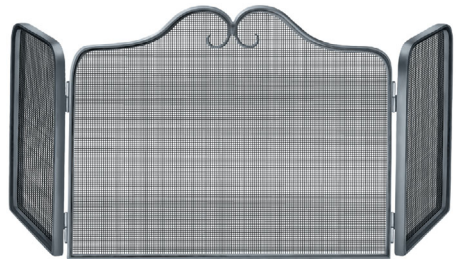
Tool for cleaning the hearth and sweeping the ashes into the shovel.

**log carrier**

Basket for carrying firewood and storing it near the fireplace.

**andirons**

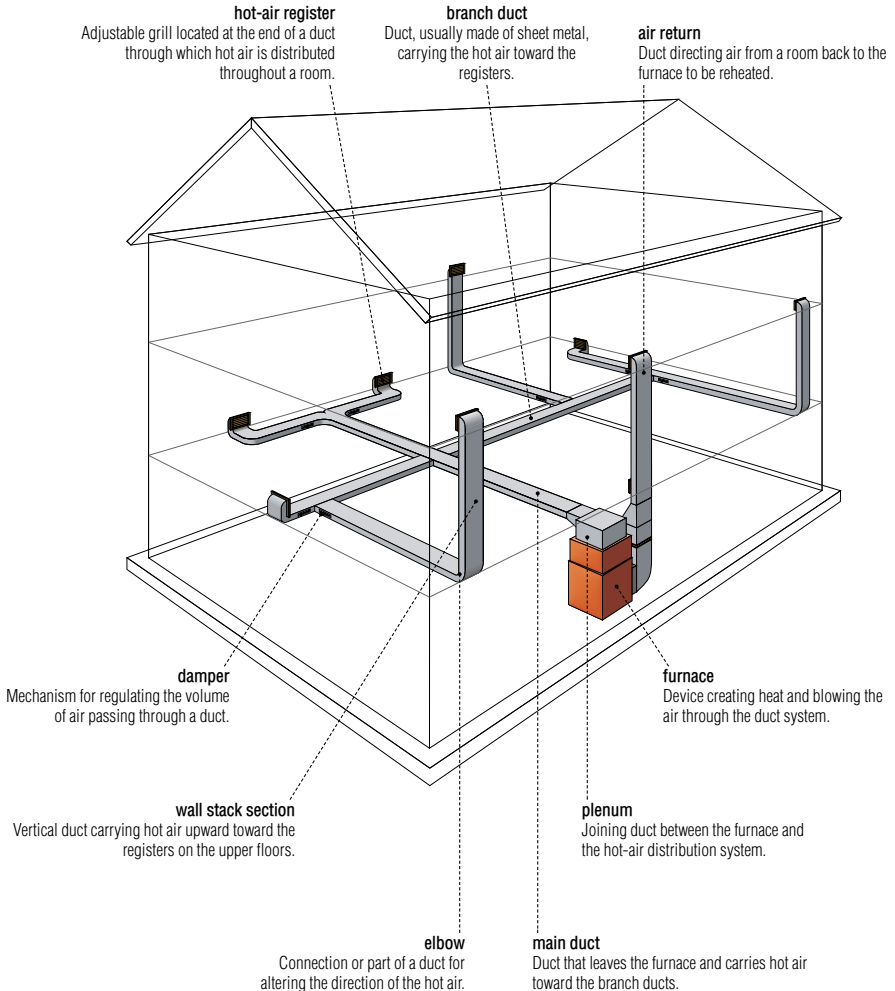
Metal supports placed in the hearth for cradling the logs; they allow air to circulate during combustion.

**fireplace screen**

Device placed in front of the fireplace opening to protect the floor from sparks.

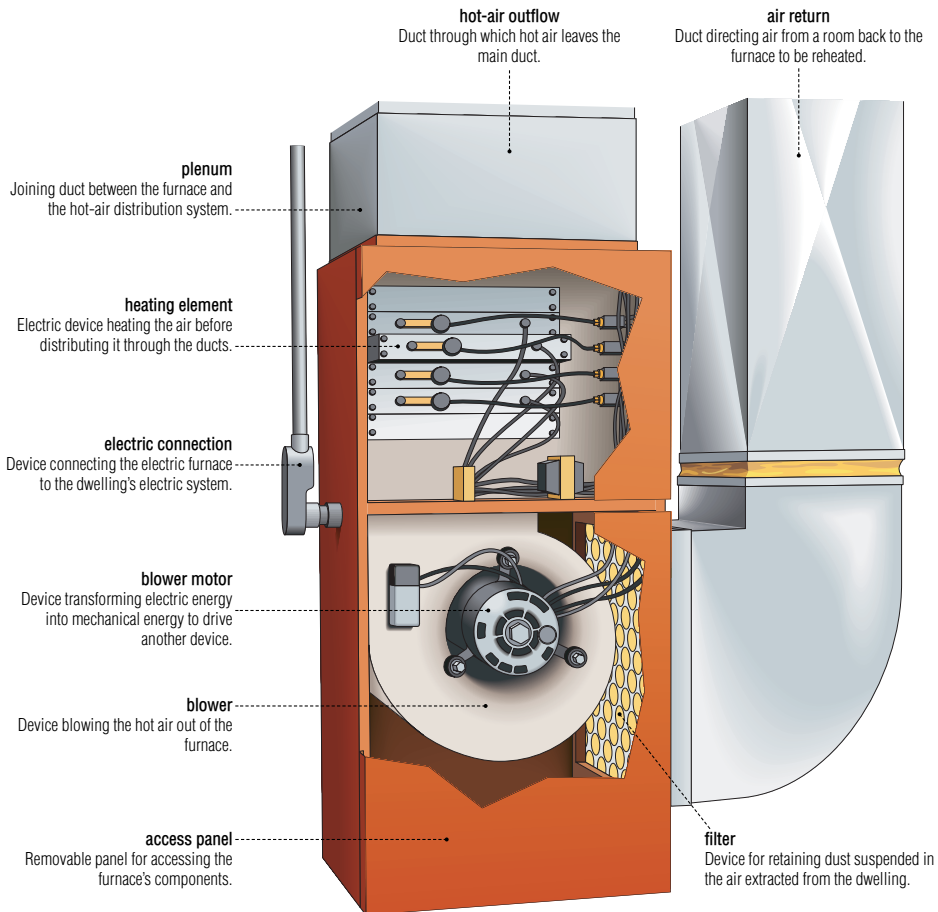
## forced warm-air system

In this type of system, air is heated in a furnace and blown by a fan through a network of ducts to the rooms of a dwelling.



**electric furnace**

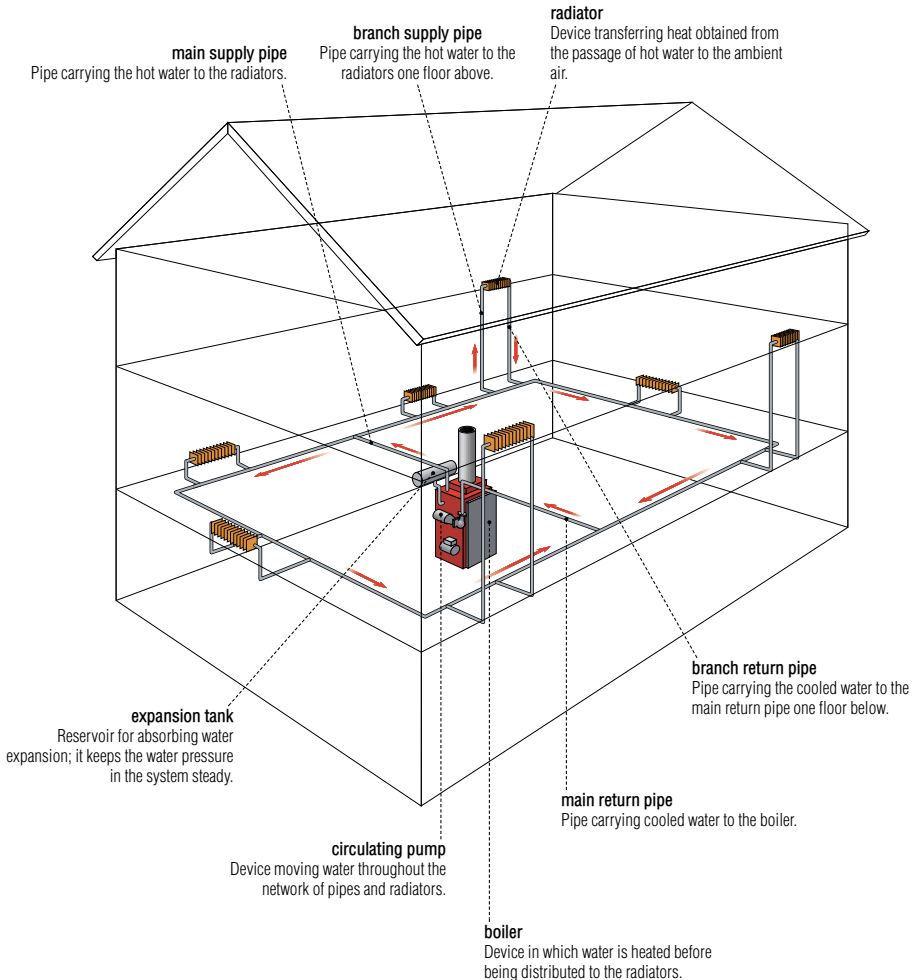
Device using electricity for creating heat and blowing it through the duct system.





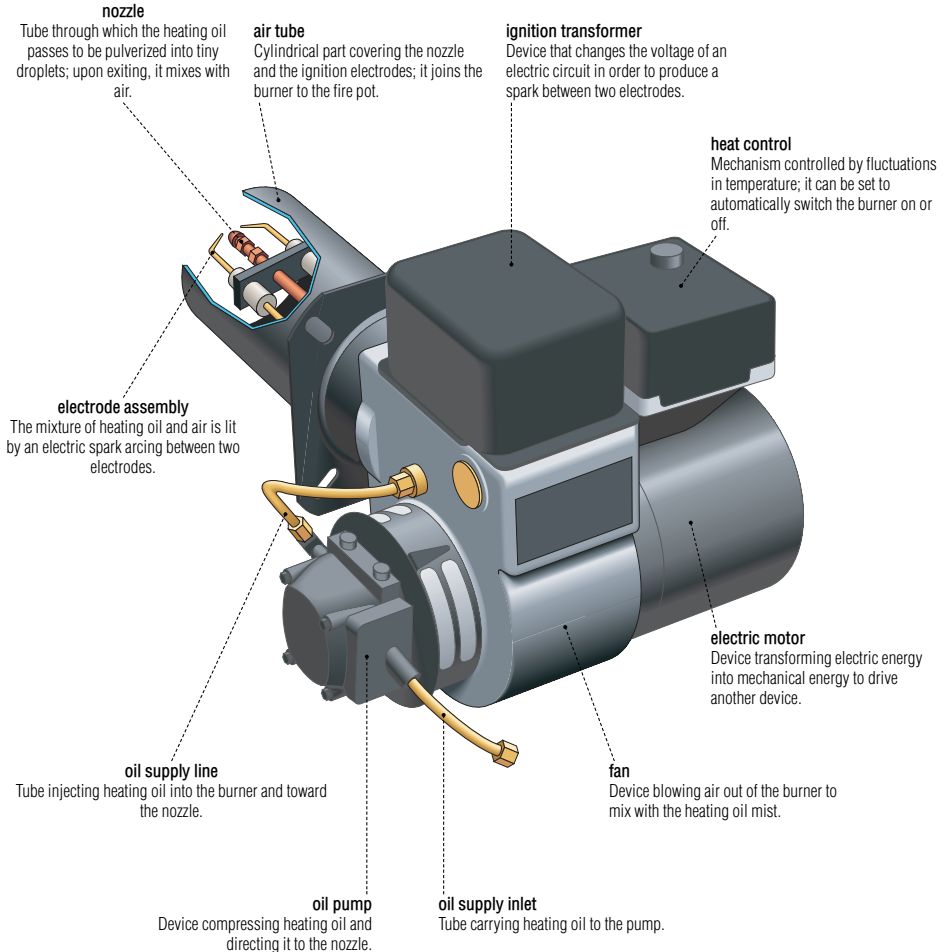
## forced hot-water system

Water heated in a boiler flows up to the radiators, where it releases its heat to the ambient air; the water then returns to the boiler to be reheated.



**oil burner**

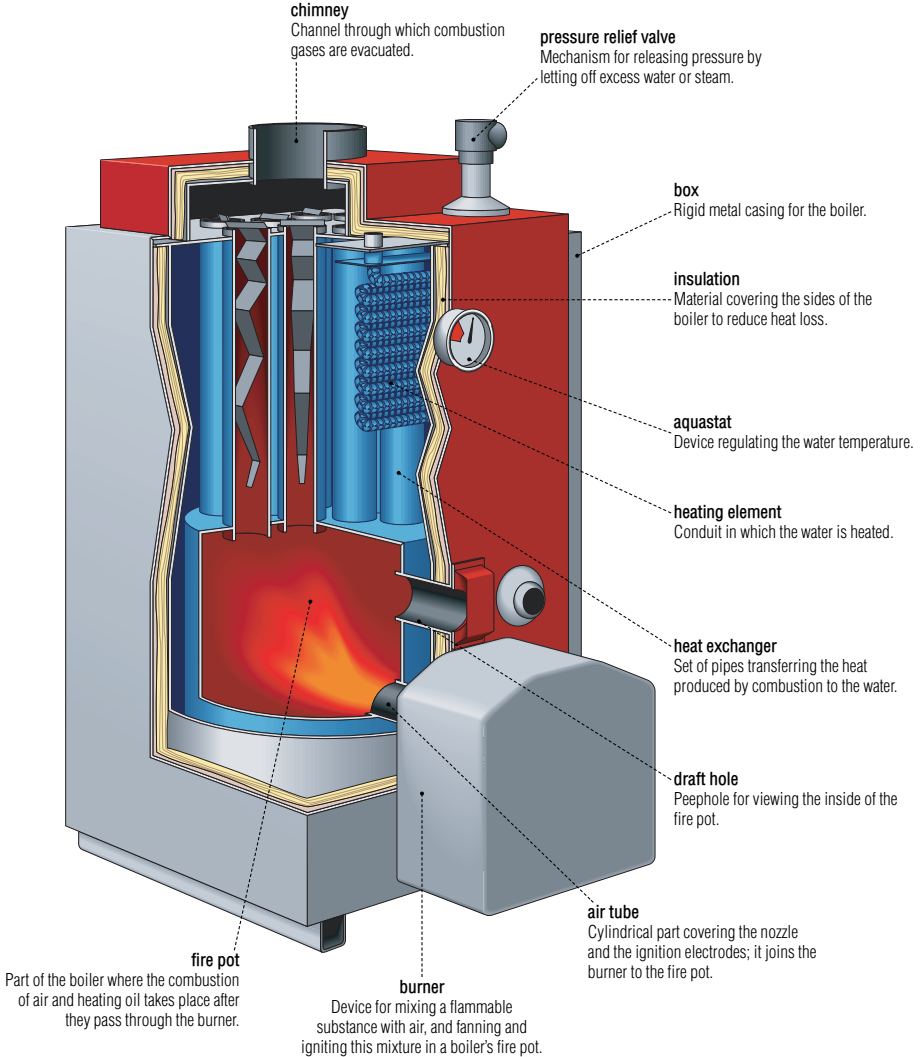
Device for mixing a flammable substance (heating oil) with air, then blowing and igniting this mixture in a boiler's fire pot.



## forced hot-water system

**boiler**

Device in which water is heated before being distributed to the radiators.



**column radiator**

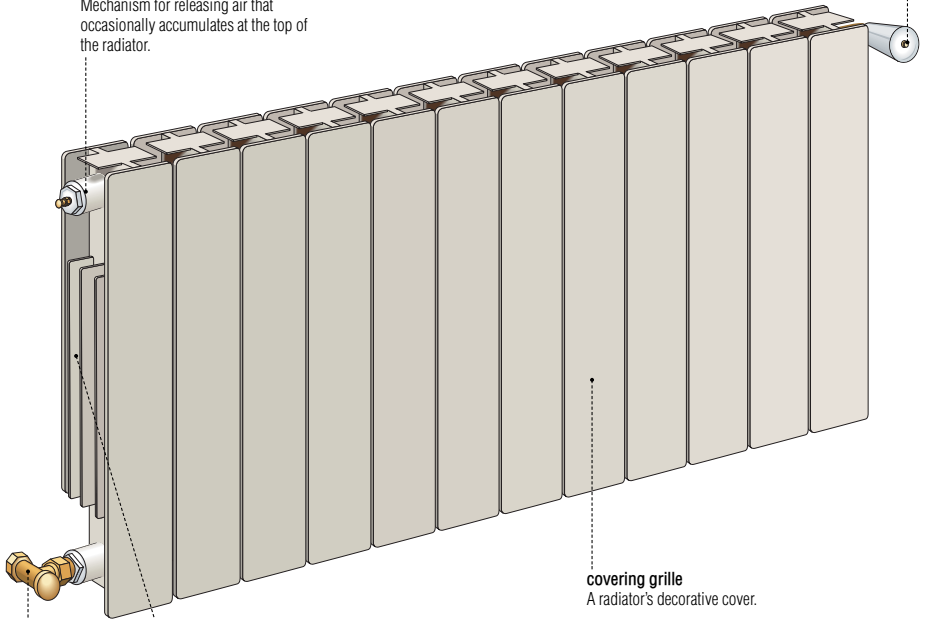
Device consisting of vertical columns through which hot water circulates; the inherent heat is transferred to the ambient air.

**regulating valve**

Device for regulating the volume of water circulating through a radiator.

**bleeder valve**

Mechanism for releasing air that occasionally accumulates at the top of the radiator.

**column**

Vertical tube through which the water flows.

**covering grille**

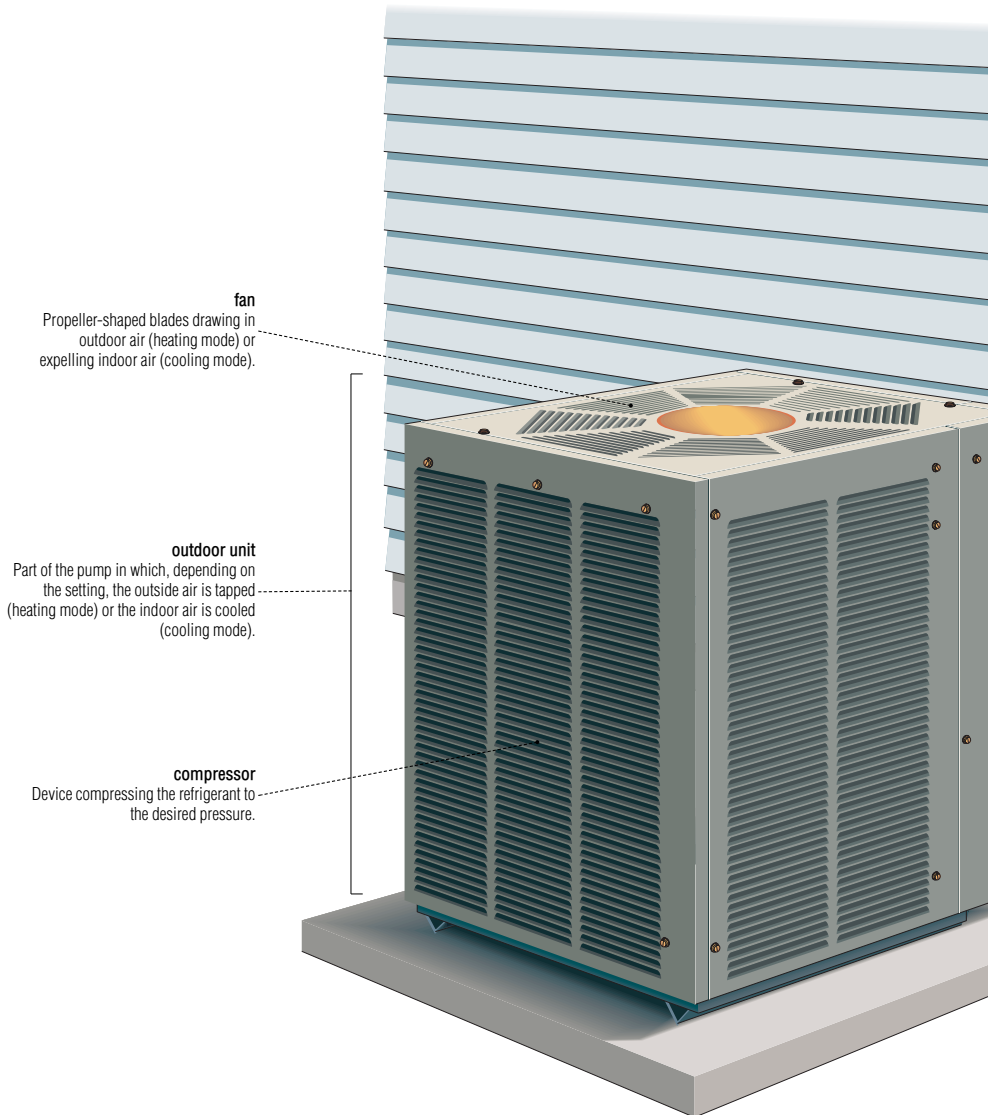
A radiator's decorative cover.

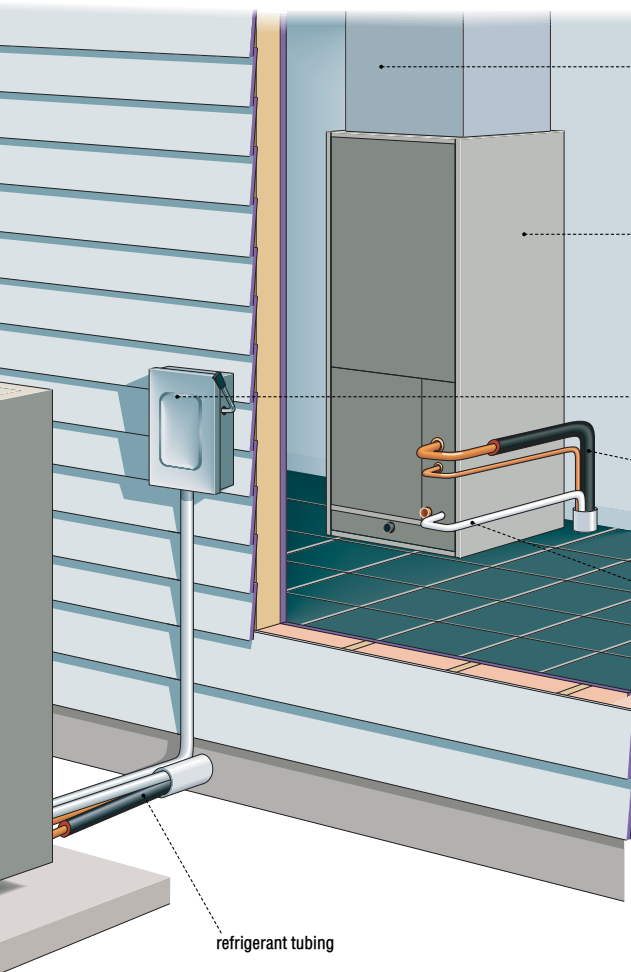
**hot-water outlet**

Valve for draining the water from the radiator.

# heat pump

Device exchanging heat between two environments of different temperatures; it can either heat or cool a house, depending on how the circuit is set.



**supply duct**

Duct carrying forced hot air (heating mode) or cool air (cooling mode) into the house.

**indoor unit**

Part of the pump that, depending on the setting, either transfers outdoor heat into the house (heating mode) or transfers heat from the indoors to the outdoors (cooling mode).

**circuit breaker**

Mechanism automatically cutting off the power supply in the event of overload.

**refrigerant tubing**

Conduit circulating a refrigerant, thus enabling the heat transfer.

**electric connection**

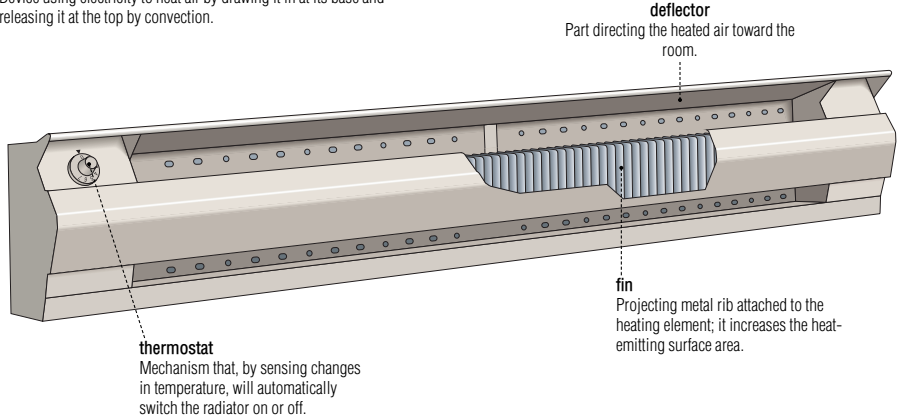
Conduit connecting the heat pump to the dwelling's electric system.

refrigerant tubing

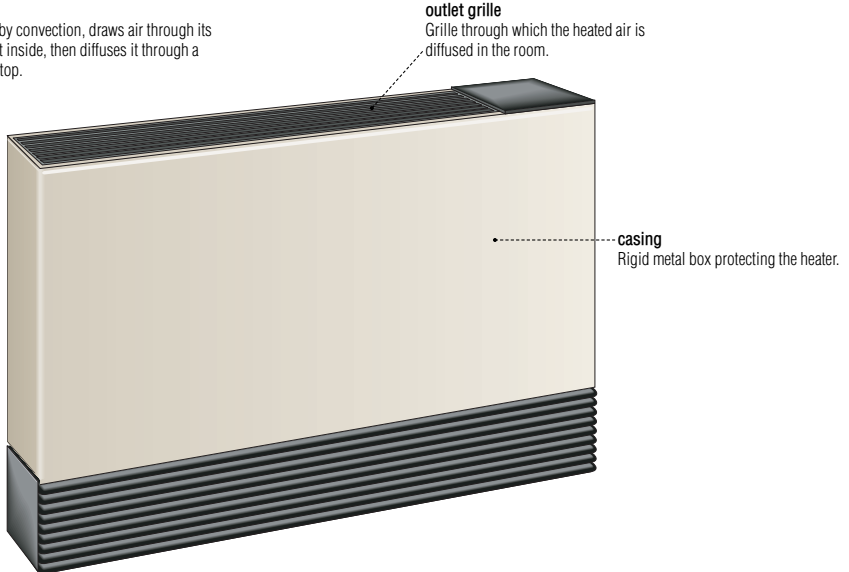
## auxiliary heating

**electric baseboard radiator**

Device using electricity to heat air by drawing it in at its base and releasing it at the top by convection.

**convector**

Device that, by convection, draws air through its base, heats it inside, then diffuses it through a grille on the top.

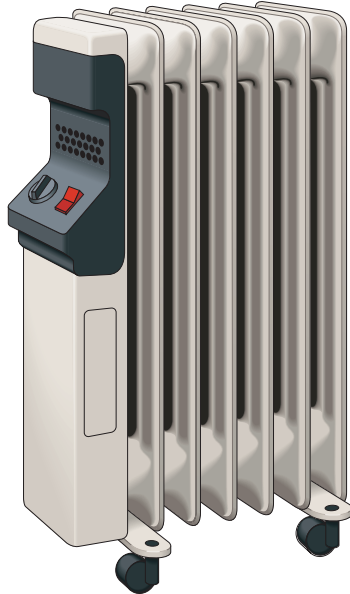


**fan heater**

Device in which the air is heated by electric elements and diffused by a fan.

**radiant heater**

Device producing heat from a heating element and diffusing it in the form of light waves.

**oil-filled heater**

Device made of tubes that circulate oil heated by electric elements.

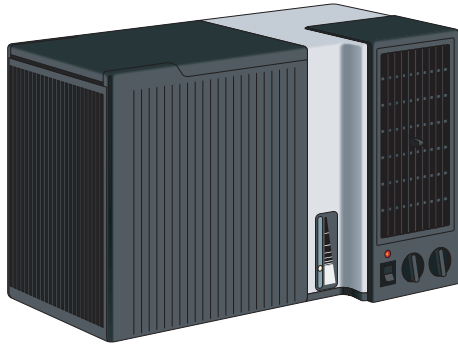


## air-conditioning appliances

These appliances help make a house comfortable by cooling, filtering and humidifying or dehumidifying the ambient air.

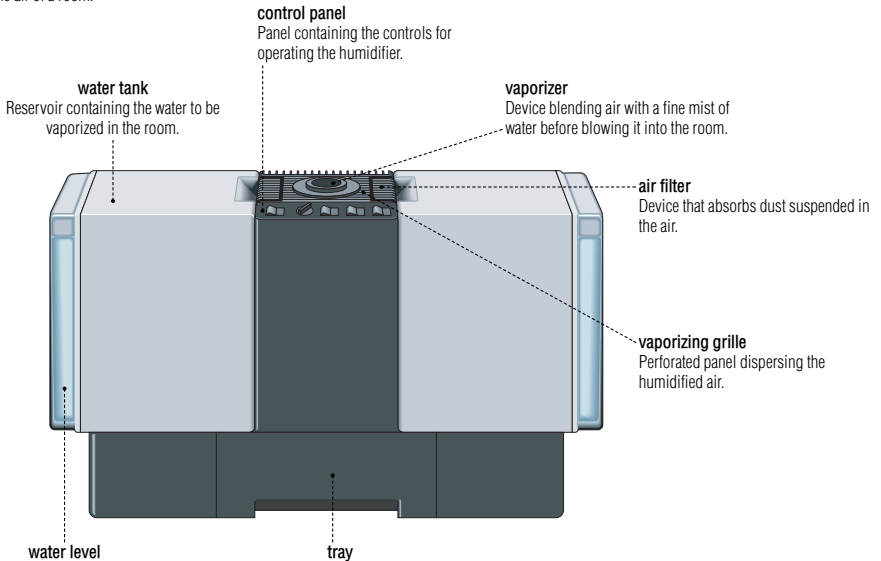
### air purifier

Device drawing air in from a room to filter it by removing its pollutants before returning it.



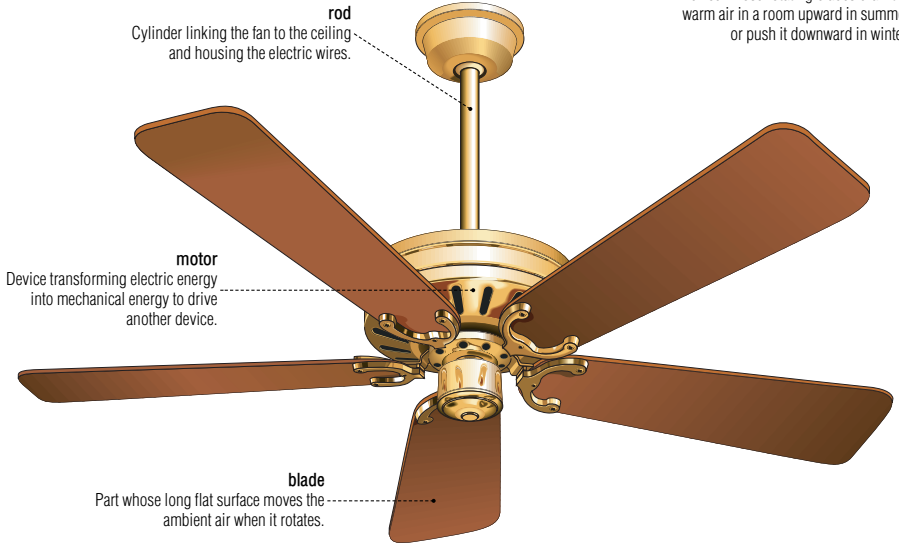
### humidifier

Device that increases the humidity level in the air of a room.



**ceiling fan**

Device whose rotating blades draw the warm air in a room upward in summer or push it downward in winter.



**dehumidifier**

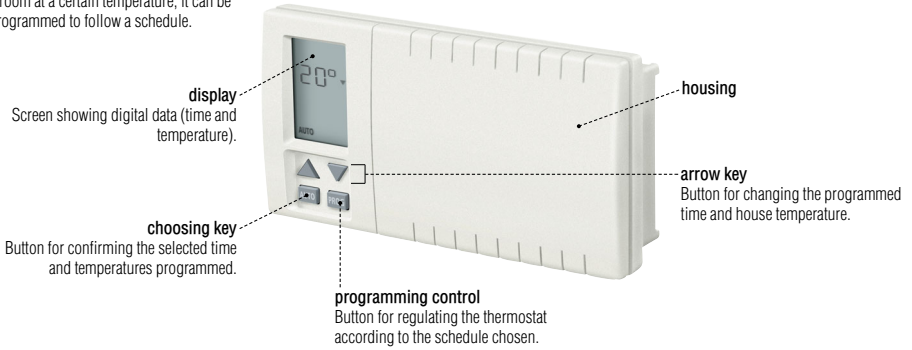
Device that lowers the humidity level in a room's air by cooling it.



air-conditioning appliances

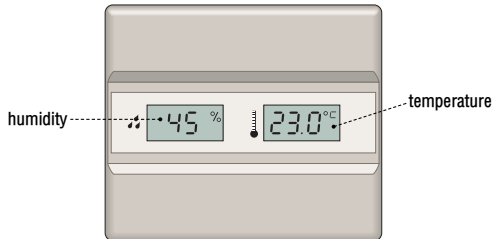
**programmable thermostat**

Electronic device for keeping a house or a room at a certain temperature; it can be programmed to follow a schedule.



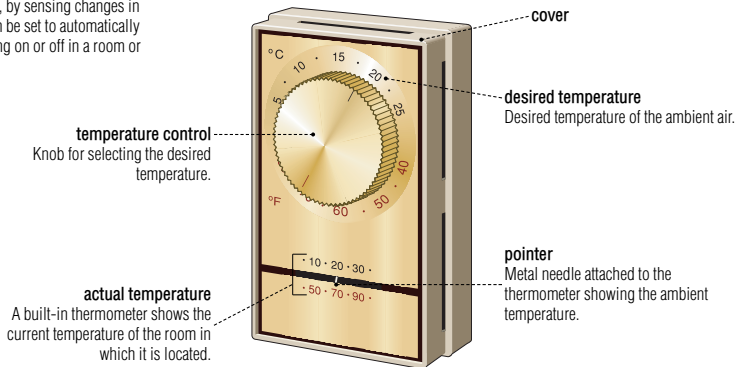
**hygrometer**

Device measuring the amount of humidity in a room's air.



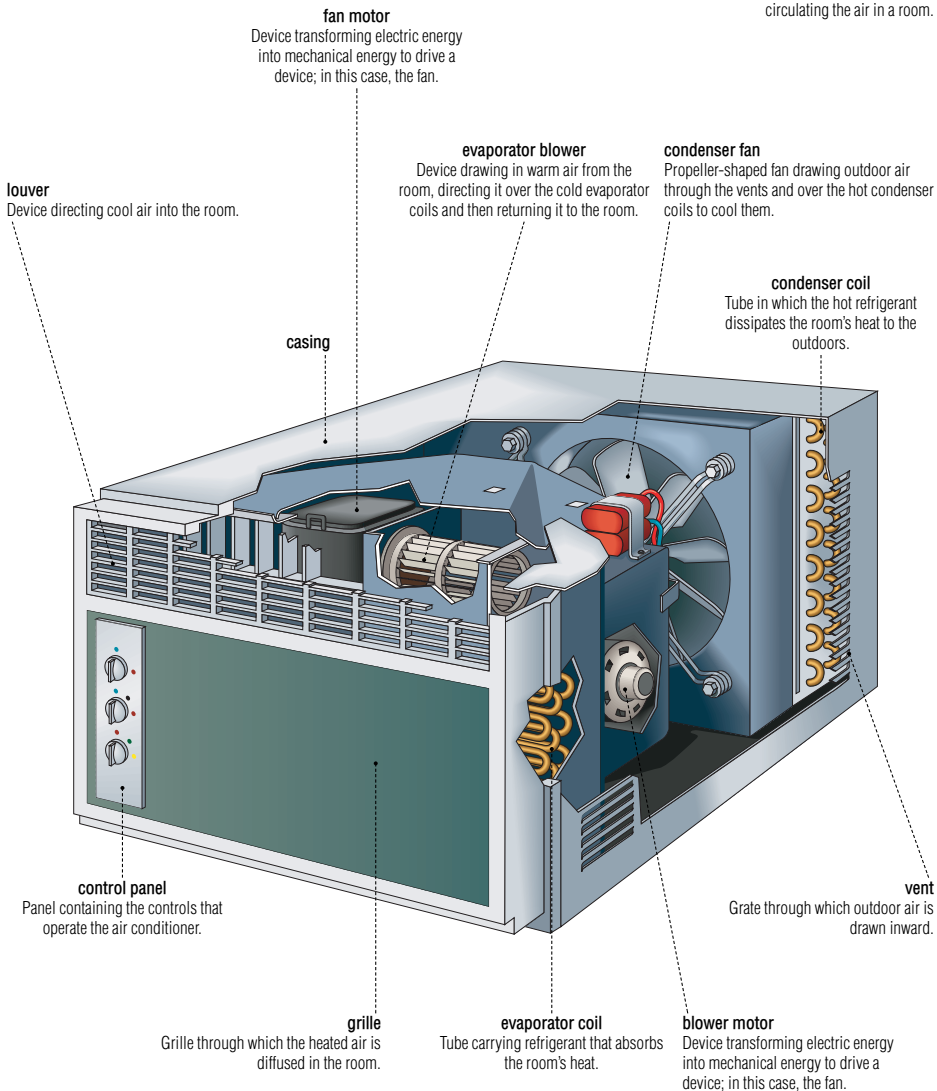
**room thermostat**

Mechanism that, by sensing changes in temperature, can be set to automatically switch the heating on or off in a room or house.



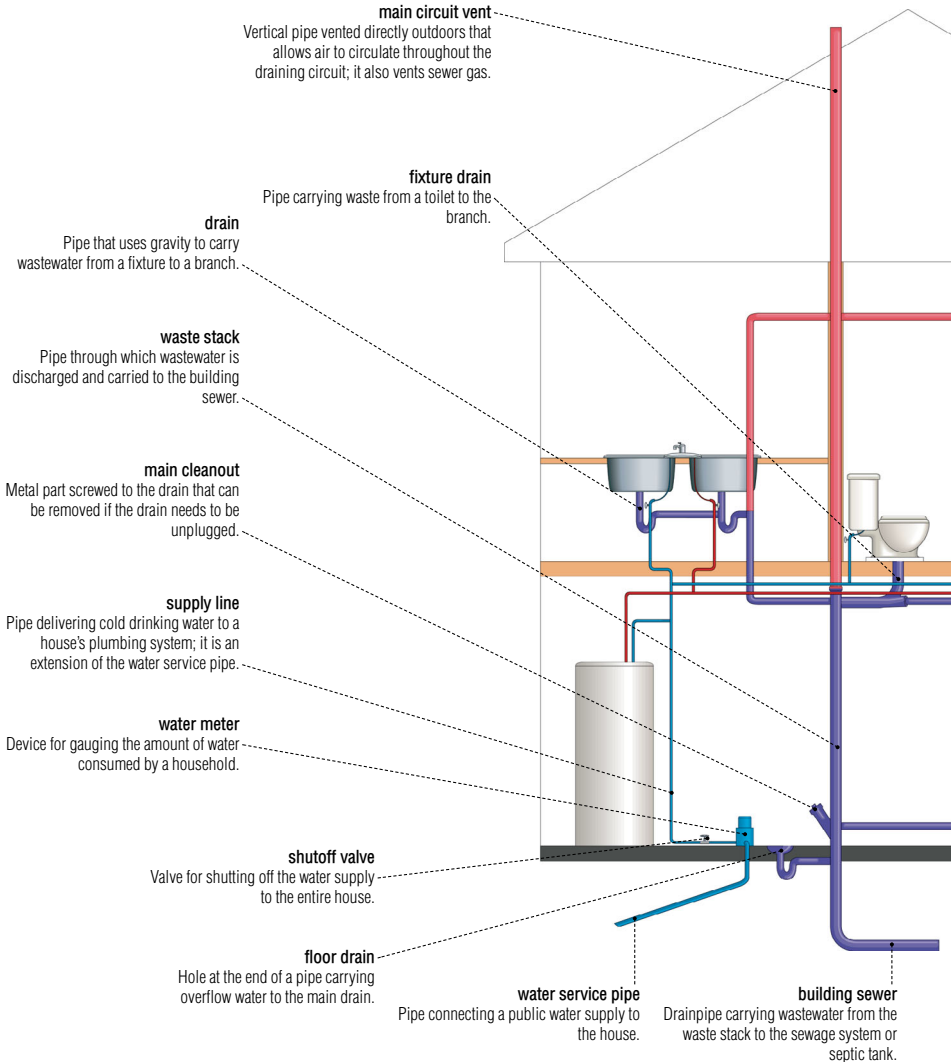
**room air conditioner**

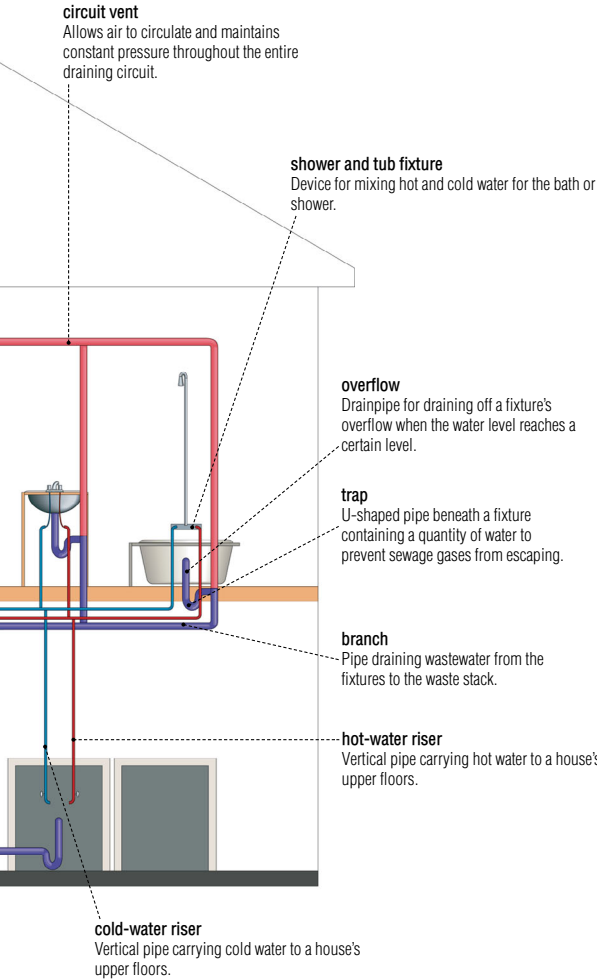
Device installed in a window for cooling and circulating the air in a room.



# plumbing system

In a house, there are four plumbing systems enabling water to circulate: hot and cold water distribution, pipe ventilation and wastewater evacuation.





**draining circuit**  
Set of interconnected pipes allowing wastewater to drain into the building sewer.

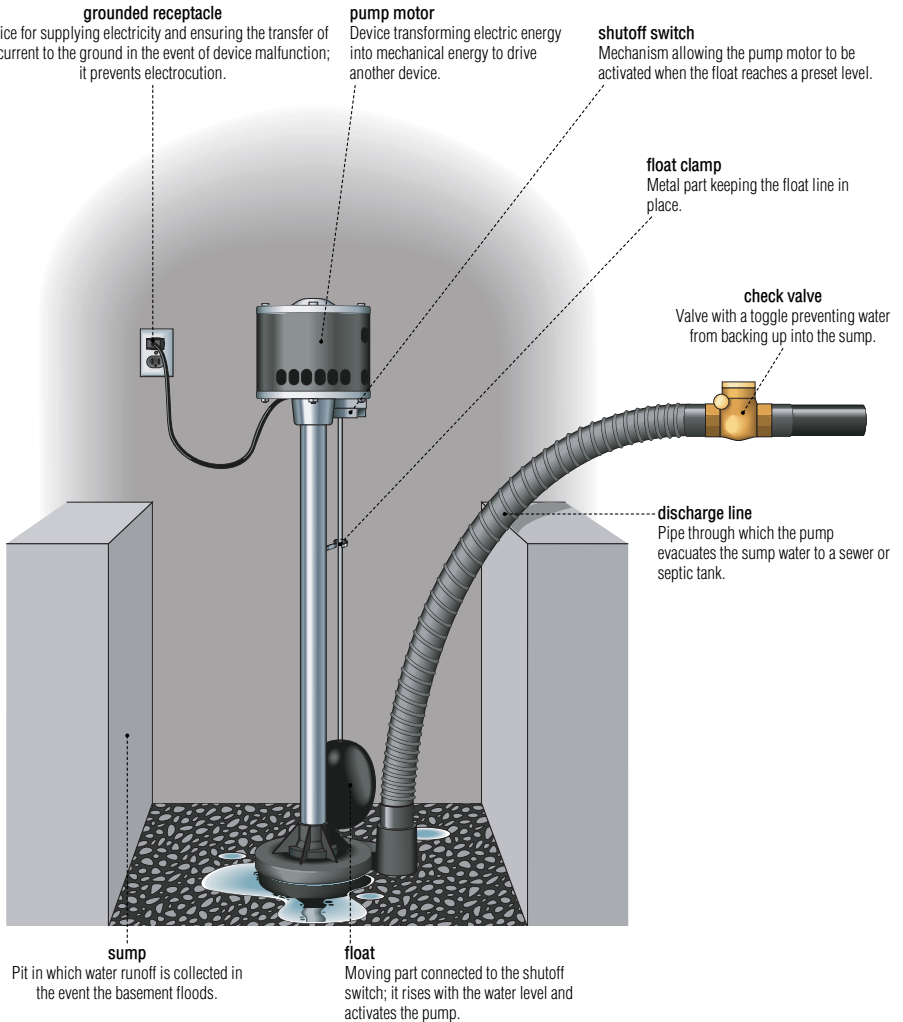
**hot-water circuit**  
Set of interconnected pipes distributing hot water from a hot-water heater.

**ventilating circuit**  
Set of interconnected pipes allowing air to circulate in the circuit.

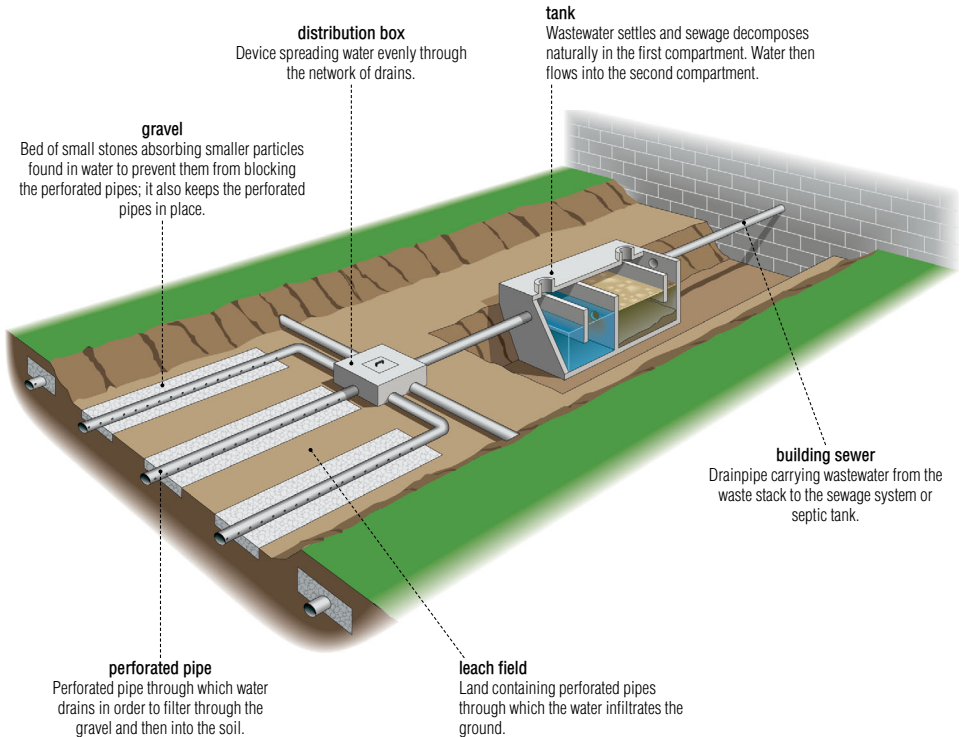
**cold-water circuit**  
Set of interconnected pipes distributing cold drinking water throughout a house.

# pedestal-type sump pump

Device removing water from a pit dug in the ground in order to evacuate it to a sewer or septic tank.



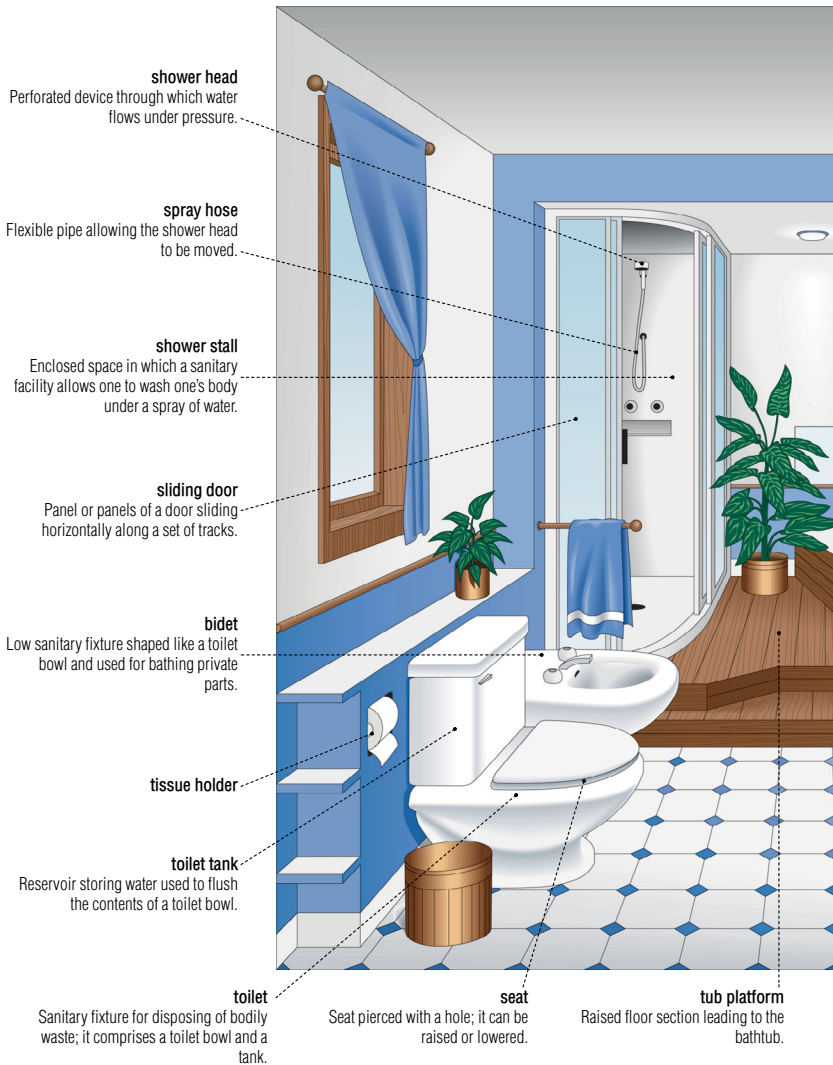
Underground system in which sewage is treated and dispersed.





# bathroom

Room designed for personal hygiene; it is equipped with running water and sanitary fixtures.





**faucet**

Device stopping or starting the flow of hot or cold water, as well as regulating its flow rate.

**mirror**

Polished glass surface reflecting light and returning images.

**sink**

Sanitary fixture in the form of a basin; it is used for washing.

**overflow**

Drainpipe for draining off a fixture's overflow when the water level reaches a certain level.

**soap dish**

**towel bar**

**portable shower head**

Movable handle equipped with a perforated shower head; it is used especially for rinsing hair.

**bathtub**

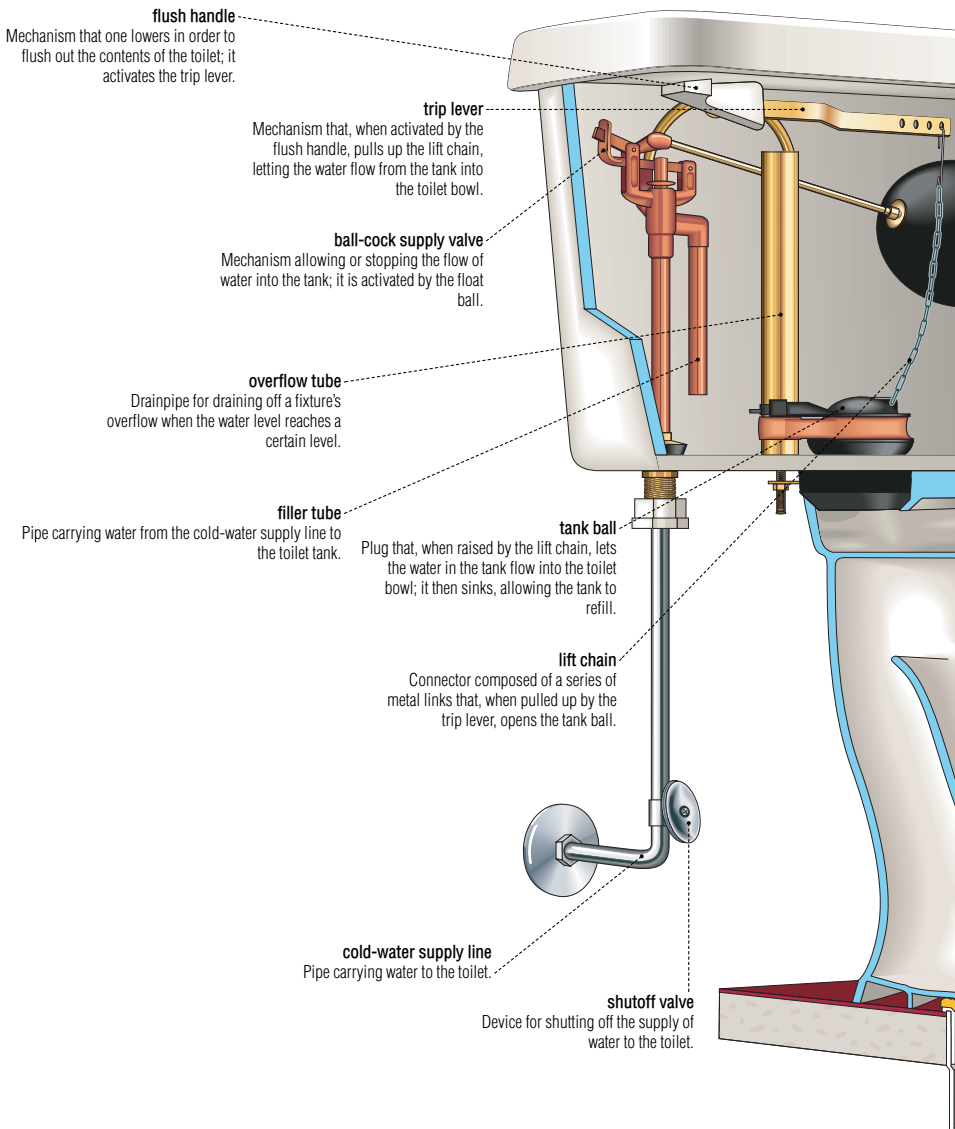
Sanitary fixture for taking baths; it is shaped like a deep, elongated basin.

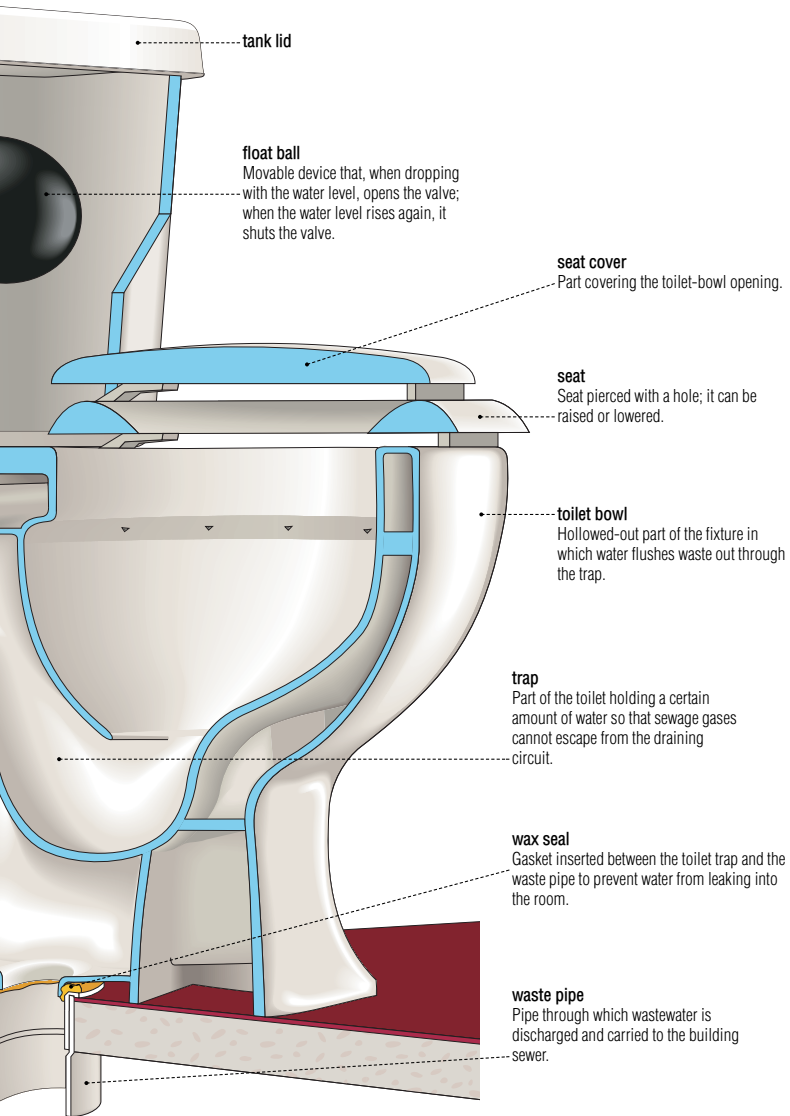
**vanity cabinet**

Furniture where one grooms oneself; it is equipped with a mirror and usually contains drawers.

toilet

Sanitary fixture for disposing of bodily waste; it comprises a toilet bowl and a tank.

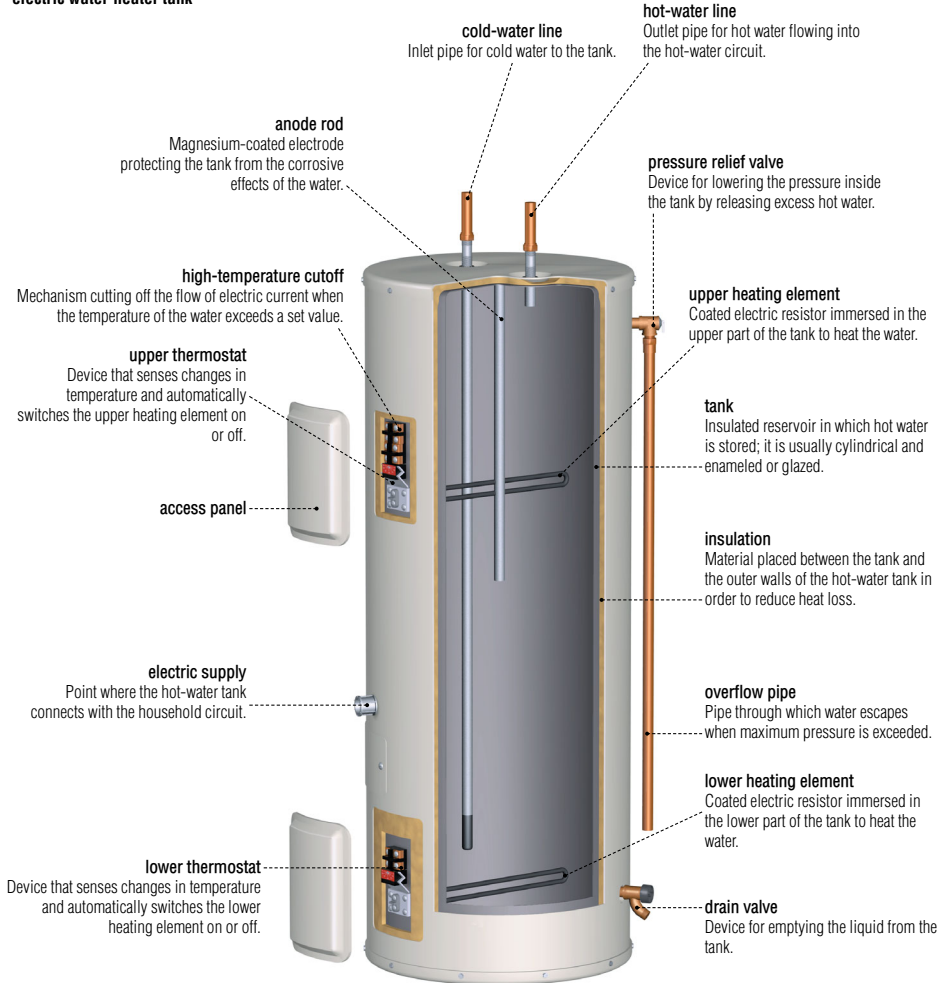




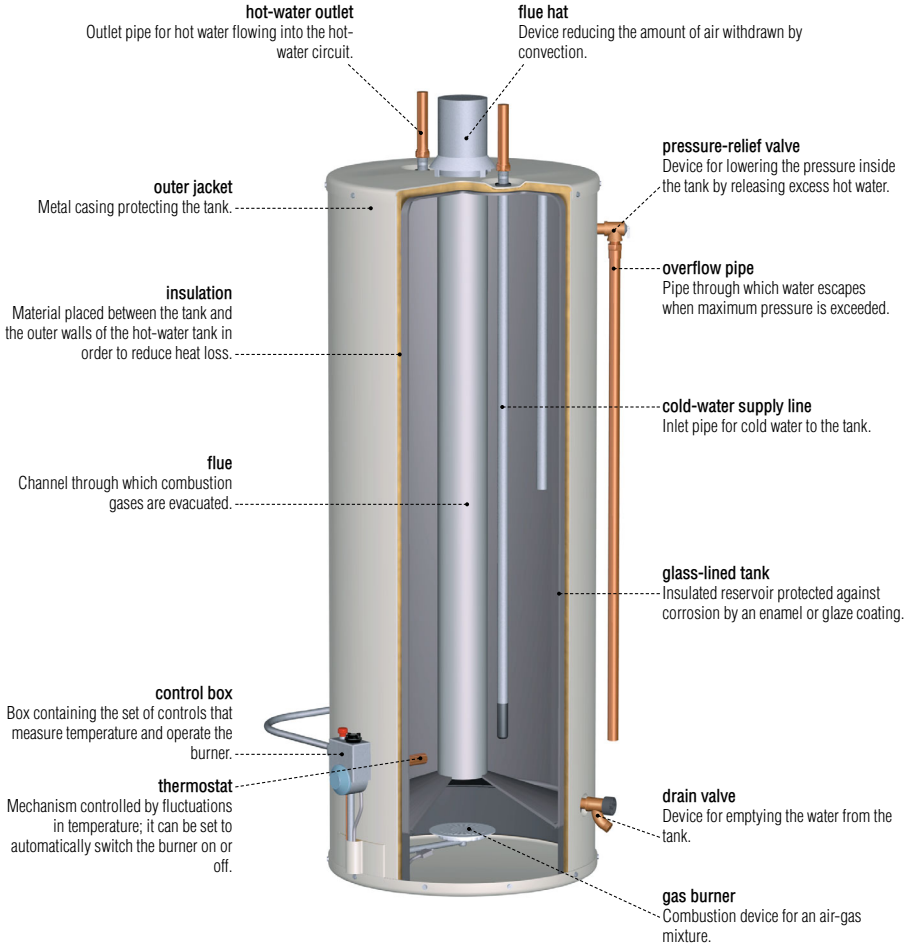
# water-heater tank

Device producing sanitary hot water for washing and bathing; it consumes gas or electricity.

## electric water-heater tank



gas water-heater tank

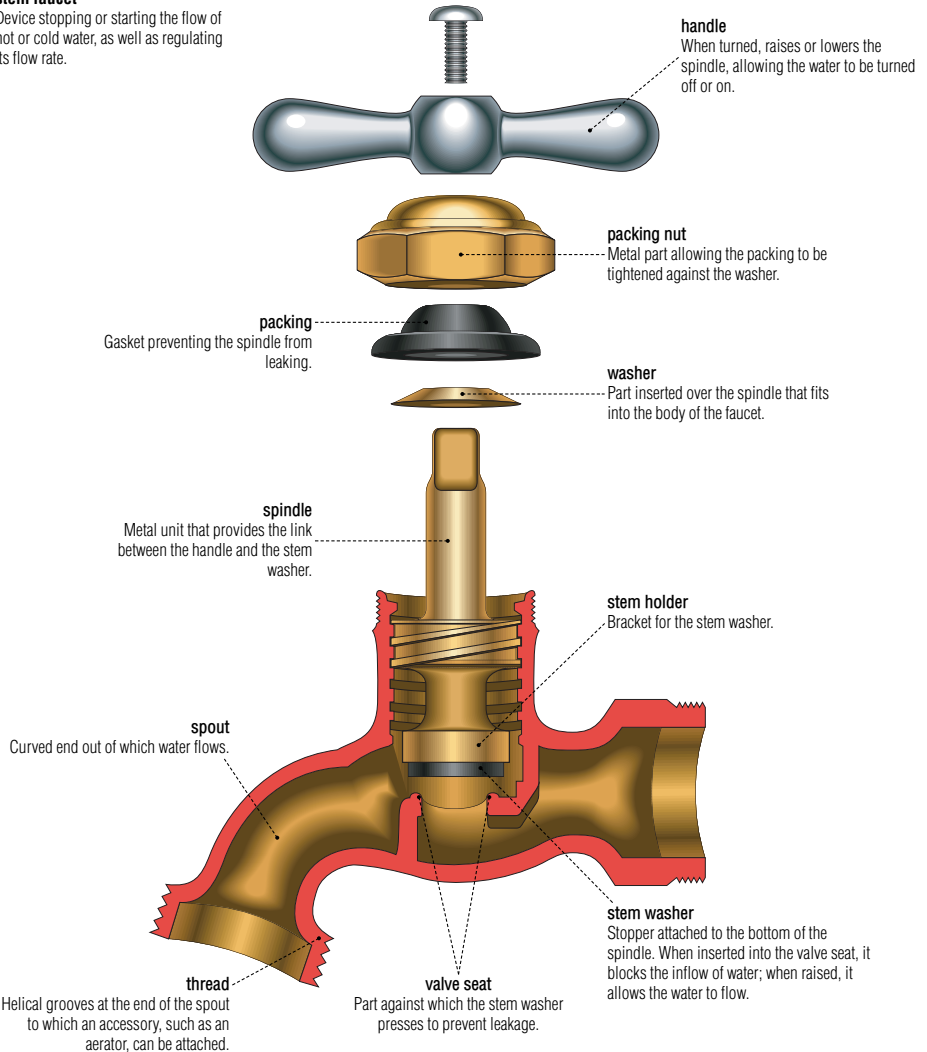


# faucets

The double-handle faucet controls the flow of hot and cold water; the single-lever faucet mixes the hot and cold water and controls their flow.

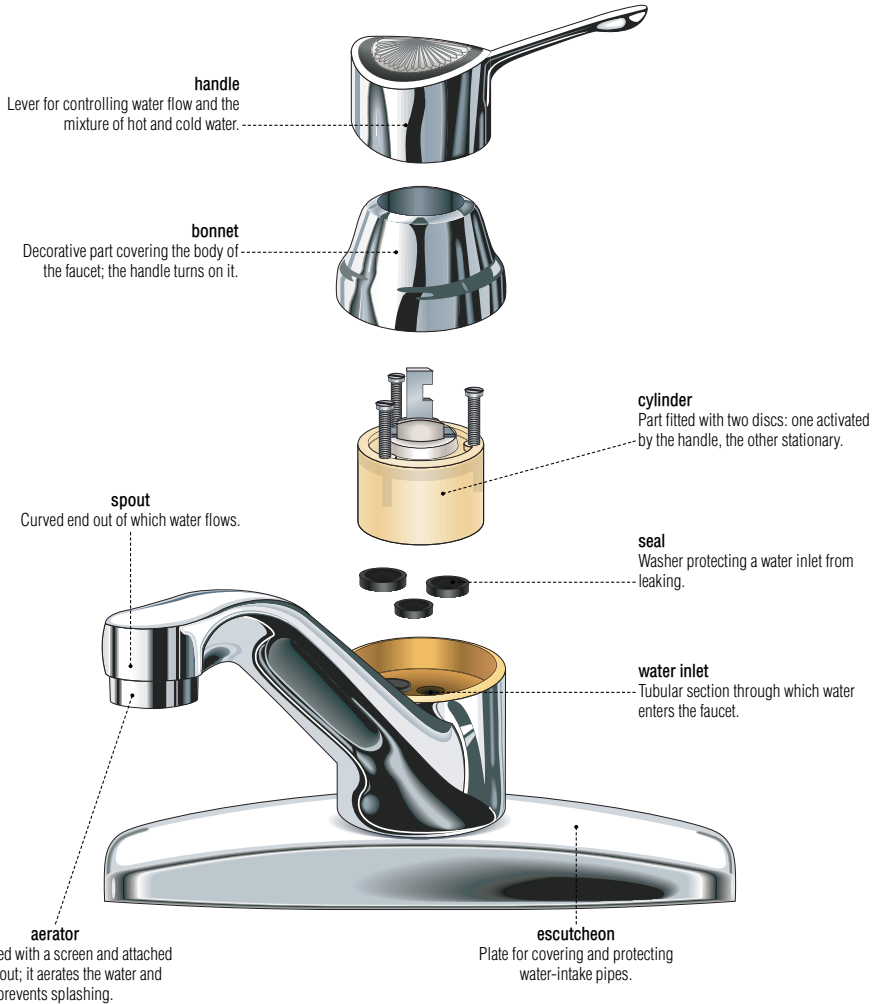
## stem faucet

Device stopping or starting the flow of hot or cold water, as well as regulating its flow rate.



**disc faucet**

Type of faucet fitted with two perforated discs that regulate the water's flow and its temperature.

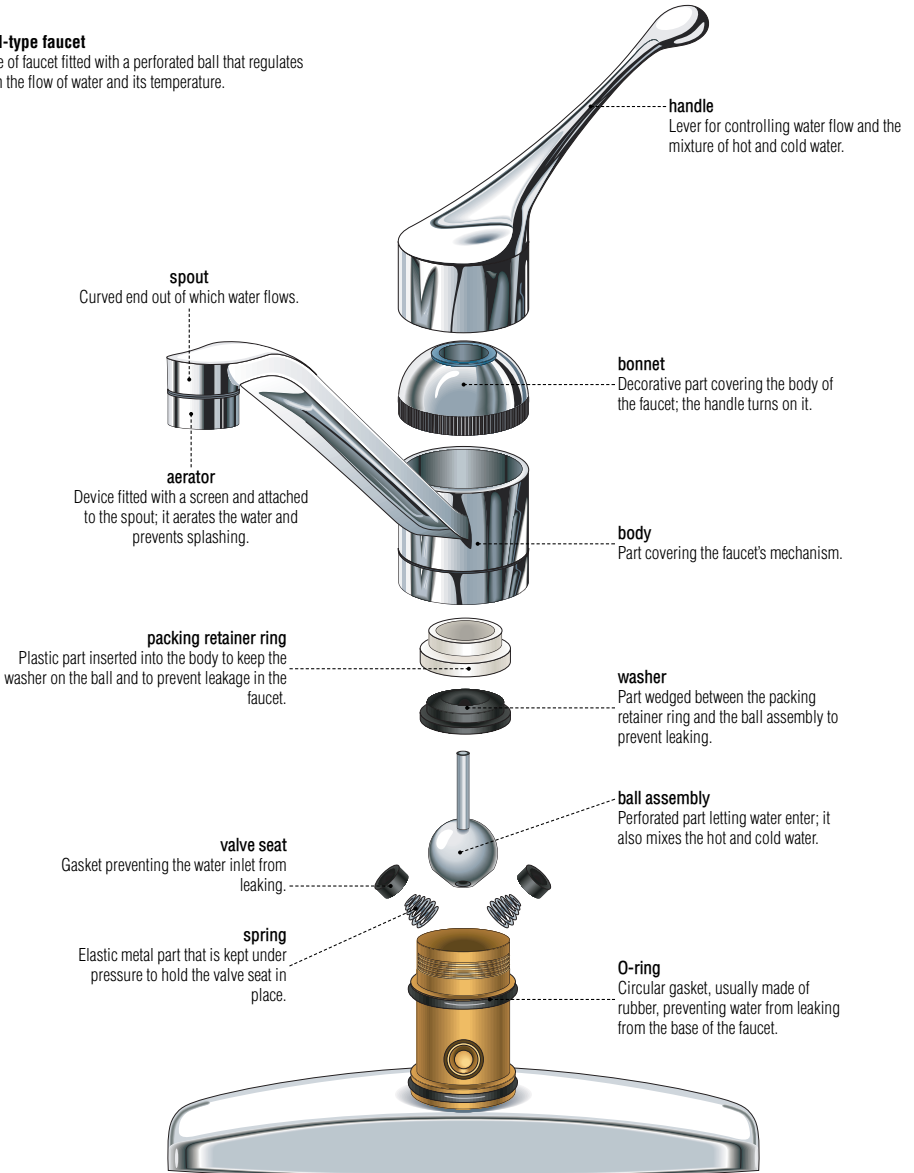




faucets

**ball-type faucet**

Type of faucet fitted with a perforated ball that regulates both the flow of water and its temperature.

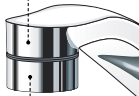


**handle**

Lever for controlling water flow and the mixture of hot and cold water.

**spout**

Curved end out of which water flows.

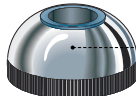


**aerator**

Device fitted with a screen and attached to the spout; it aerates the water and prevents splashing.

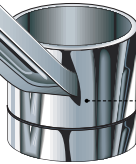
**bonnet**

Decorative part covering the body of the faucet; the handle turns on it.



**body**

Part covering the faucet's mechanism.



**packing retainer ring**

Plastic part inserted into the body to keep the washer on the ball and to prevent leakage in the faucet.



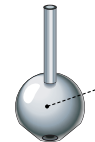
**washer**

Part wedged between the packing retainer ring and the ball assembly to prevent leaking.



**ball assembly**

Perforated part letting water enter; it also mixes the hot and cold water.



**valve seat**

Gasket preventing the water inlet from leaking.



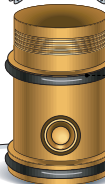
**spring**

Elastic metal part that is kept under pressure to hold the valve seat in place.



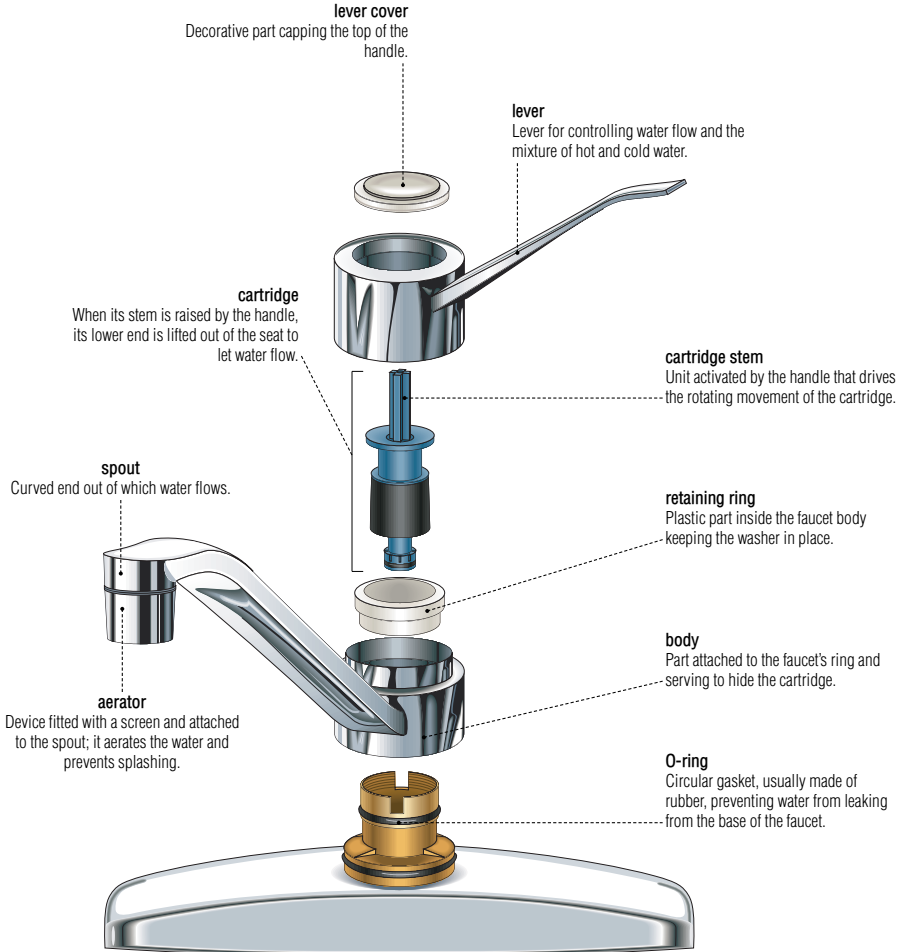
**O-ring**

Circular gasket, usually made of rubber, preventing water from leaking from the base of the faucet.



**cartridge faucet**

Type of faucet fitted with a perforated cartridge that regulates both the flow of water and its temperature.



# fittings

Transition fittings are used for joining components made of different materials, whereas fittings are used to join components of the same material.

## examples of fittings

Fittings are used to join two or more pipes, a pipe to a device, or a pipe to a cap or plug.



**square head plug**

Cap screwed into the end of a threaded female pipe to close it off.



**cap**

Plug inserted into the end of a pipe to close it off.



**pipe coupling**

Threaded fitting with two female ends; it is used to join two pipes of the same diameter.



**threaded cap**

Plug screwed onto the end of a male threaded pipe to close it off.



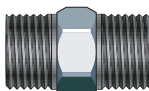
**reducing coupling**

Fitting joining two pipes of different diameters in order to reduce the diameter of a pipe run.



**flush bushing**

Fitting joining two pipes of different diameters. The larger pipe screws onto the male end and the smaller pipe screws into the female end.



**nipple**

Threaded fitting having two male ends; it is used to join two pipes of the same diameter.



**hexagon bushing**

Fitting with a hexagonal head. It joins two pipes of different diameters: one pipe is screwed onto the male end, and the other into the female end.



**trap**  
U-shaped pipe beneath a fixture containing a quantity of water to prevent sewage gases from escaping.



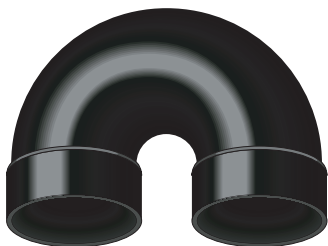
**offset**  
Fitting joining two pipes so that the pipe can bypass an obstacle.



**tee**  
Fitting joining three pipes, one of which is perpendicular to the other two.



**Y-branch**  
Fitting joining three pipes, one of which is oblique to the other two.



**U-bend**  
Fitting joining two pipes in order to change their direction by 180°.



**90° elbow**  
Fitting for joining two pipes in order to change their direction.



**45° elbow**  
Fitting for joining two pipes in order to change their direction by 45°.

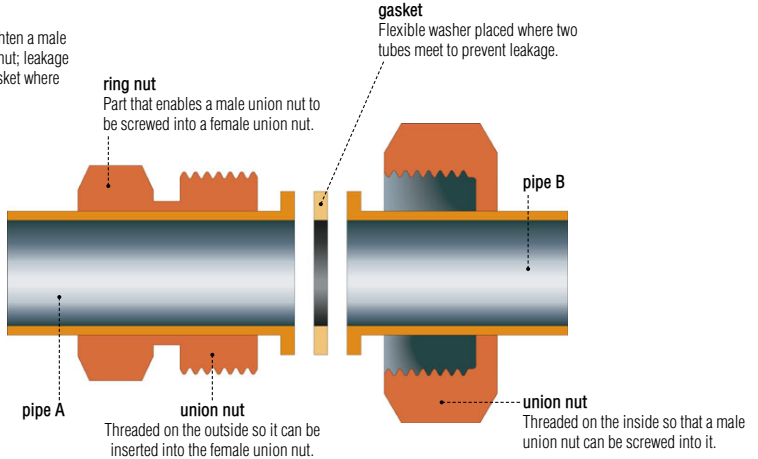
fittings

**mechanical connectors**

Pipes joined using nuts and threaded metal parts; a gasket is inserted to tighten them, thus preventing leakage.

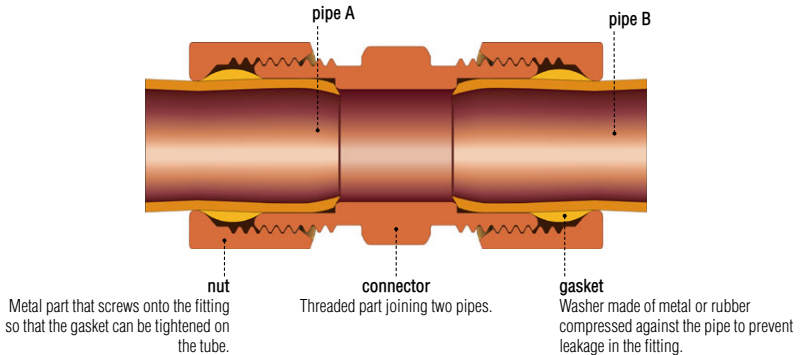
**union**

Formed by using a nut to tighten a male union nut in a female union nut; leakage is prevented by placing a gasket where the two tubes meet.



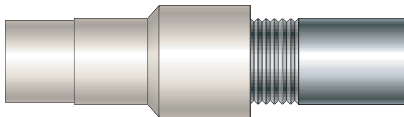
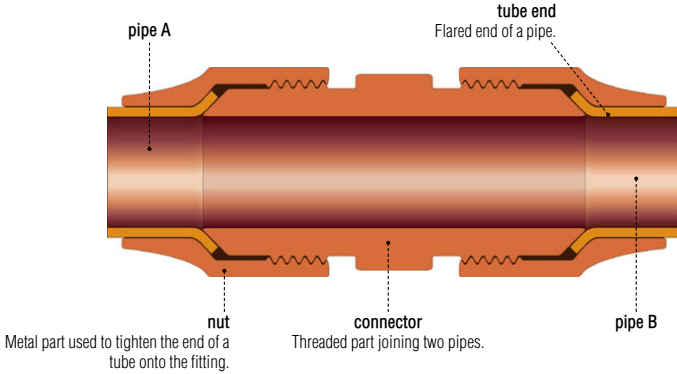
**compression fitting**

Threaded part into which two tubes can be inserted; they are made watertight by a gasket tightened with a nut.



**flare joint**

Threaded part over which two tubes having bell-shaped ends can be tightened by a nut.

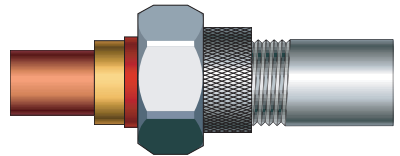


**steel to plastic**

The tubes are joined by a threaded tube for the steel end, and by compression coupling or, for a plastic end, by gluing.

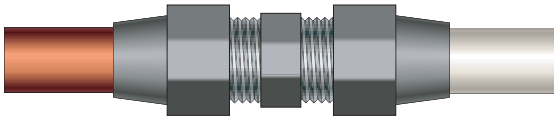
**examples of transition fittings**

Transition fittings allow tubes of different materials to be joined.



**copper to steel**

The tubes are joined by a threaded tube on the steel end, and by union or compression coupling on the copper end.

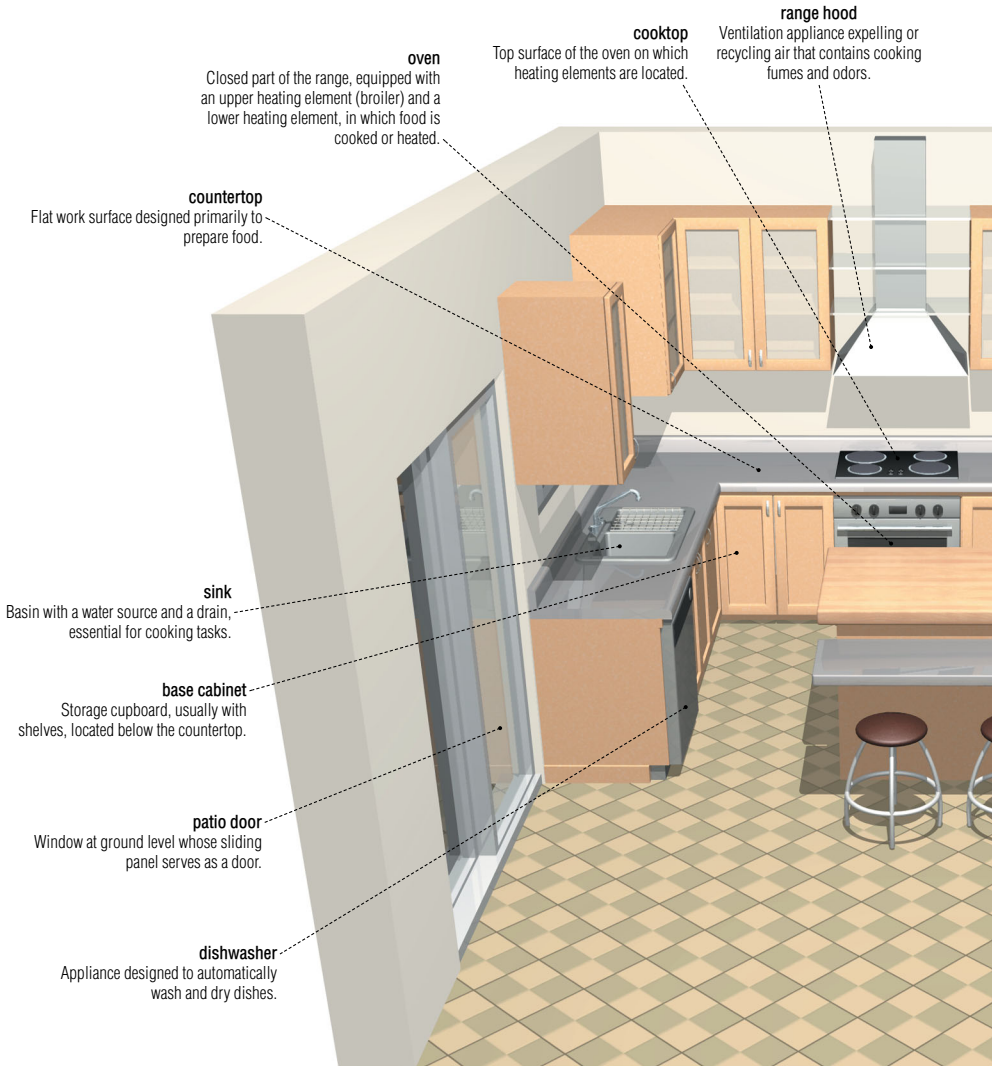


**copper to plastic**

The tubes are joined by union or compression coupling.

# kitchen

Room where meals are prepared.



**range hood**  
Ventilation appliance expelling or recycling air that contains cooking fumes and odors.

**cooktop**  
Top surface of the oven on which heating elements are located.

**oven**  
Closed part of the range, equipped with an upper heating element (broiler) and a lower heating element, in which food is cooked or heated.

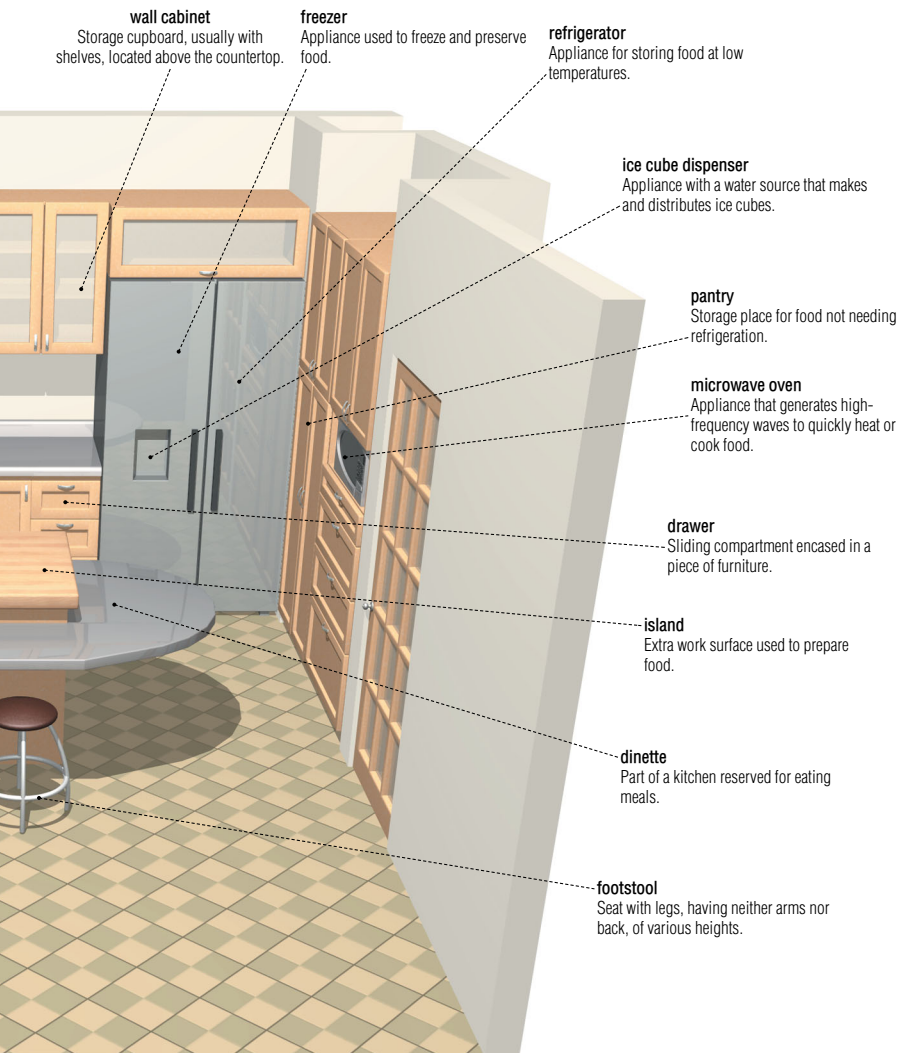
**countertop**  
Flat work surface designed primarily to prepare food.

**sink**  
Basin with a water source and a drain, essential for cooking tasks.

**base cabinet**  
Storage cupboard, usually with shelves, located below the countertop.

**patio door**  
Window at ground level whose sliding panel serves as a door.

**dishwasher**  
Appliance designed to automatically wash and dry dishes.



**wall cabinet**

Storage cupboard, usually with shelves, located above the countertop.

**freezer**

Appliance used to freeze and preserve food.

**refrigerator**

Appliance for storing food at low temperatures.

**ice cube dispenser**

Appliance with a water source that makes and distributes ice cubes.

**pantry**

Storage place for food not needing refrigeration.

**microwave oven**

Appliance that generates high-frequency waves to quickly heat or cook food.

**drawer**

Sliding compartment encased in a piece of furniture.

**island**

Extra work surface used to prepare food.

**dinette**

Part of a kitchen reserved for eating meals.

**footstool**

Seat with legs, having neither arms nor back, of various heights.

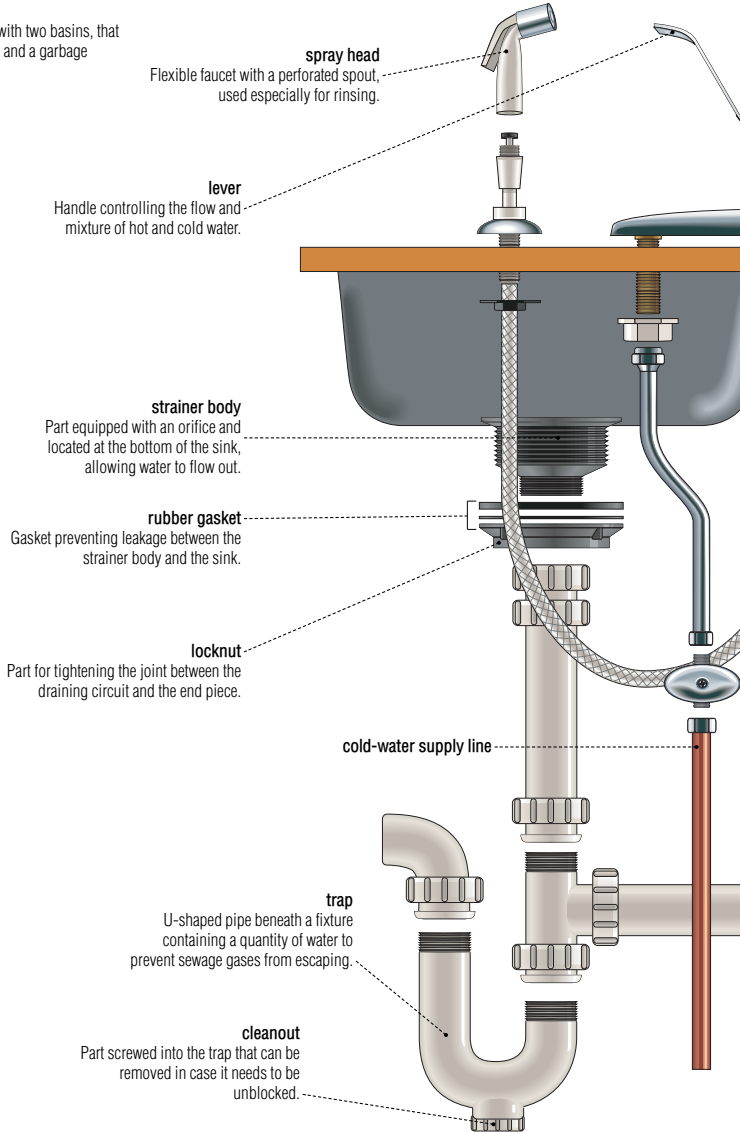


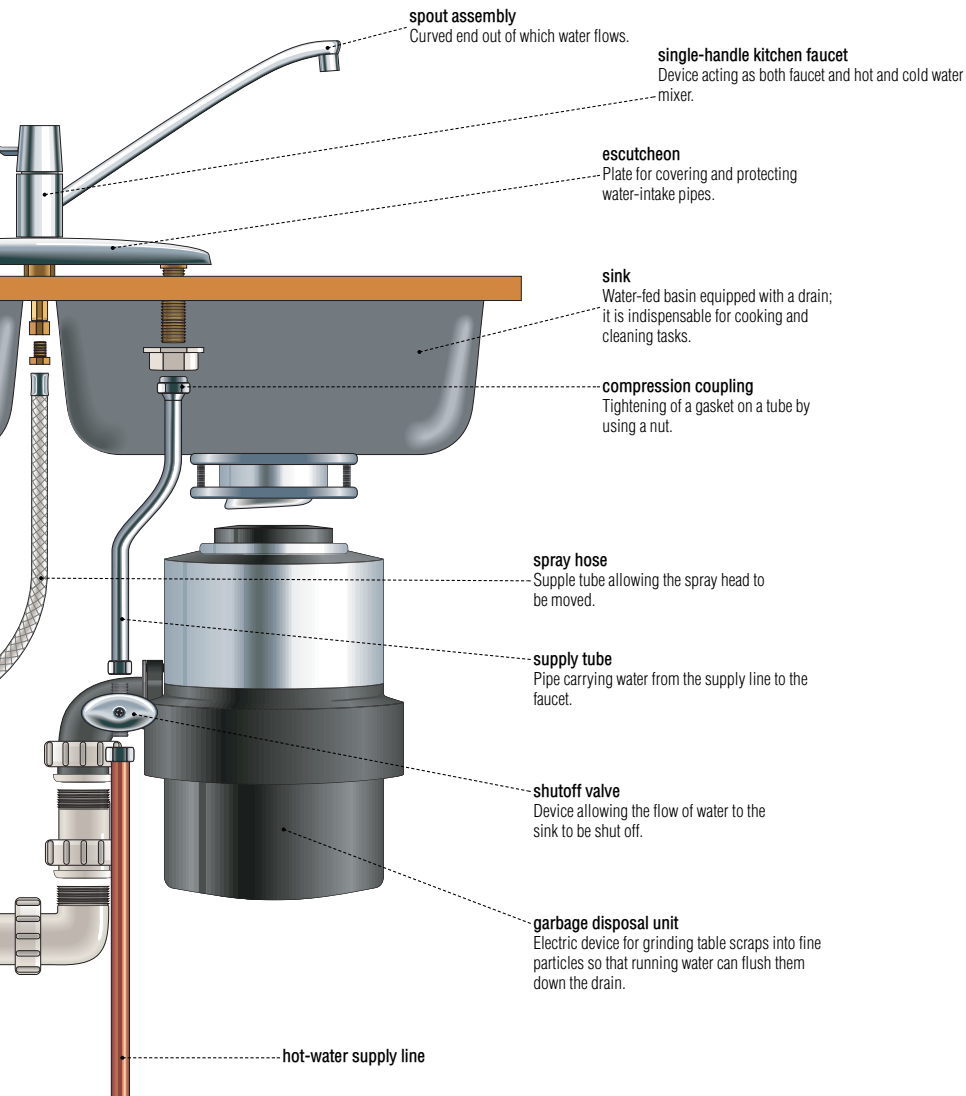
# examples of branching

Branching: the way in which an appliance is hooked up to a house's plumbing system.

## garbage disposal sink

Appliance used in a kitchen, sometimes with two basins, that is fed by water and equipped with a drain and a garbage disposal unit.

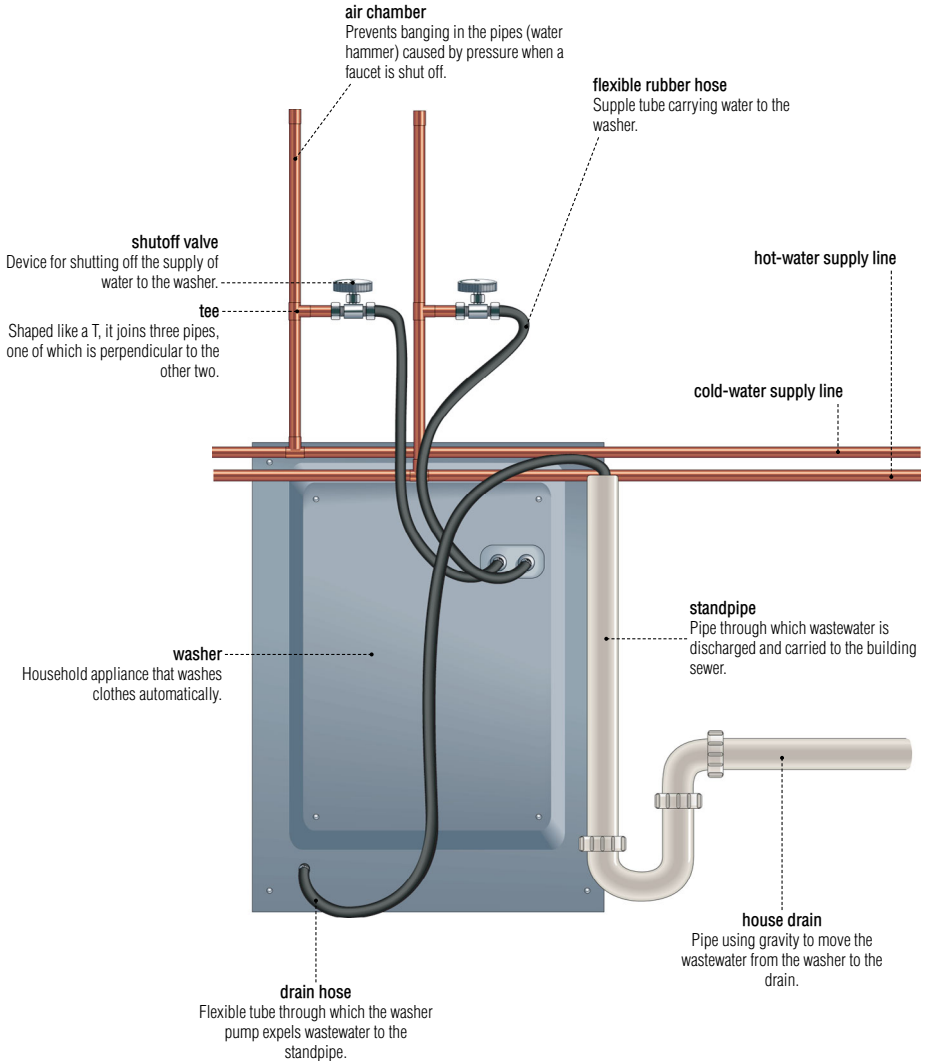




examples of branching

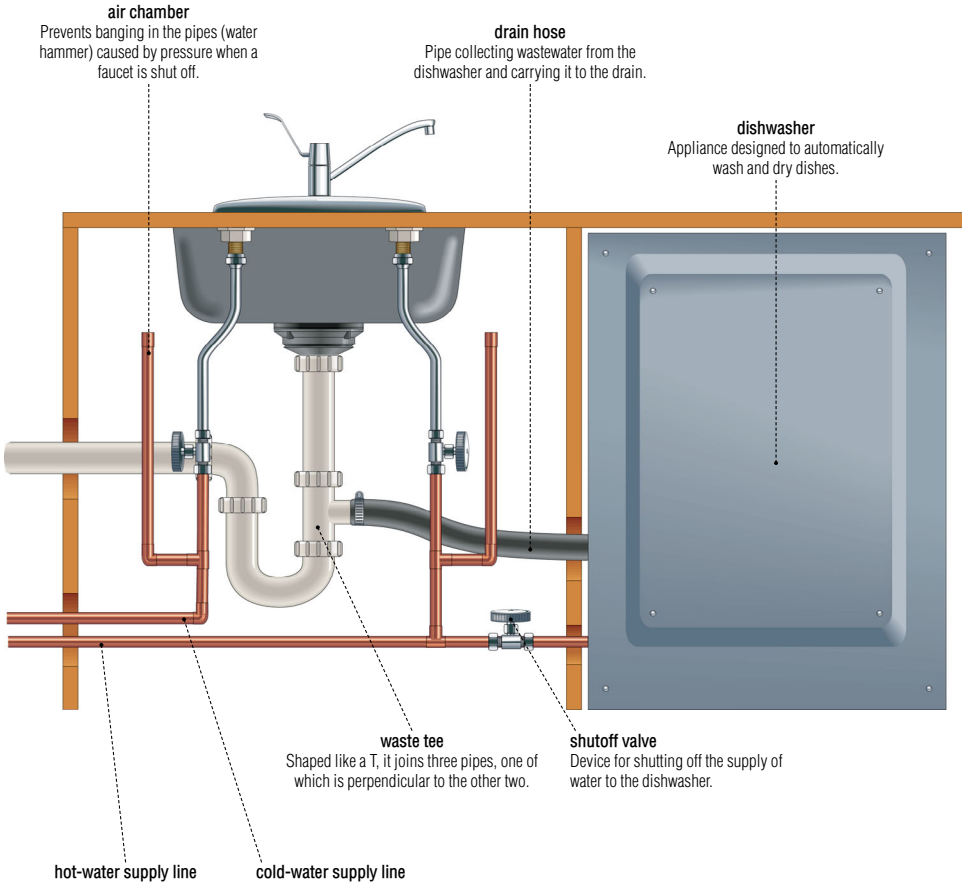
**washer**

Household appliance that washes clothes automatically.



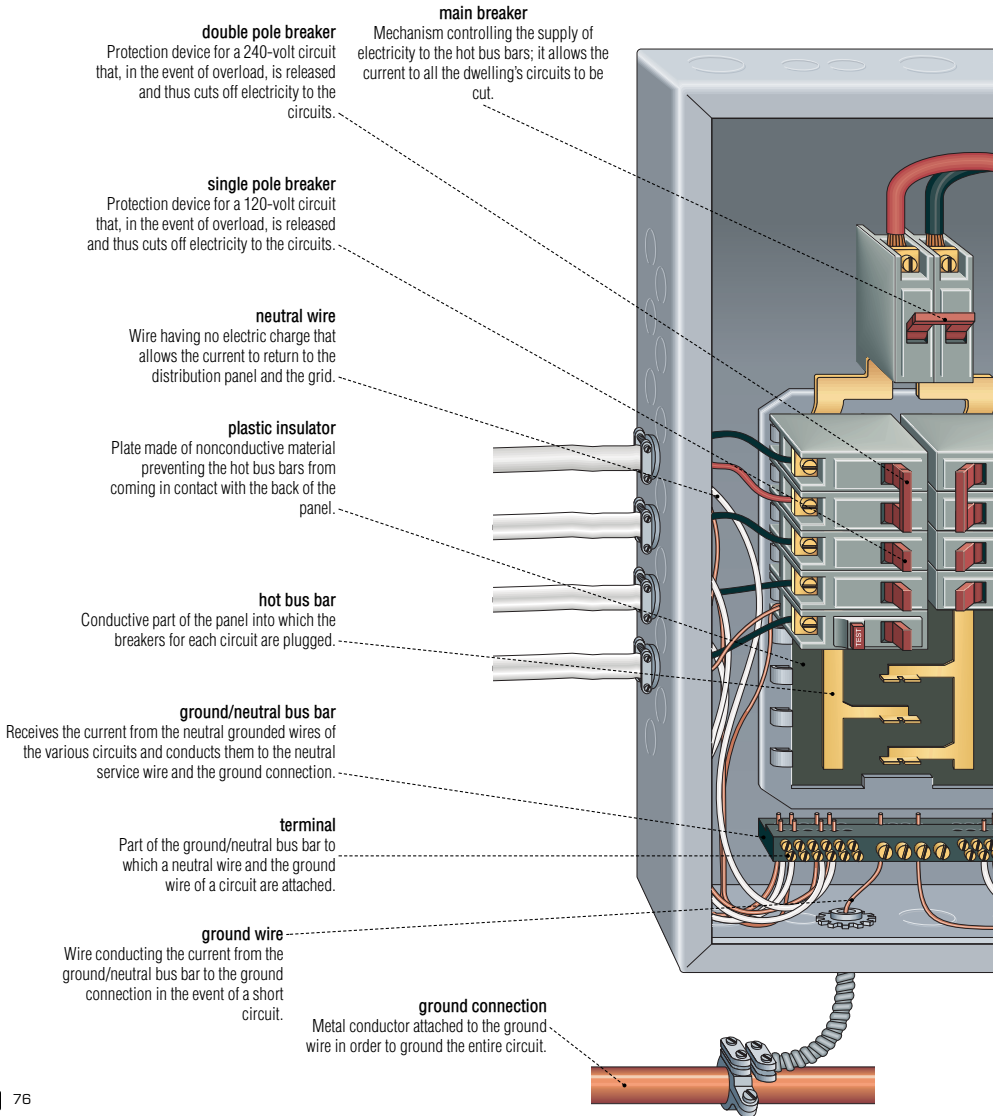
**dishwasher**

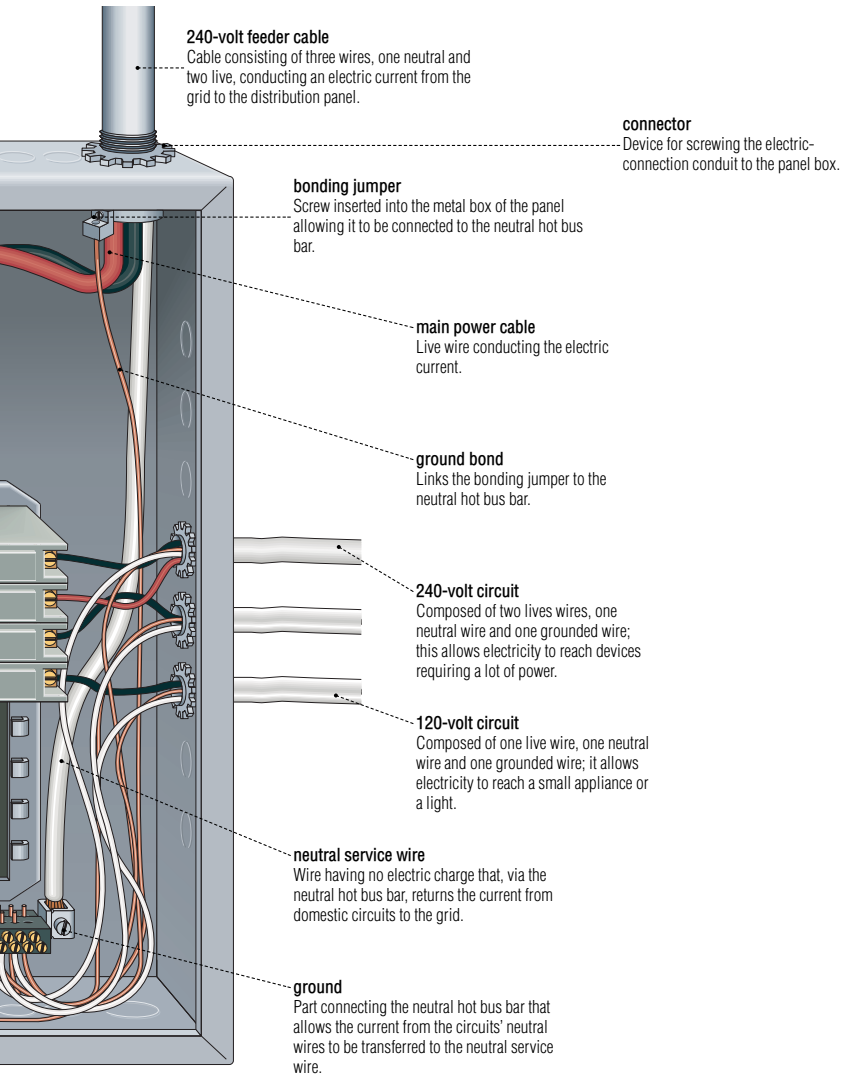
Appliance designed to automatically wash and dry dishes.



## distribution panel

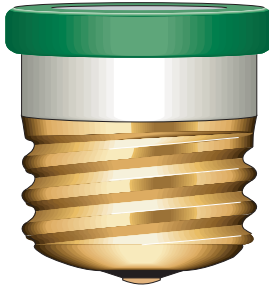
Set of devices forming the junction of the public electricity grid and the electric circuits of a dwelling.



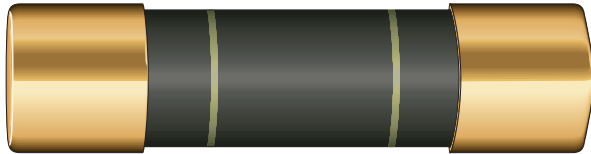


**examples of fuses**

Fuses: electric connection devices devised for interrupting the current in the event of electric overload by melting one of its components.

**plug fuse**

Having a maximum capacity of 30 amperes, it screws in like a lightbulb and protects a circuit of 120 volts.

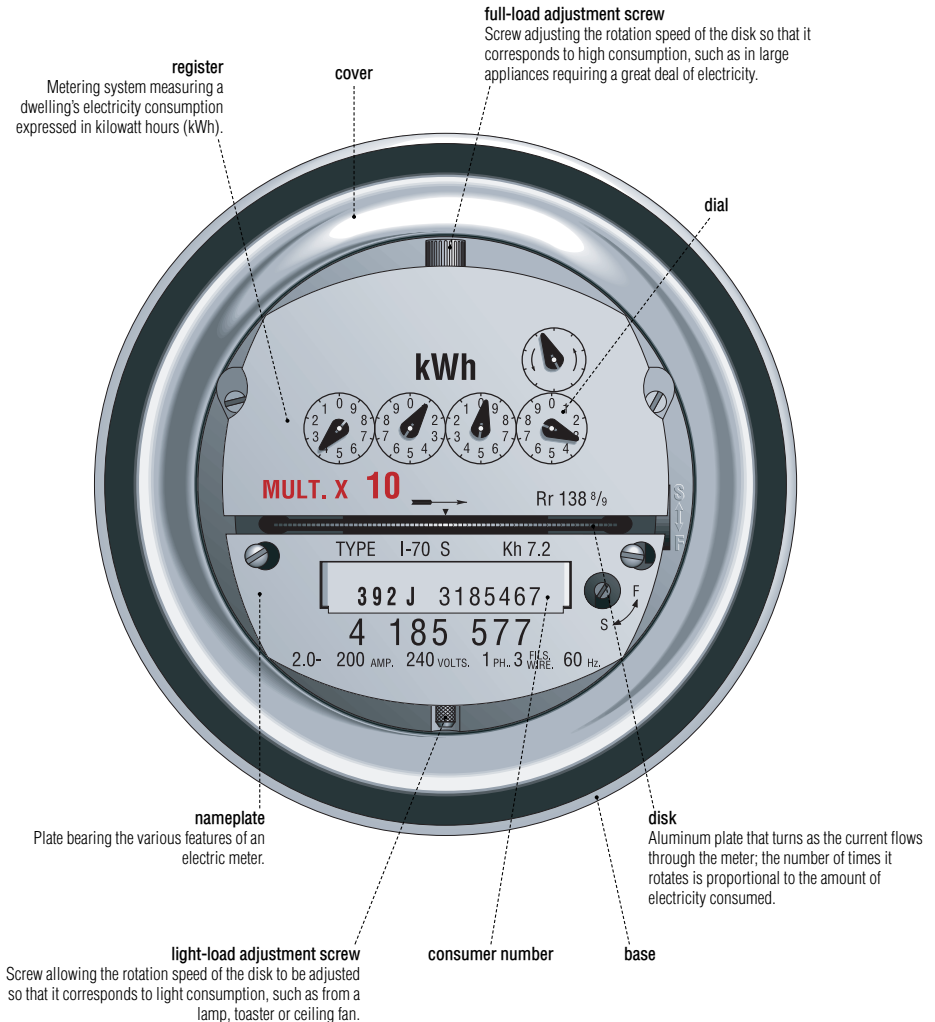
**cartridge fuse**

Having a maximum capacity of 60 amperes, it protects a circuit of 240 volts.

**knife-blade cartridge fuse**

Having a capacity of 60 to 600 amperes, it protects the main electric circuit.

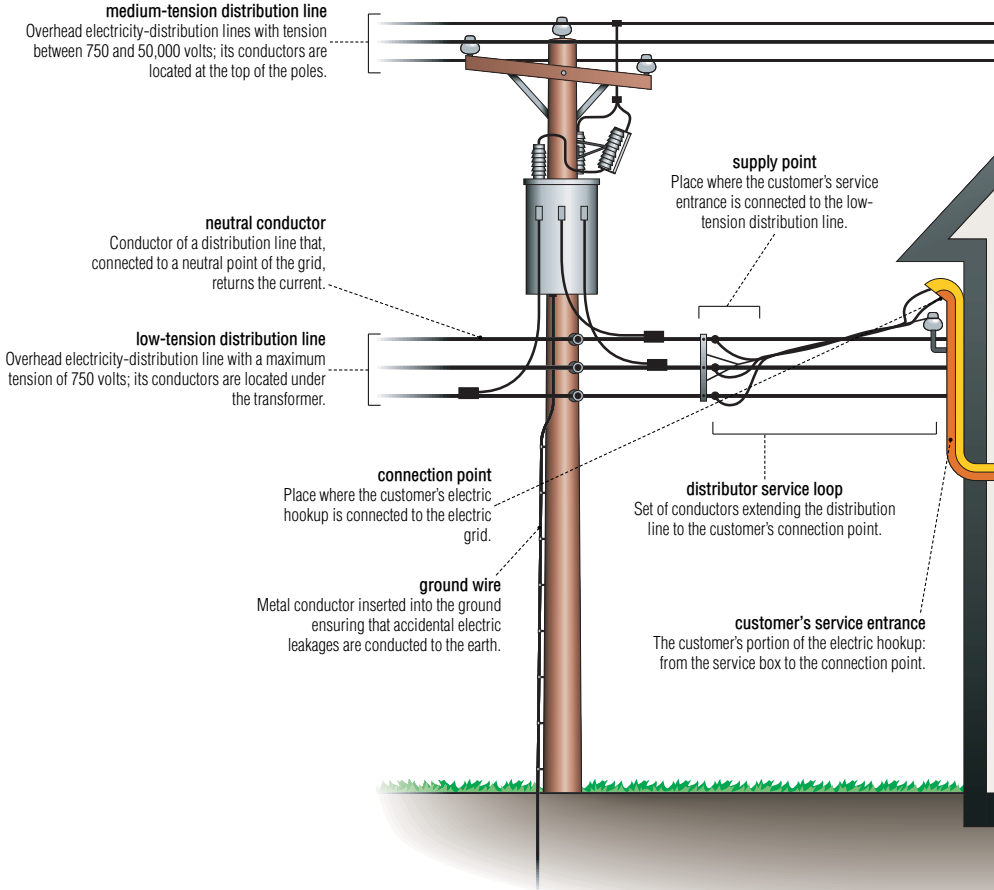
Device measuring the consumption of electricity by a dwelling.

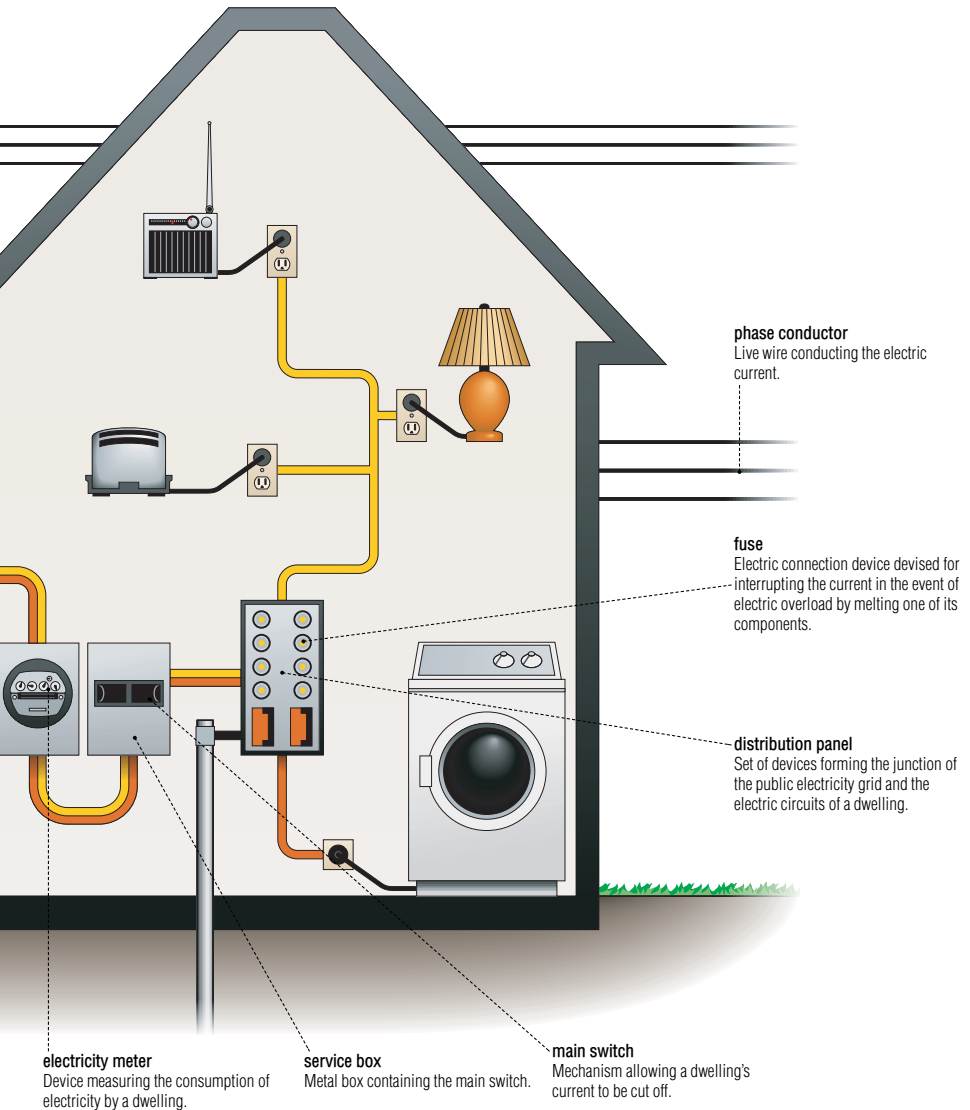




## network connection

Set of equipment and conductors allowing a customer's electric installation to be connected to the public grid.



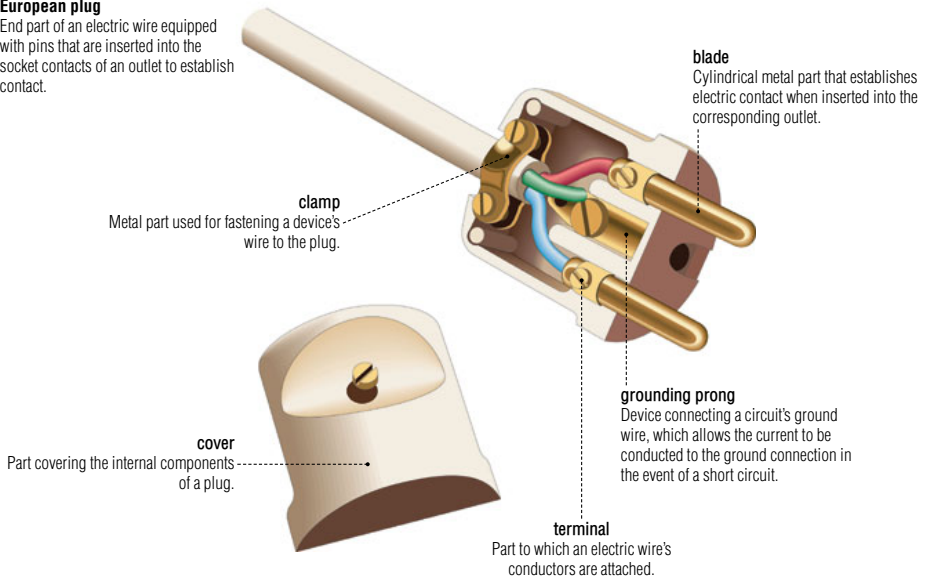


## contact devices

Examples of components that connect a device to an electric circuit.

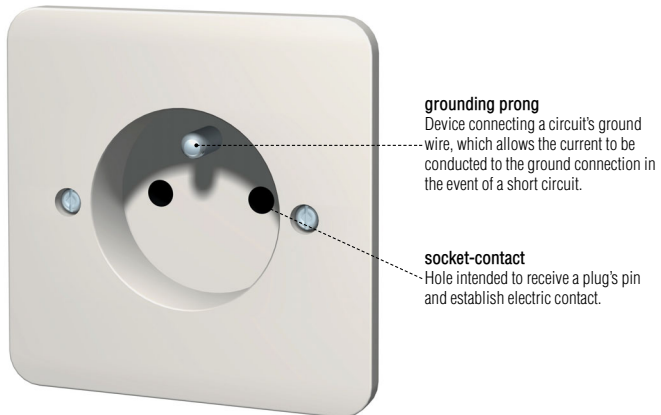
### European plug

End part of an electric wire equipped with pins that are inserted into the socket contacts of an outlet to establish contact.



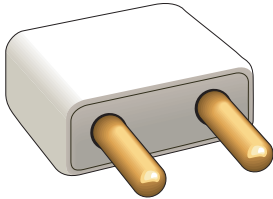
### European outlet

Device fitted with sockets connecting an electric circuit to an electric device when the plug is inserted into it.

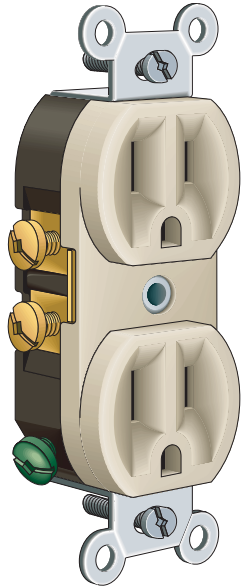


**plug adapter**

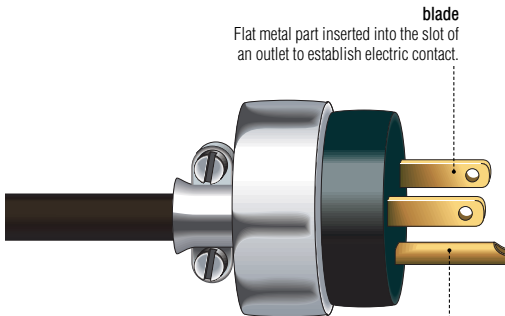
Electric accessory adapting a plug to an outlet of a different configuration.

**outlet**

Device connecting an electric circuit that conducts the current to an electric device when a plug is inserted.

**American plug**

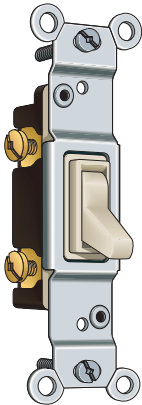
End part of an electric wire equipped with blades that are inserted into an outlet to establish contact.

**blade**

Flat metal part inserted into the slot of an outlet to establish electric contact.

**grounding prong**

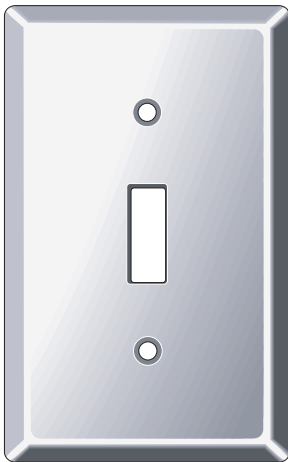
Device connecting a circuit's ground wire, which allows the current to be conducted to the ground connection in the event of a short circuit.

**switch**

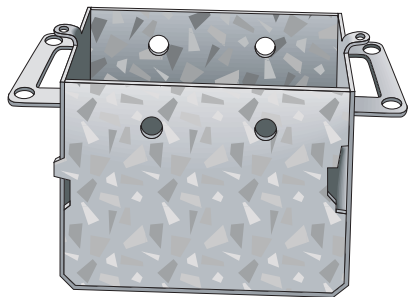
Mechanism allowing the current in an electric circuit to be established or interrupted.

**dimmer switch**

Switch for varying the brightness of a lighting installation.

**switch plate**

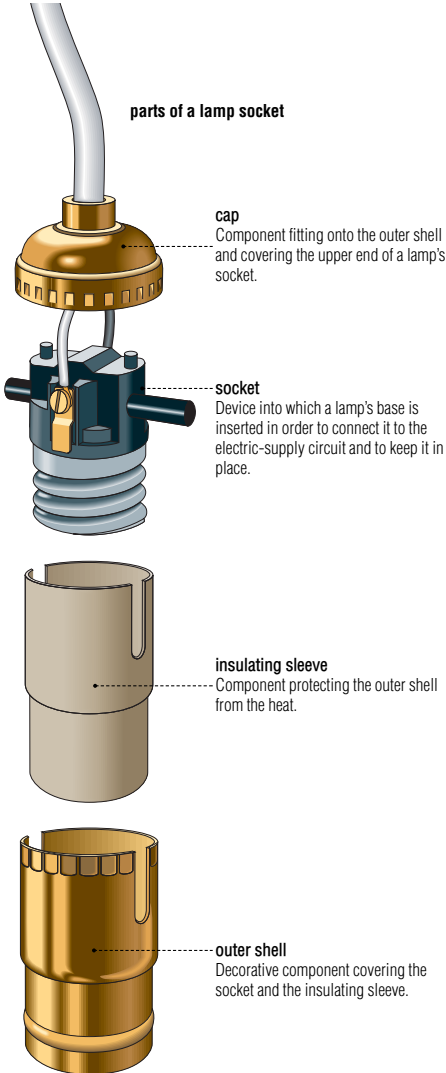
Protective plate covering an outlet or, in this case, a switch.

**electrical box**

Box housing the electric connections in order to protect the part of the dwelling's frame upon which it is mounted.

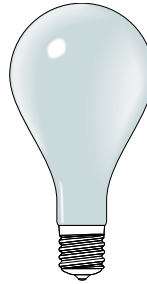
Set of devices allowing light to be diffused in a dwelling.

### parts of a lamp socket



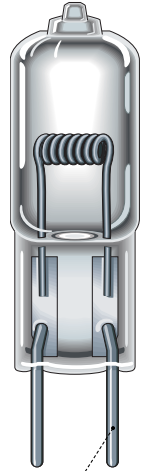
### tungsten-halogen lamp

Lamp that is brighter and lasts longer than a traditional incandescent lamp, but that lets off more heat.



### bulb

Gas sealed in a glass envelope into which the luminous body of a lamp is inserted.

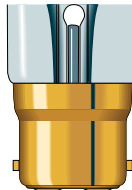


### pin

Cylindrical metal part that establishes electric contact when inserted into the corresponding outlet.

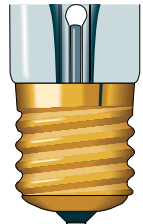
### bayonet base

Base fitted with two short metal pins so that it can be placed in the corresponding socket.



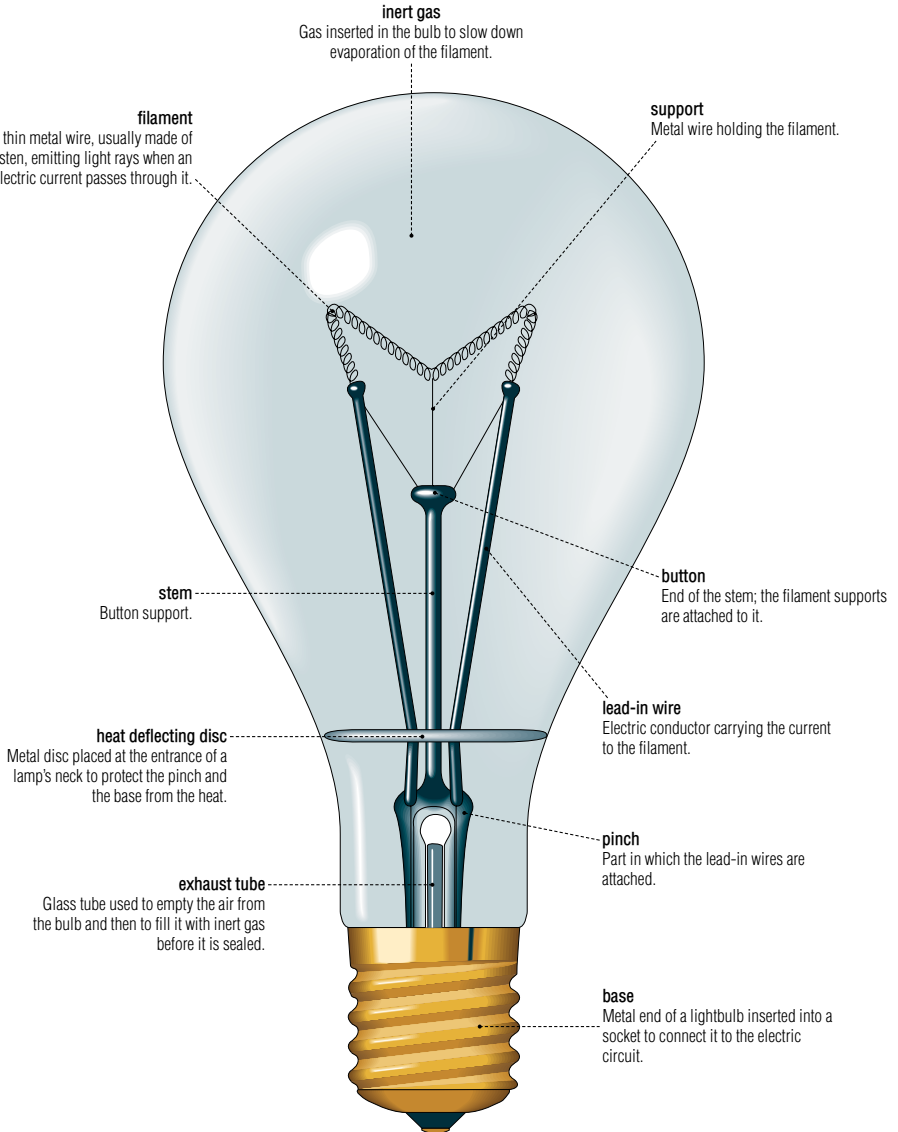
### screw base

Base fitted with a screw pitch so it can be inserted into the corresponding socket.



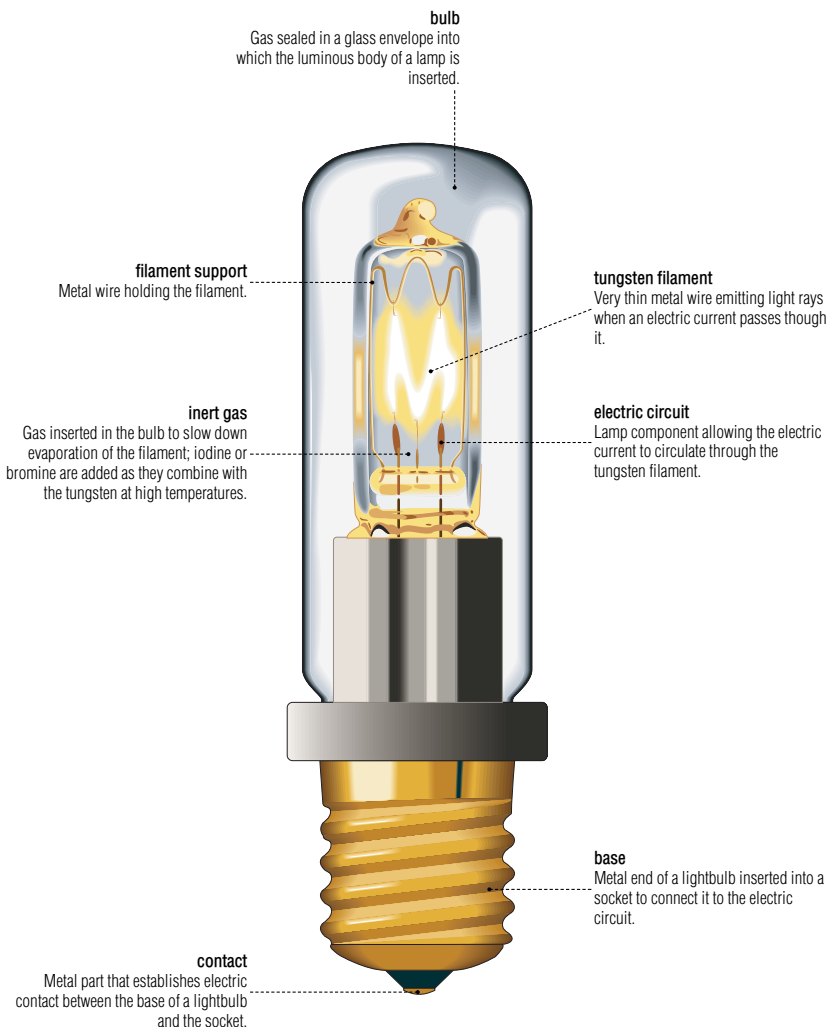
**incandescent lamp**

Lamp in which a filament heated by an electric current produces light rays.



**tungsten-halogen lamp**

Lamp that is brighter and lasts longer than a traditional incandescent lamp, but that lets off more heat.

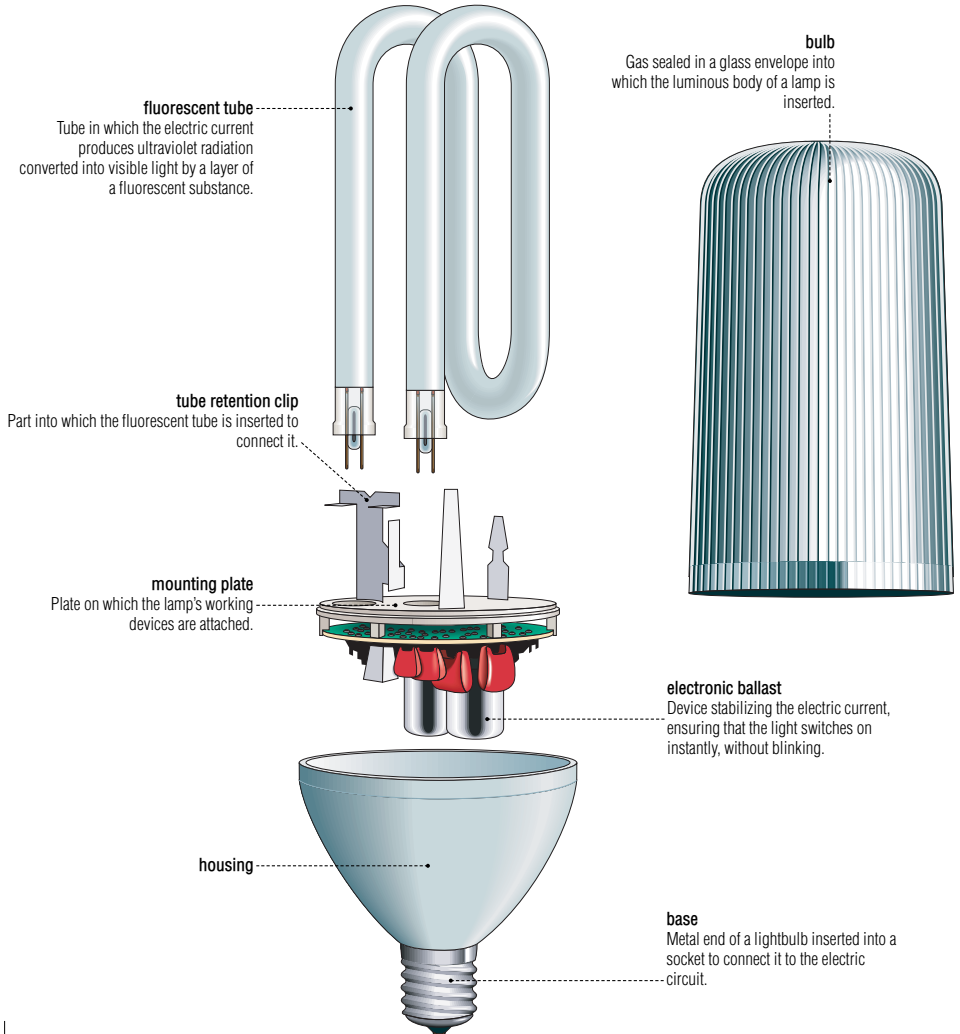




## lighting

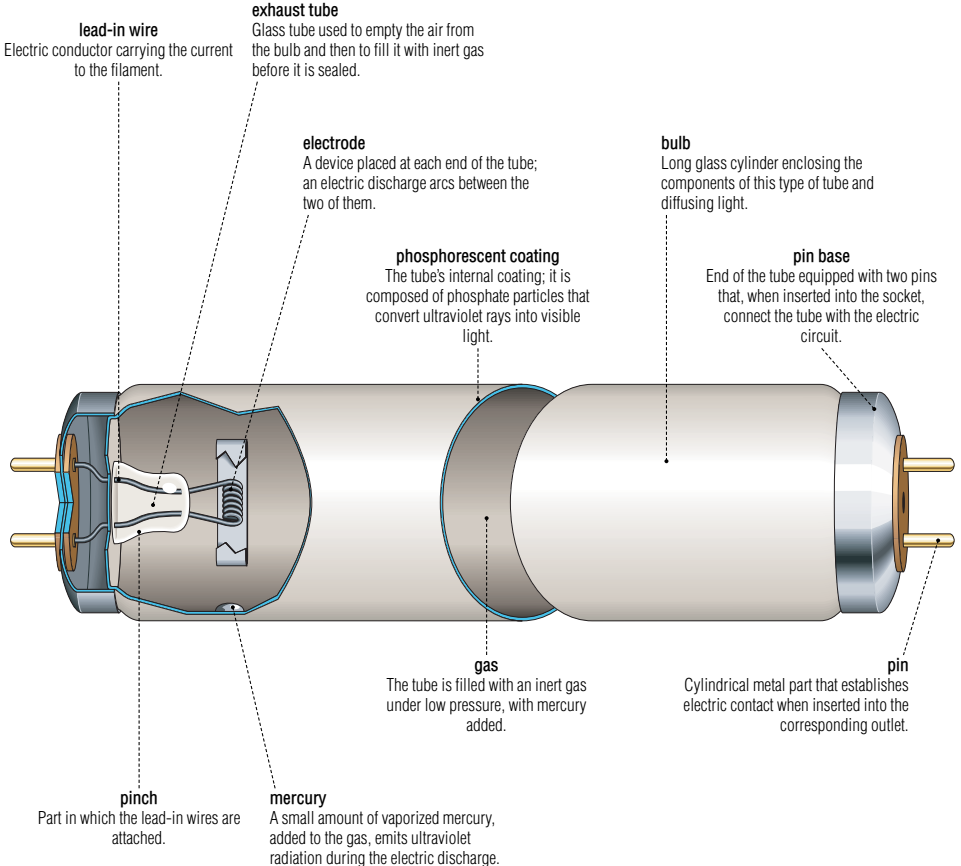
**energy-saving bulb**

Bulb whose electricity consumption is lower and its life longer than an incandescent bulb.



**fluorescent tube**

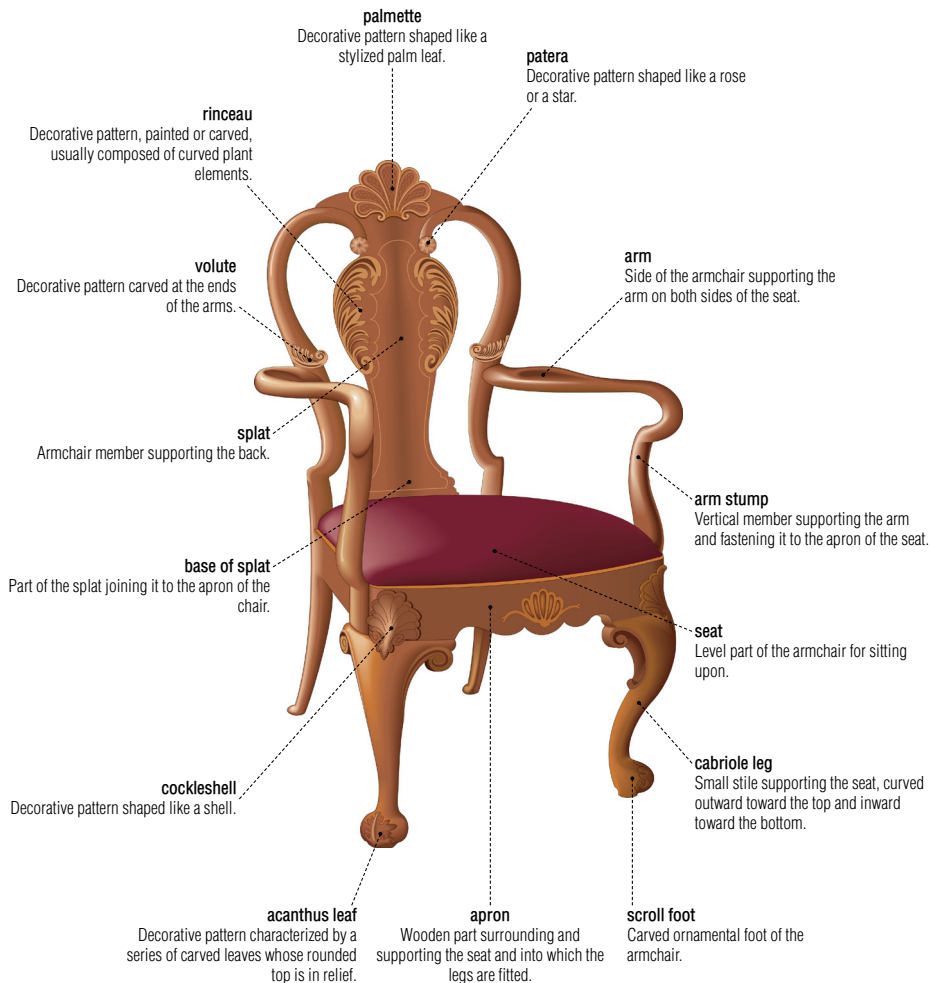
Tube in which the electric current produces ultraviolet radiation converted into visible light by a layer of a fluorescent substance.



## armchair

Chair consisting of arms, a back and legs.

## parts



## examples of armchairs

**Wassily chair**

Armchair with a tubular metal frame and whose back and seat are made of leather.

**director's chair**

Wooden armchair with a canvas back and seat that folds up in the middle.

**rocking chair**

Armchair with curved runners to rock on.

**club chair**

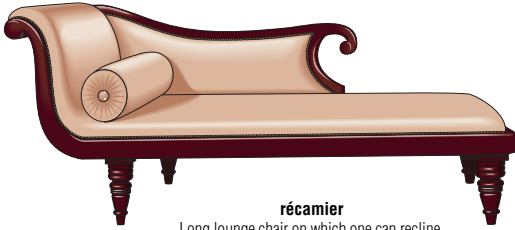
Large deep upholstered armchair, usually made of leather.

**bergère**

Upholstered armchair with a cushioned seat.

**cabriolet**

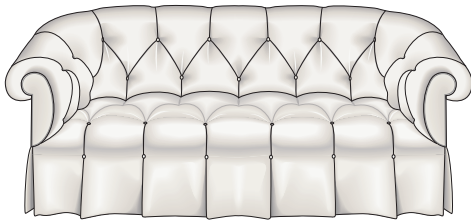
Wooden 18th-century armchair with a curved back and armrests that curve outward.

**récamier**

Long lounge chair on which one can recline, equipped with an upholstered headrest and back, the latter extending only a part of the length of the chair.

**méridienne**

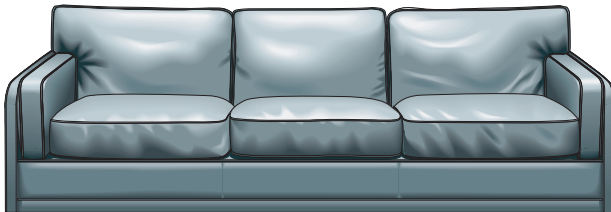
Sofa with an irregular back joining two arms of different heights.

**chesterfield**

Upholstered quilted sofa whose arms are the same height as its back.

**love seat**

Sofa that seats two people.

**sofa**

Long upholstered armchair that seats several people.

Furniture designed for sitting.

**bean bag chair**

Seat composed of an upholstered bag; it assumes the form of the human body.

**ottoman**

Low upholstered seat having neither arms nor back.

**step chair**

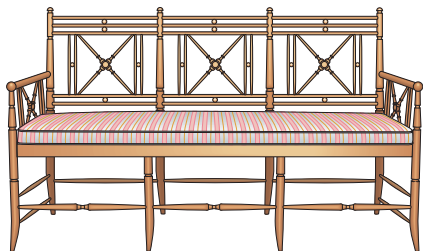
Chair whose foldaway lower part can be pulled out to form a step.

**footstool**

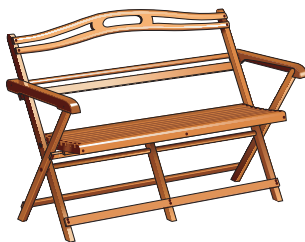
Seat with legs, having neither arms nor back, of various heights.

**bar stool**

Seat with legs, having neither arms nor back, high enough so that a person can sit at the level of a bar.

**banquette**

Bench with an upholstered seat.

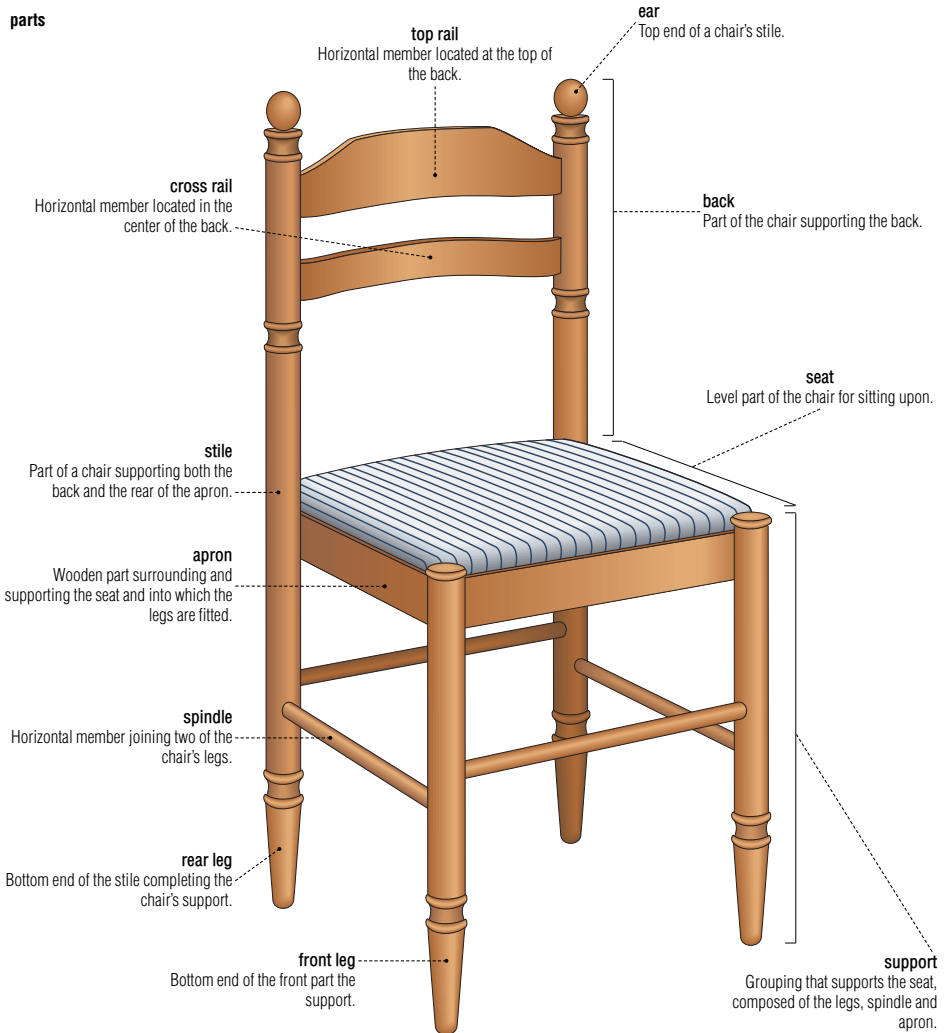
**bench**

Long narrow upholstered seat with or without a back, seating several people.

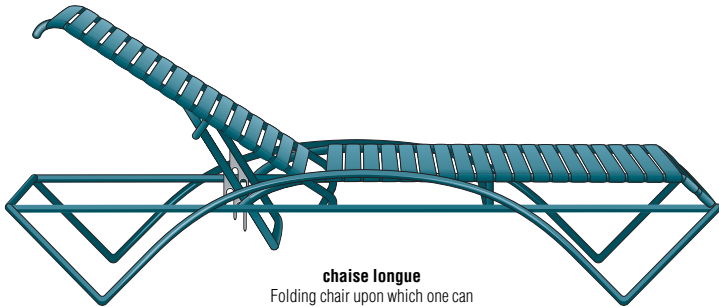
## side chair

Seat consisting of a back and legs but no arms.

## parts



## examples of chairs

**chaise longue**

Folding chair upon which one can recline.

**rocking chair**

Chair equipped with curved runners to rock on.

**stacking chairs**

Chairs designed to be placed one atop the other for storing.

**folding chair**

Chair whose seat and legs fold up for ease of storage and carrying.

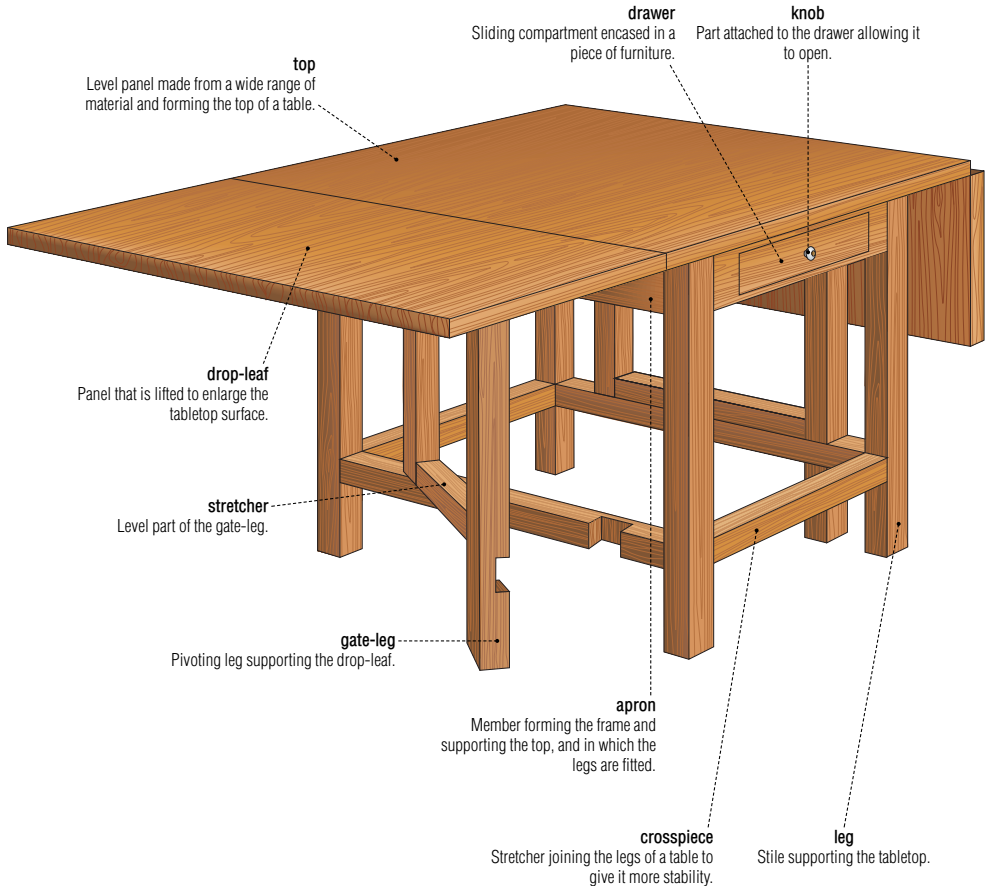


## table

Piece of furniture consisting of a level top supported by one or several legs and whose uses are numerous.

**gate-leg table**

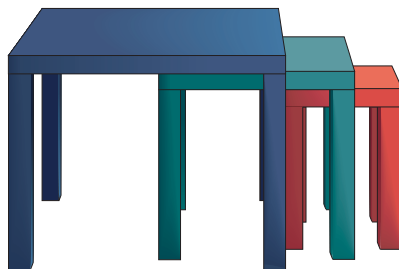
Table equipped with a folding panel that can be raised to enlarge the tabletop surface.



## examples of tables

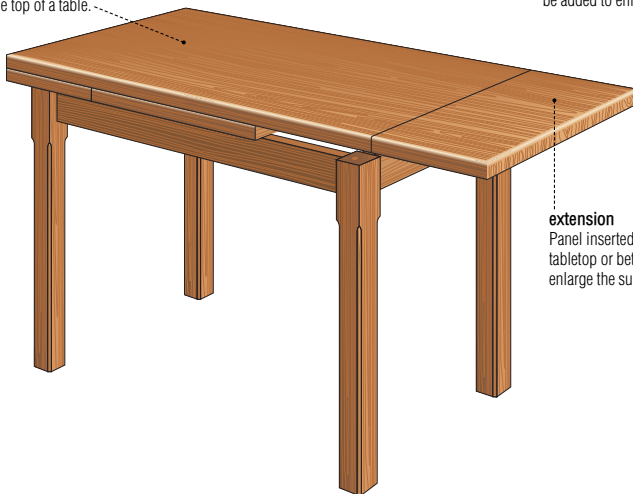
**servicing cart**

Piece of furniture on which to place the dishes when the table is cleared.

**nest of tables**

Set of tables of various heights designed to stack one atop the other.

**top**  
Level panel made from a wide range of material and forming the top of a table.



**extension table**  
Table to which one or more extensions can be added to enlarge the tabletop surface.

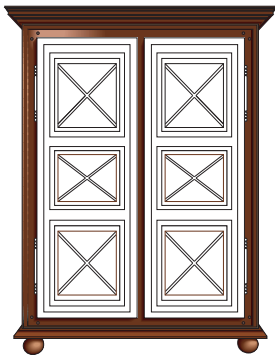
**extension**  
Panel inserted at the end of the tabletop or between the two halves to enlarge the surface.

## storage furniture

Furniture serving to archive, support or protect various objects.

**armoire**

Tall piece of furniture enclosed by panels and equipped with shelves to store items such as linens, clothing and supplies.

**frame**

Set of stiles and rails comprising an armoire's structure.

**door**

Each of an armoire's moving parts, acting as doors.

**frieze**  
Ornamental molding above the cornice.

**top rail**  
Horizontal wooden member located at the top of the frame.

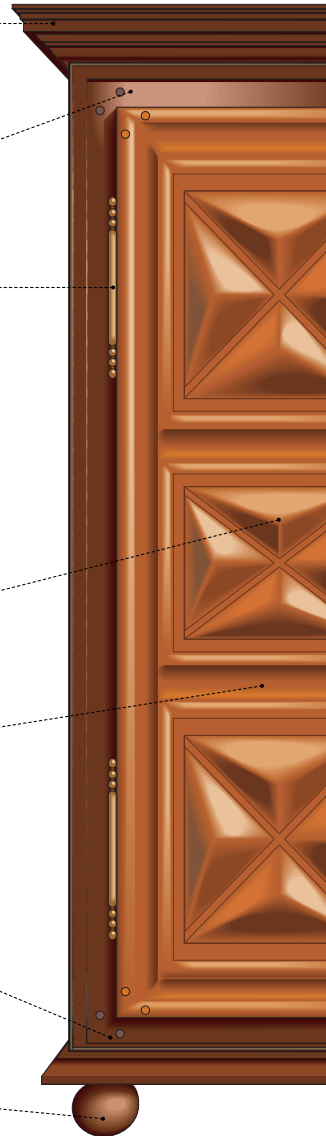
**hinge**  
Cylindrical metal part bent at an angle; it supports the door and allows it to swing.

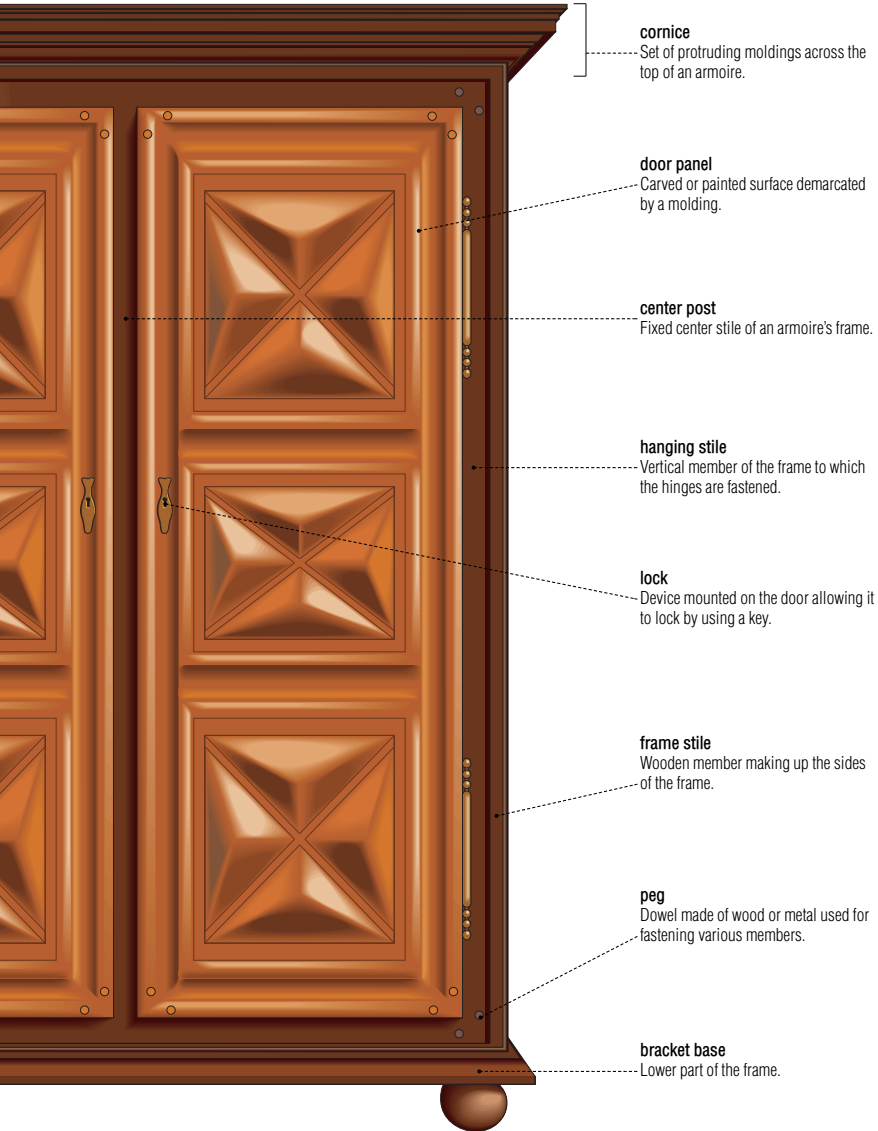
**diamond point**  
Decorative pattern whose embossment resembles the facets of a diamond.

**rail**  
Flat section of the panel between two decorative relief patterns.

**bottom rail**  
Horizontal wooden member located at the bottom of the frame.

**foot**  
Wooden member, usually decorative, supporting the armoire.





**linen chest**

Low piece of furniture shaped like a chest and closed by a lid.



**chiffonier**

Tall narrow piece of furniture equipped with stacked drawers for storing accessories and clothes.

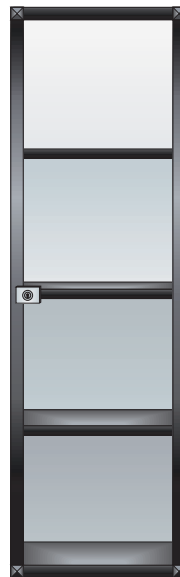


**drawer**

Sliding compartment encased in a piece of furniture.

**display cabinet**

Glass cabinet for displaying collectibles and knickknacks.



**secretary**

Piece of furniture for storing office supplies and stationery; it includes a drop panel serving as a writing table.



**compartment**

Compartment for storing various objects.

**fall front**

Panel closing the upper part of the secretary; it is lowered to form a writing table.

**wardrobe**

Piece of furniture in which one part is equipped with shelves and drawers for storing clothes and the other with a rod for hanging them.

**buffet**

Dining room or kitchen furniture for storing dishes, silverware and table linens.



**dresser**

Piece of furniture for the bedroom equipped with drawers, used for storing clothes; it often has a mirror mounted on top.

**corner cupboard**

Piece of furniture designed to be placed in the angle formed by two walls.

**glass-fronted display cabinet**

Piece of furniture consisting of a buffet in the lower part and shelves for displaying dishes in the upper part.

**cocktail cabinet**

Piece of furniture for storing liquor and the accessories used for making drinks.

Piece of furniture to stretch out on for resting or sleeping.

**sofa bed**

Sofa that can be converted into a bed.

**futon**

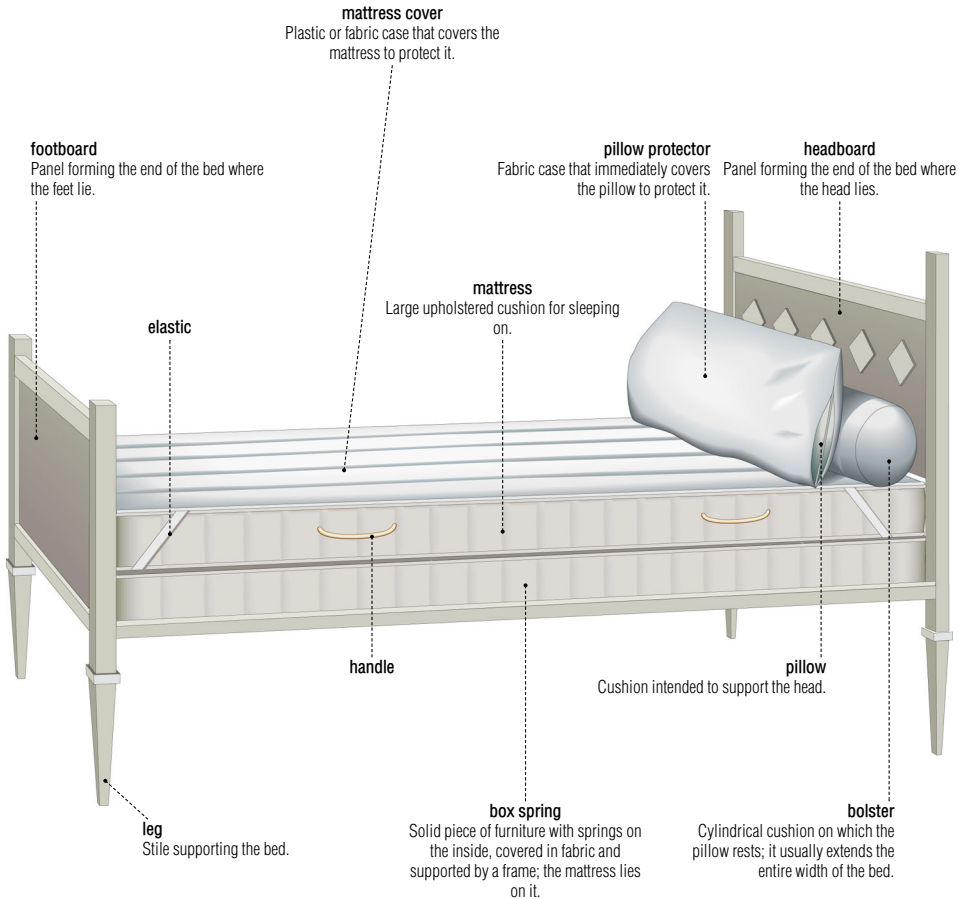
Cotton mattress of Japanese origin.



**frame**

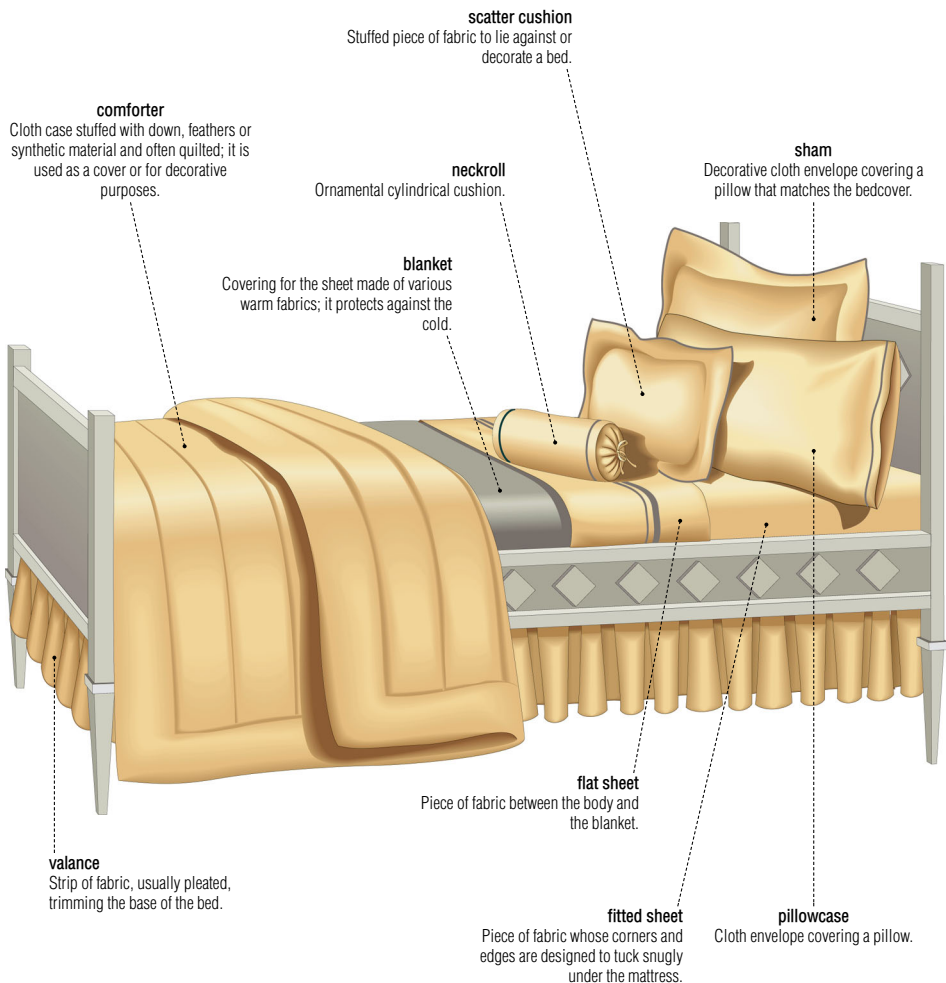
Set of components forming the structure of the piece of furniture.





**linen**

Set of fabrics, blankets and pillows covering a bed.



## children's furniture

Furniture designed and adapted for young children.

**crib**

Deep bed for a baby surrounded by bars, one side of which can be lowered; it is equipped with a mattress whose height can be changed.

**headboard**

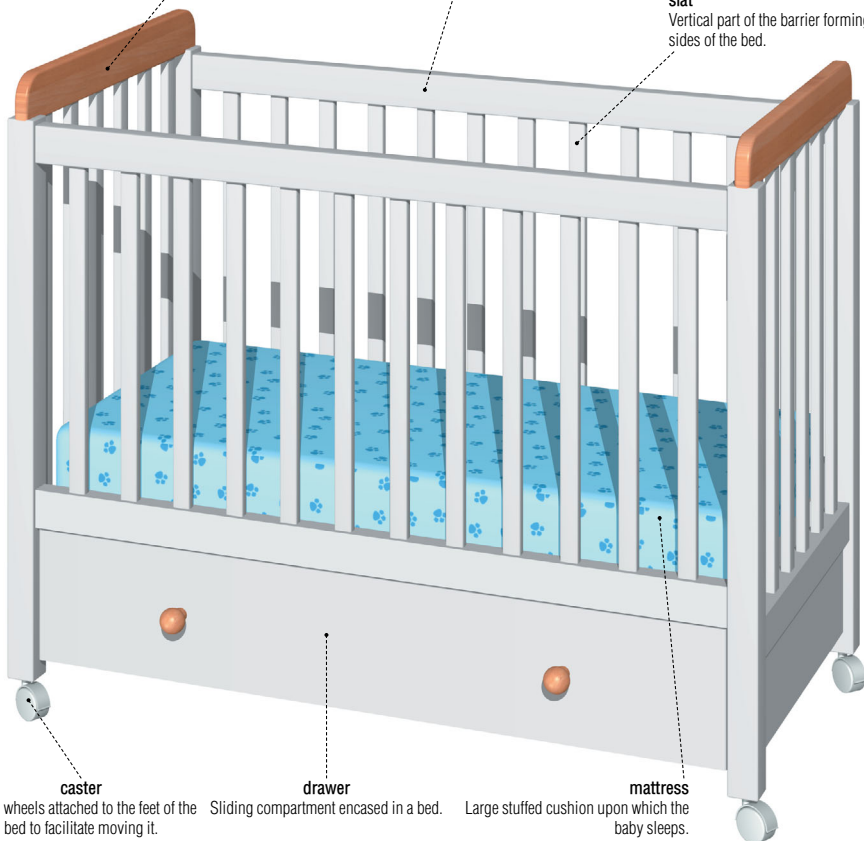
End of the bed where the head of the baby is placed.

**barrier**

Assembly of bars enclosing the side of the bed.

**slat**

Vertical part of the barrier forming the sides of the bed.

**caster**

Small wheels attached to the feet of the bed to facilitate moving it.

**drawer**

Sliding compartment encased in a bed.

**mattress**

Large stuffed cushion upon which the baby sleeps.

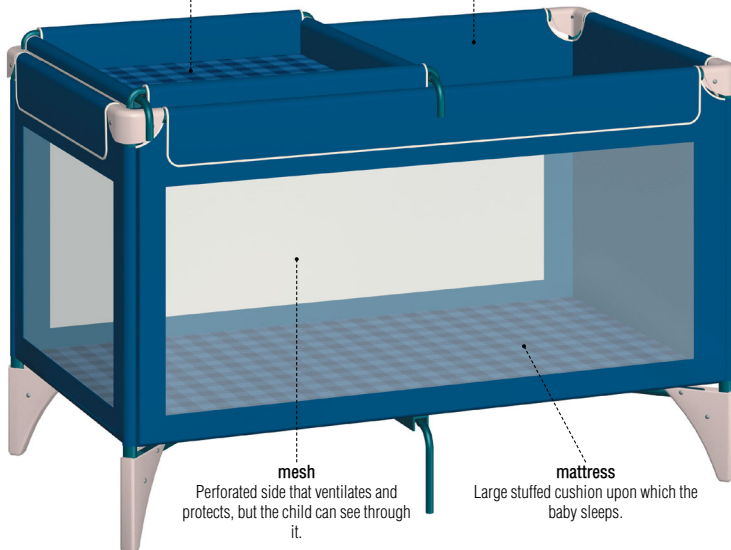


**changing table**

Piece of furniture equipped with storage space and a changing area.

**changing table**  
Detachable shelf for tending to the various needs of the baby.

**top rail**  
Elevated part of the sides of the bed protecting the baby from falling.



**playpen**

Bed that closes up, usually used when traveling.

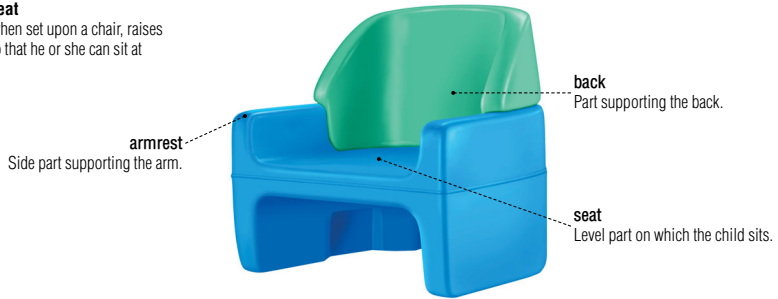
**mesh**  
Perforated side that ventilates and protects, but the child can see through it.

**mattress**  
Large stuffed cushion upon which the baby sleeps.

## children's furniture

**booster seat**

Seat that, when set upon a chair, raises the child so that he or she can sit at table level.

**high chair**

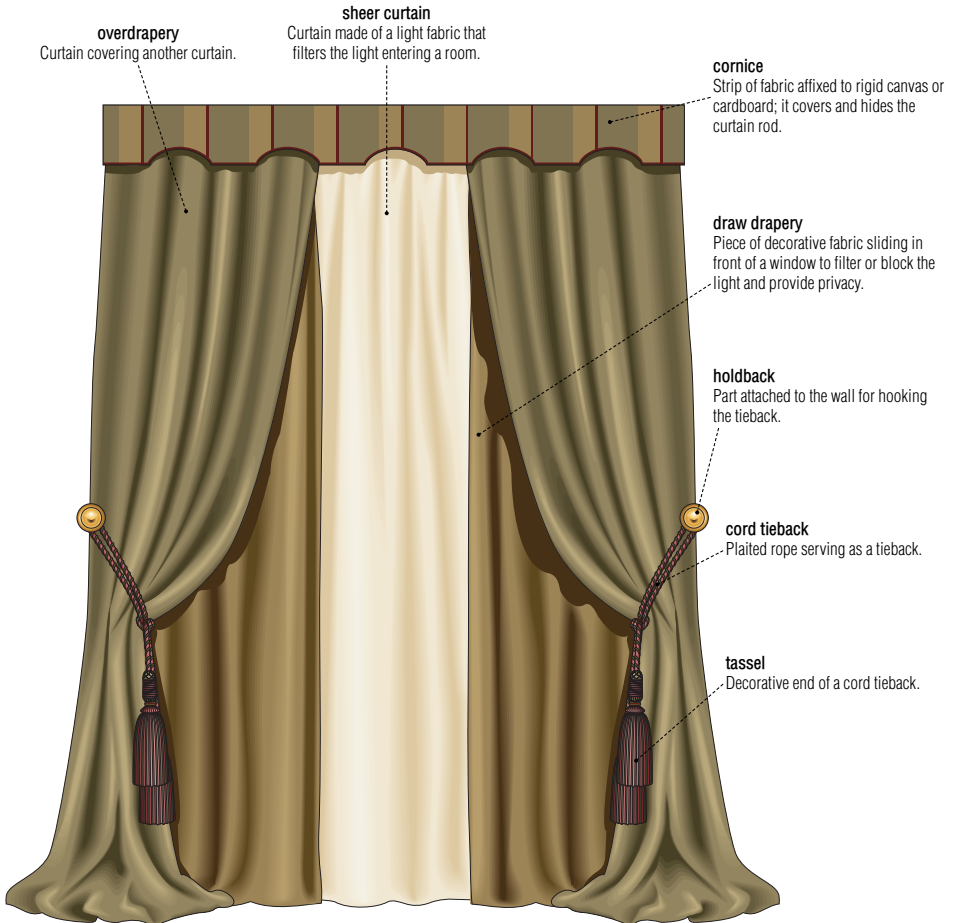
Elevated seat, closed in front by a removable tray, in which a baby sits for feeding.



Set of elements decorating a window.

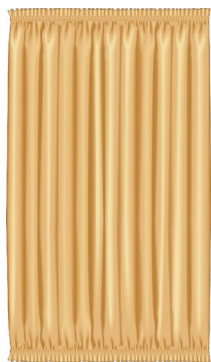
**curtain**

Formal drapery placed in front of a window, often composed of several layers of curtains.



**examples of curtains**

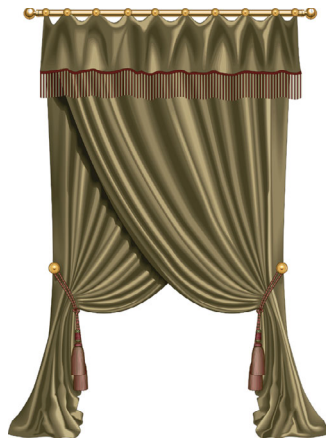
The various types of curtains can create a particular atmosphere in a room.

**attached curtain**

Curtain on two curtain rods; it has pleated sleeves at the top and bottom of the fabric.

**loose curtain**

Curtain hung from a single curtain rod and falling in soft pleats.

**crisscross curtains**

Curtains whose held-back sides form an overlap.

**balloon curtain**

Curtain that is raised like a blind and whose pleats are gathered to make them puffy.

**blinds**

Devices that roll or fold up, serving to filter or block light and provide privacy.

**Venetian blind**

Shade made of adjustable horizontal laths containing a mechanism for controlling its height and orientation.

**headrail**

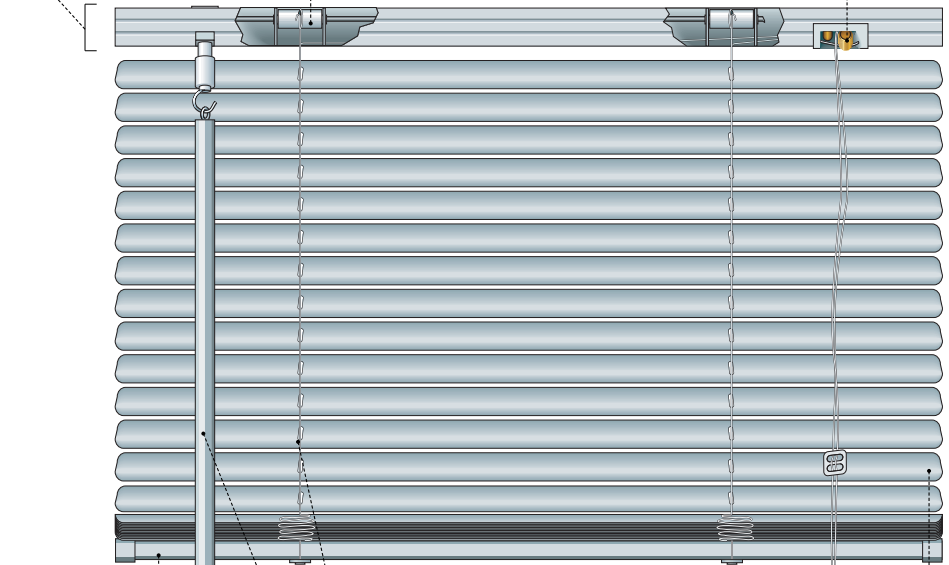
Grooved metal rod containing the shade's mechanism and used to mount the blinds in front of a window.

**drum**

Cylindrical mechanism allowing the cord and laths to move.

**lift cord lock**

Mechanism keeping the shade at the desired height.

**bottom rail**

Bar that is heavier than the laths and serves as ballast to ease lowering the shade.

**cord**

System of strings controlled by the lath tilt device and the lift cord; it supports the laths, changes their tilt angle and raises them.

**lath tilt device**

Rod used for pivoting the tilt tube.

**lift cord**

Double cord to control the shade's height and keep it level.

**lath**

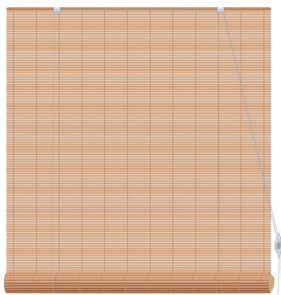
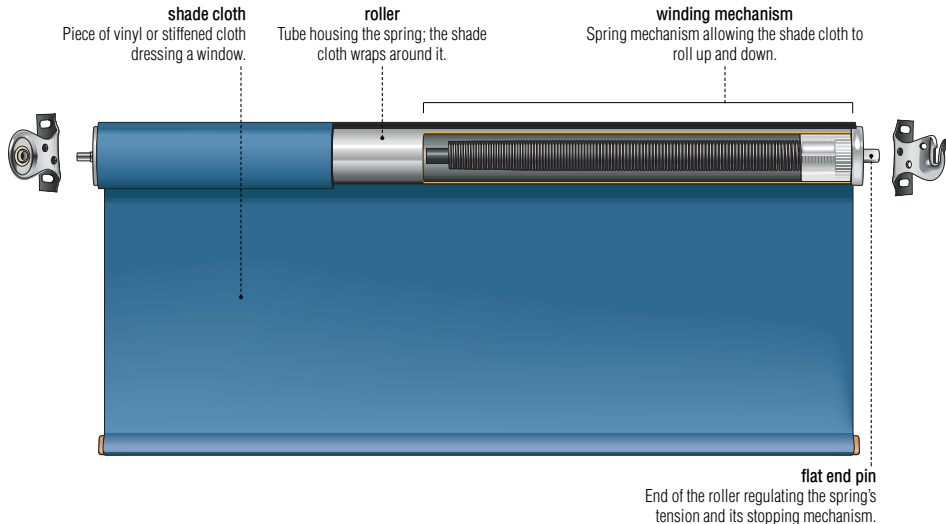
Thin flat strips made of aluminum, wood or plastic, the constituent parts of the shade.



## window accessories

**roller shade**

Shade with a roller containing a spring that causes the shade cloth to roll up.

**roll-up blind**

Shade made of nonadjustable laths rolled up by a system of cords and pulleys.

**roman shade**

Shade that forms layered pleats as it is raised by means of cords sliding through rings on the back of the cloth.

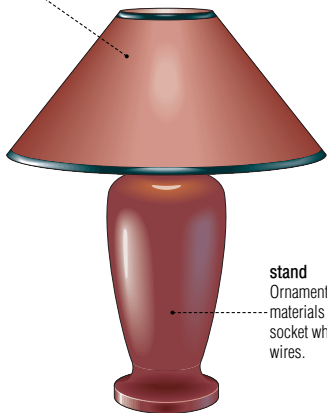
Fixed or portable devices designed and used to diffuse electric light.



**halogen desk lamp**

Desk lamp of greater luminous intensity and longer duration than a traditional lamp but that emits more heat.

**shade**  
Translucent screen directing the lamp's light while decreasing its glare.

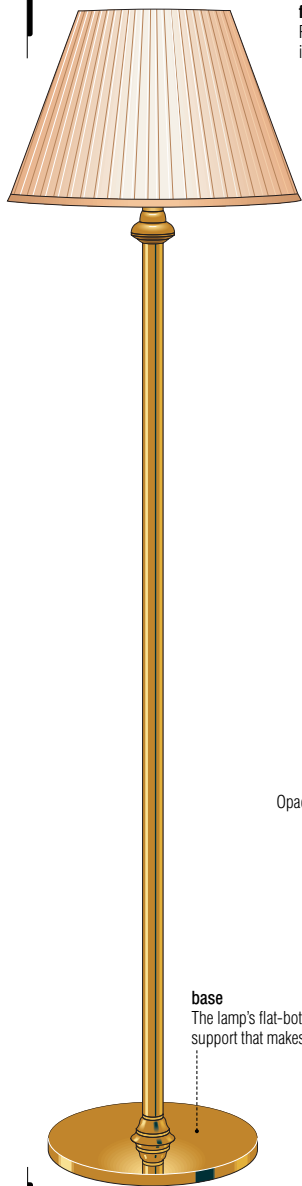


**table lamp**

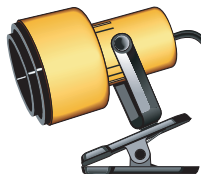
Movable light with a short stand; it is placed on furniture.



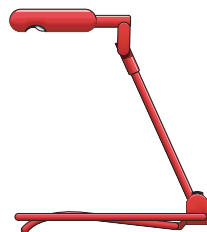
Portable light equipped with an opaque shield that directs and diffuses the light onto the worktable.

**floor lamp**

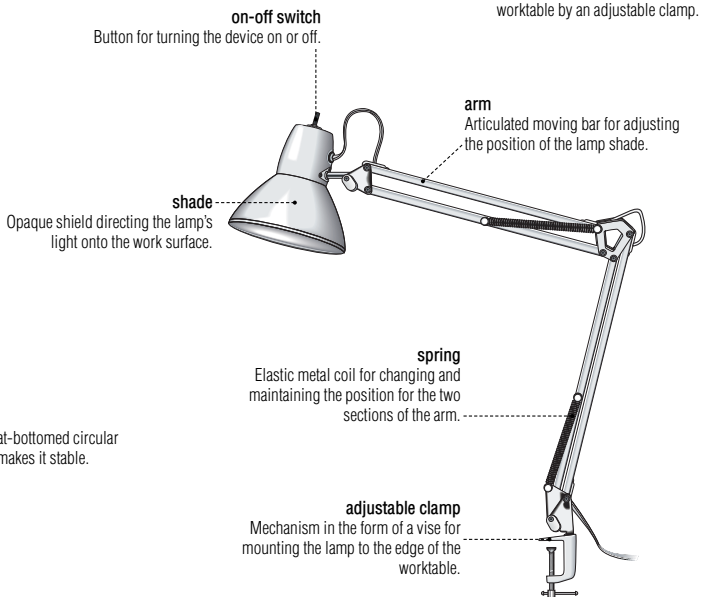
Portable lamp having a high stand that is placed on the floor.

**clamp spotlight**

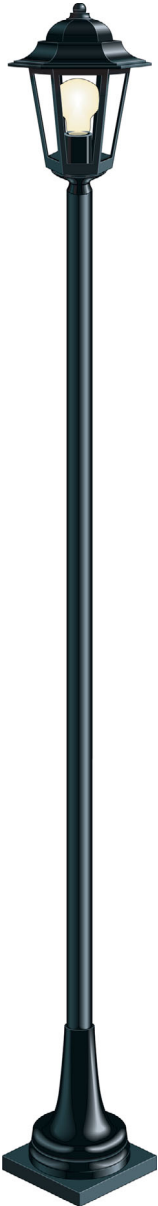
Small portable spotlight with a concentrated beam; it can be mounted on furniture with a clamp.

**bed lamp**

Small reading light that can be mounted on the back of a book or the headboard of a bed.

**adjustable lamp**

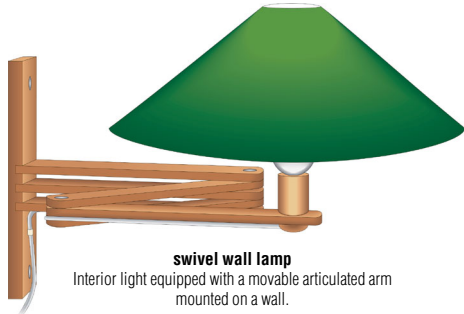
Multidirectional light usually mounted on a worktable by an adjustable clamp.



**wall fitting**  
Interior light mounted on a wall.



**wall lantern**  
Exterior light mounted on a wall, consisting of a translucent or transparent cage containing a light source.

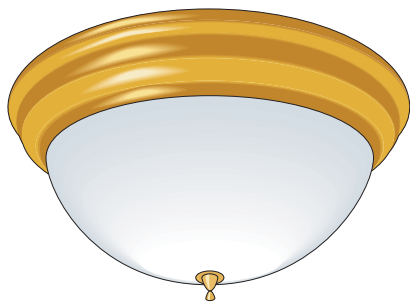
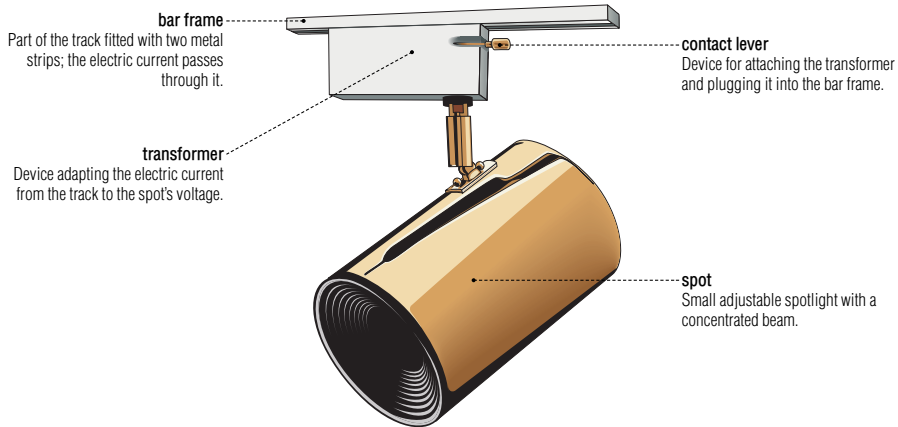


**swivel wall lamp**  
Interior light equipped with a movable articulated arm mounted on a wall.

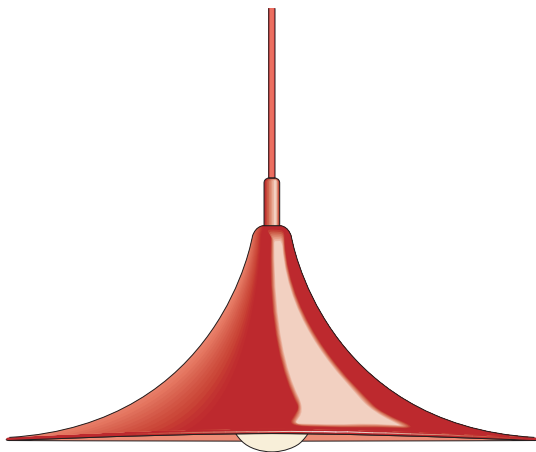
**post lantern**  
Exterior light having a high stand that is fixed to the ground; it consists of a translucent or transparent cage containing a light source.

**track lighting**

Device mounted to the ceiling to support spots and supply electricity to them.

**ceiling fitting**

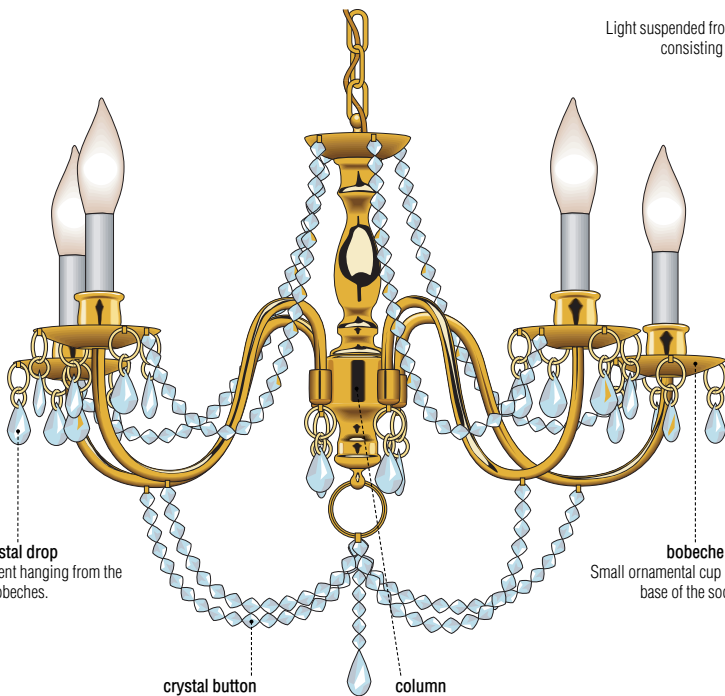
Light mounted directly on the ceiling.

**hanging pendant**

Light designed to be hung from the ceiling.

**chandelier**

Light suspended from the ceiling and consisting of several lamps.

**crystal drop**

Crystal ornament hanging from the bobeches.

**bobèche**

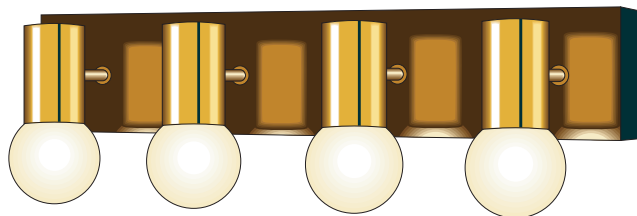
Small ornamental cup placed at the base of the socket.

**crystal button**

Ornamental set of crystal drops arranged in a garland.

**column**

Mounting that supports the chandelier's branches.

**strip light**

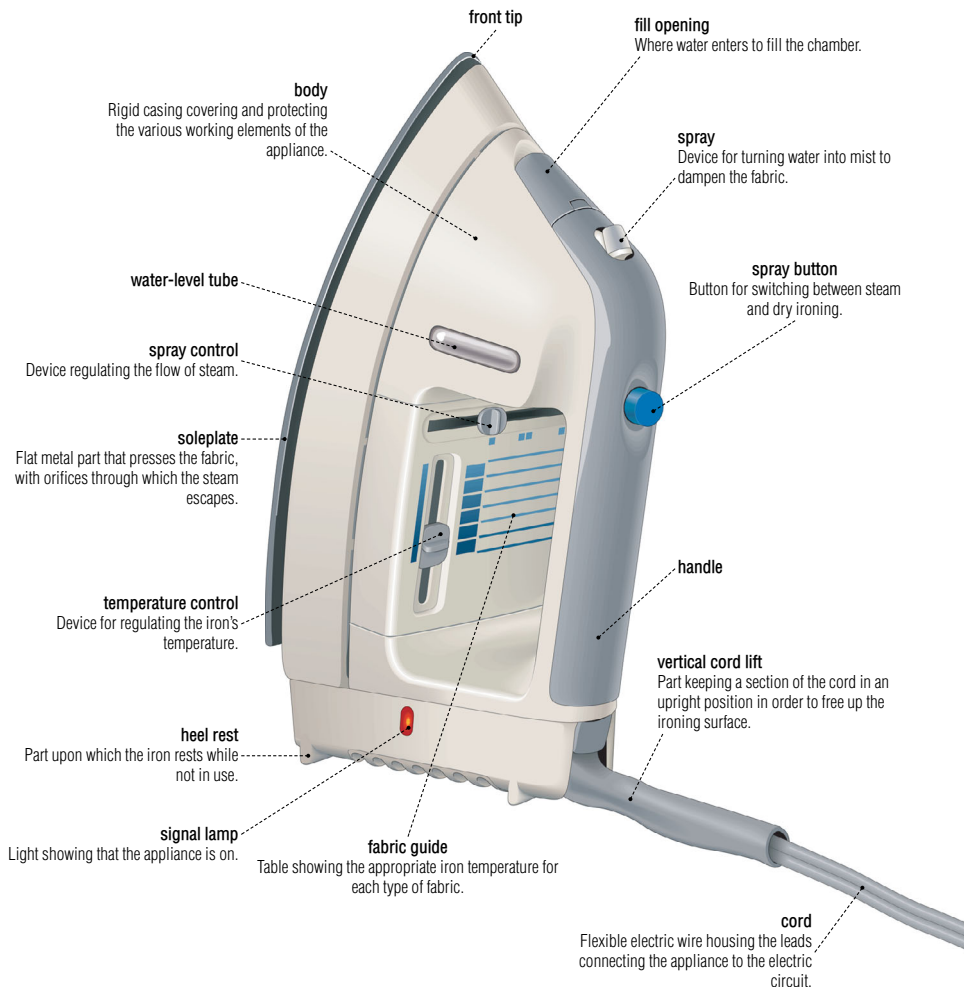
Device composed of a set of lights that are mounted on the same base.

## domestic appliances

Domestic appliances operating on electricity.

**steam iron**

Electric appliance producing steam and used to iron fabric.



**upright vacuum cleaner**

Vertical one-piece vacuum cleaner that is steered by means of a handle-grip.

**on-off switch**  
Button for turning the device on or off.

**tool storage area**  
Space for storing the cleaning tools.

**hose**  
Flexible pipe to which cleaning tools are attached.

**bag compartment**  
Space for housing the bag that collects the dust and dirt.

**cleaner height adjustment knob**  
Mechanism for controlling brush height depending on the thickness of the rug or pile carpet to be cleaned.

**brush**  
Rotating instrument equipped with bristles for dislodging dirt encrusted in the rug or pile carpet fibers.

**tools**  
Small accessories that one attaches to the end of the hose to vacuum dust and dirt.

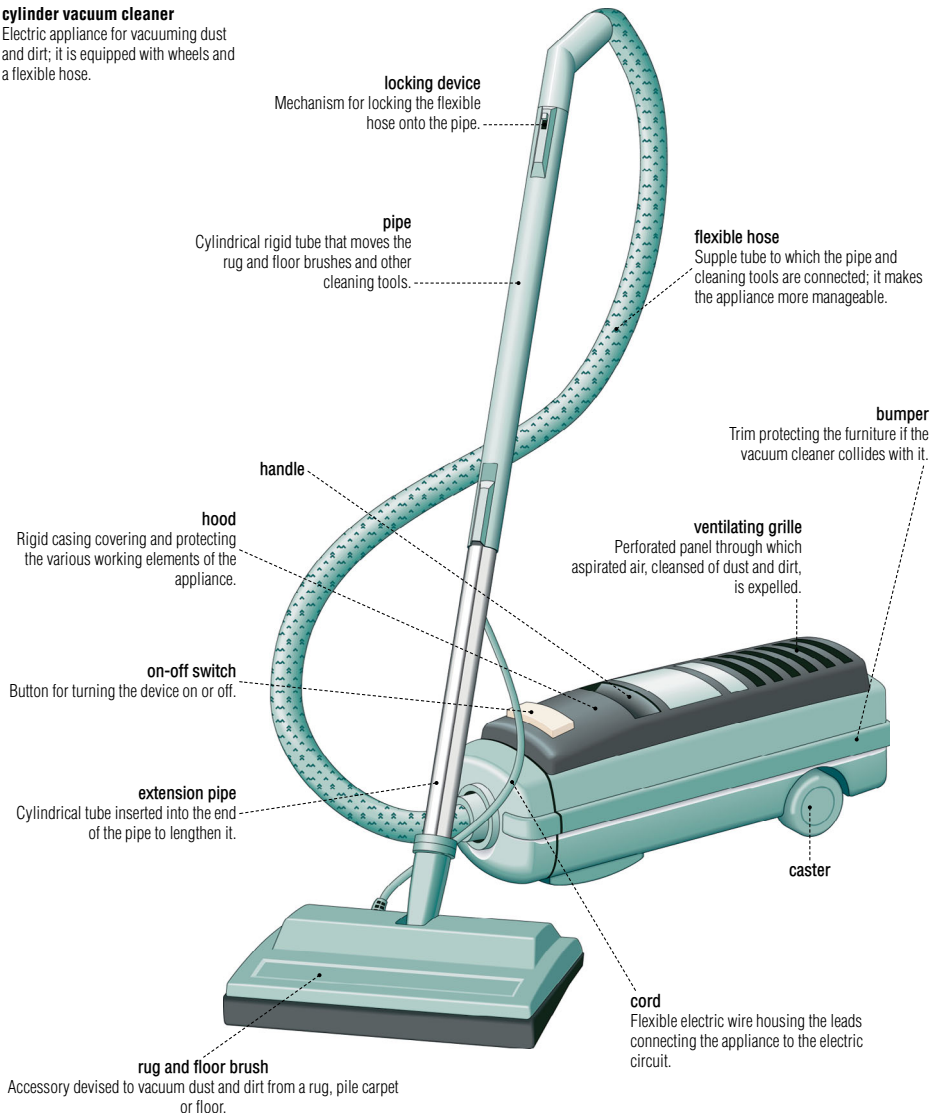




## domestic appliances

**cylinder vacuum cleaner**

Electric appliance for vacuuming dust and dirt; it is equipped with wheels and a flexible hose.



**crevice tool**

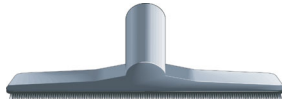
Accessory for vacuuming dust and dirt from hard-to-reach places.

**cleaning tools**

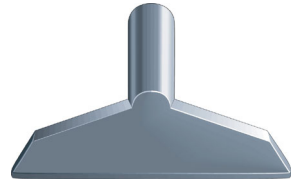
Small accessories that one attaches to the end of the hose to vacuum dust and dirt.

**dusting brush**

Accessory for vacuuming dust from various surfaces.

**floor brush**

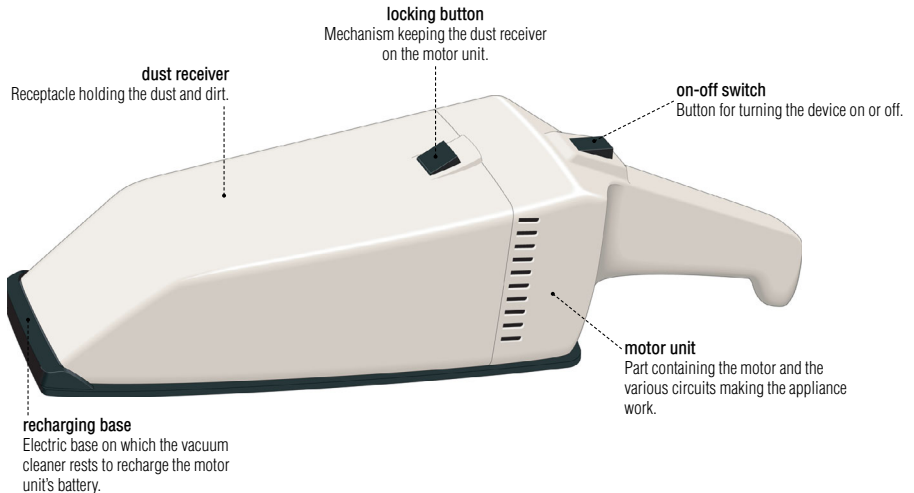
Accessory equipped with bristles to avoid scratching the floor while vacuuming.

**upholstery nozzle**

Accessory for vacuuming dust and dirt from fabric.

**hand vacuum cleaner**

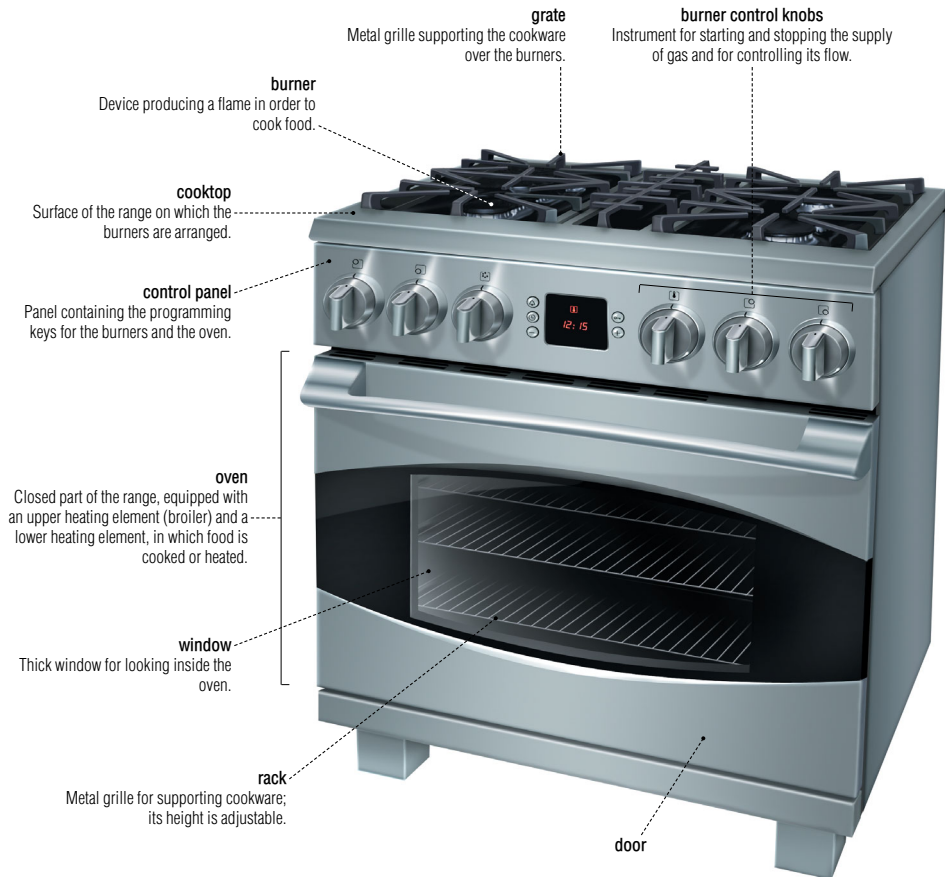
Portable cordless appliance for vacuuming dust and dirt.



## domestic appliances

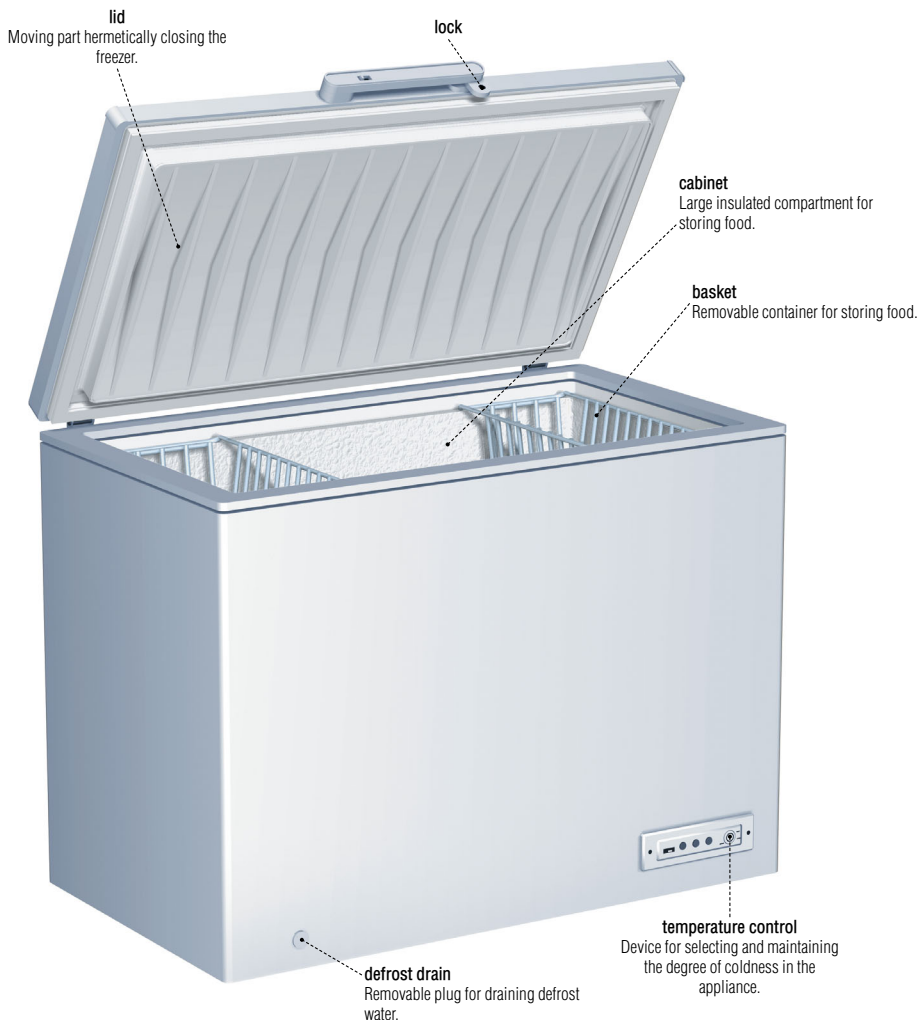
**gas range**

Appliance for cooking food, equipped with gas-fed burners and an oven.



**chest freezer**

Large horizontal appliance for conserving food at a very low temperature (0°F).



## domestic appliances

**range hood**

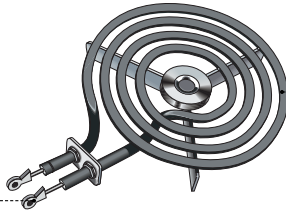
Ventilation appliance expelling or recycling air that contains cooking fumes and odors.

**filter**

Device catching the cooking grease.

**surface element**

Heating element for cooking on some models of kitchen stoves.

**tubular element**

Spiral-shaped electric resistor that heats up as a current passes through it.

**terminal**

Metal part making electric contact.

**drip bowl**

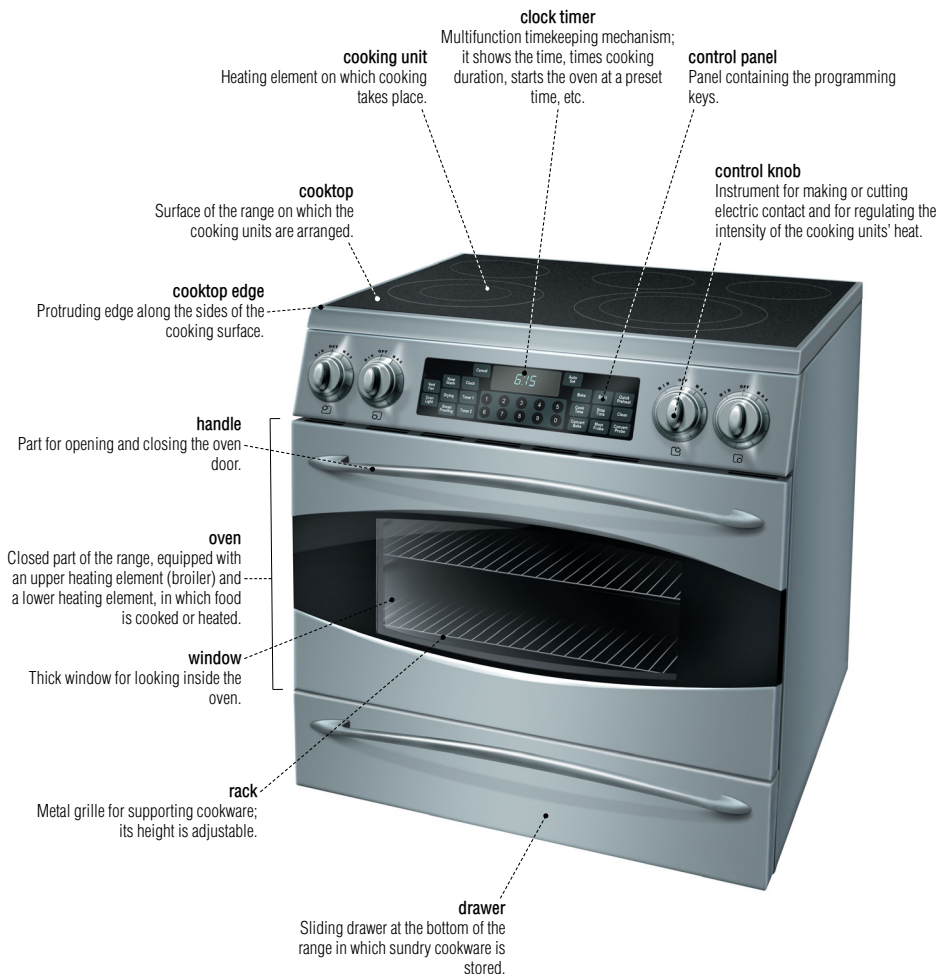
Small container placed beneath the surface element to catch cooking spills.

**trim ring**

Decorative part supporting the drip bowl and surface element.

**electric range**

Electric appliance for cooking food, equipped with surface elements or griddles and an oven.



## domestic appliances

**refrigerator**

Appliance with two compartments, one for keeping food cold and the other for freezing it.







## domestic appliances

**top-loading washer**

Home appliance that automatically washes laundry; access to the tub is via a lid on the top of the appliance.

**lid**  
Moving part for closing the washer's tub.

**backguard**  
Vertical part across the back of the washer on which the appliance's various controls are found.

**tub rim**  
Protrusion that reduces splashing.

**agitator**  
Device stirring the laundry.

**tub**  
Durable container into which the water flows.

**lint filter**  
Device collecting fiber residue from fabric.

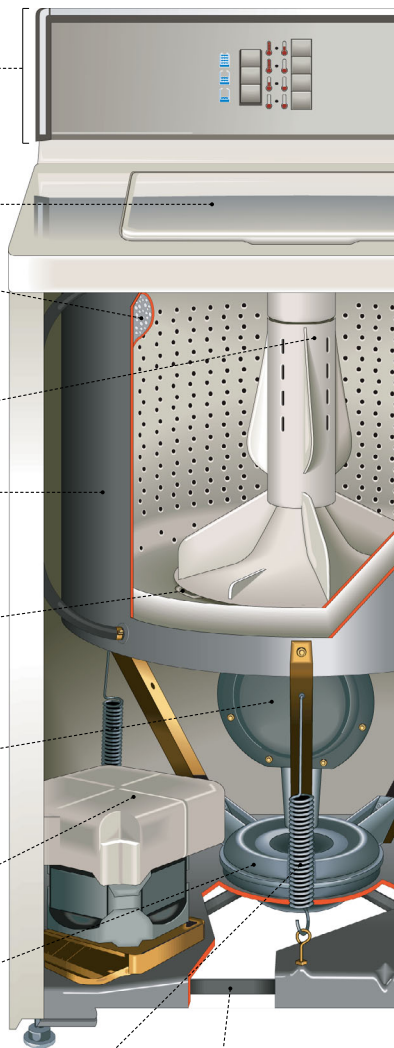
**transmission**  
Mechanism allowing the agitator and basket to turn at various speeds.

**motor**  
Device transforming electric energy into mechanical energy to drive another device.

**torque converter**  
Mechanism controlling and adjusting the agitator and basket action.

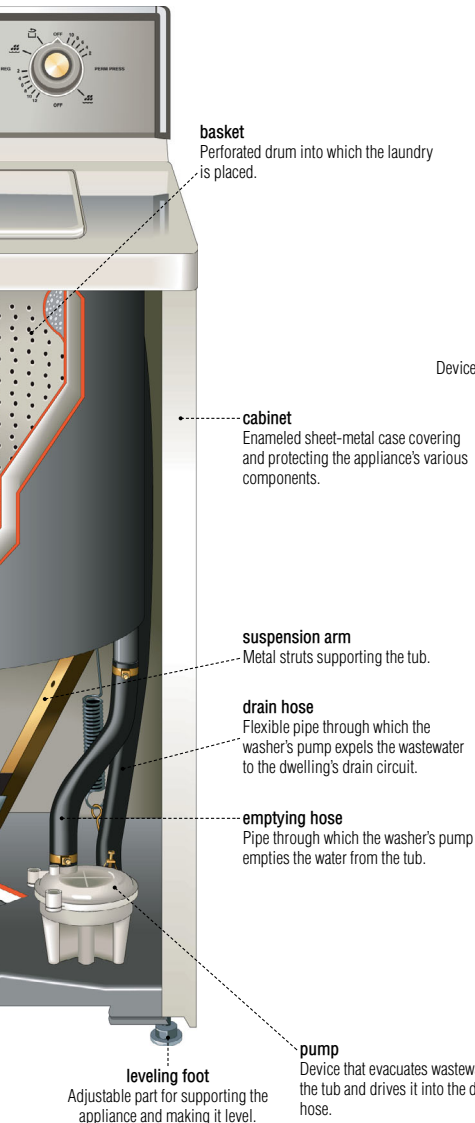
**spring**  
Metal elastic piece attached to the suspension arm to reduce tub vibrations.

**drive belt**  
Device using a system of pulleys to transfer the motor's mechanical energy to the washer's transmission.



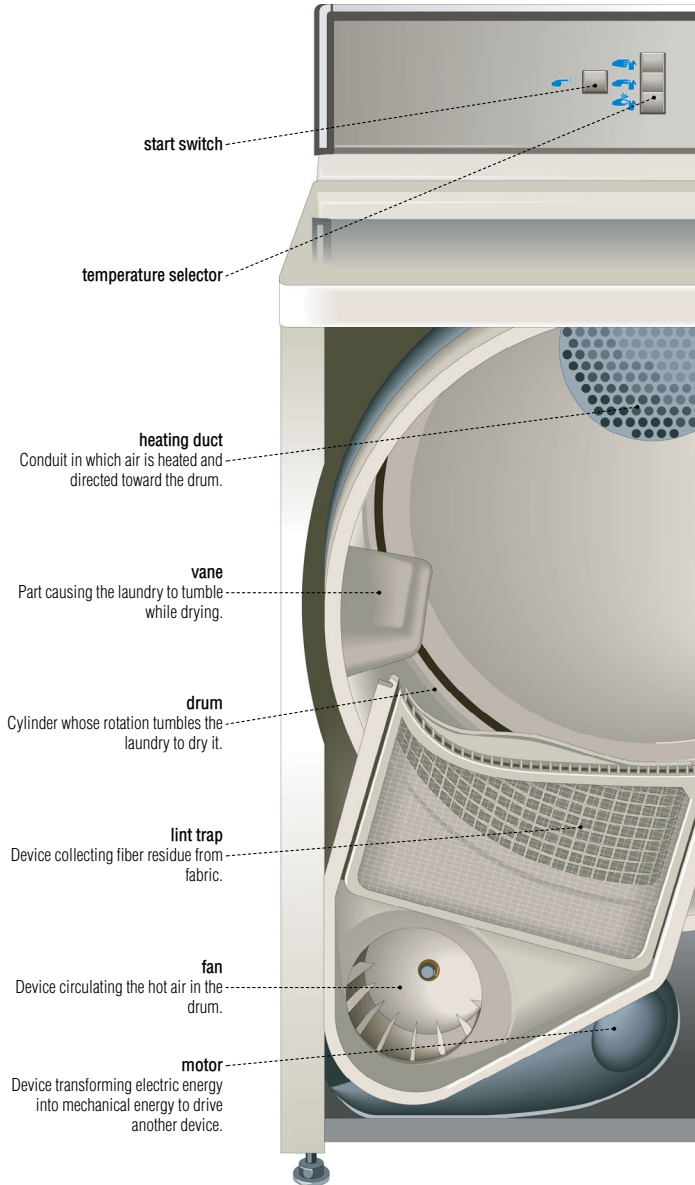
**front-loading washer**

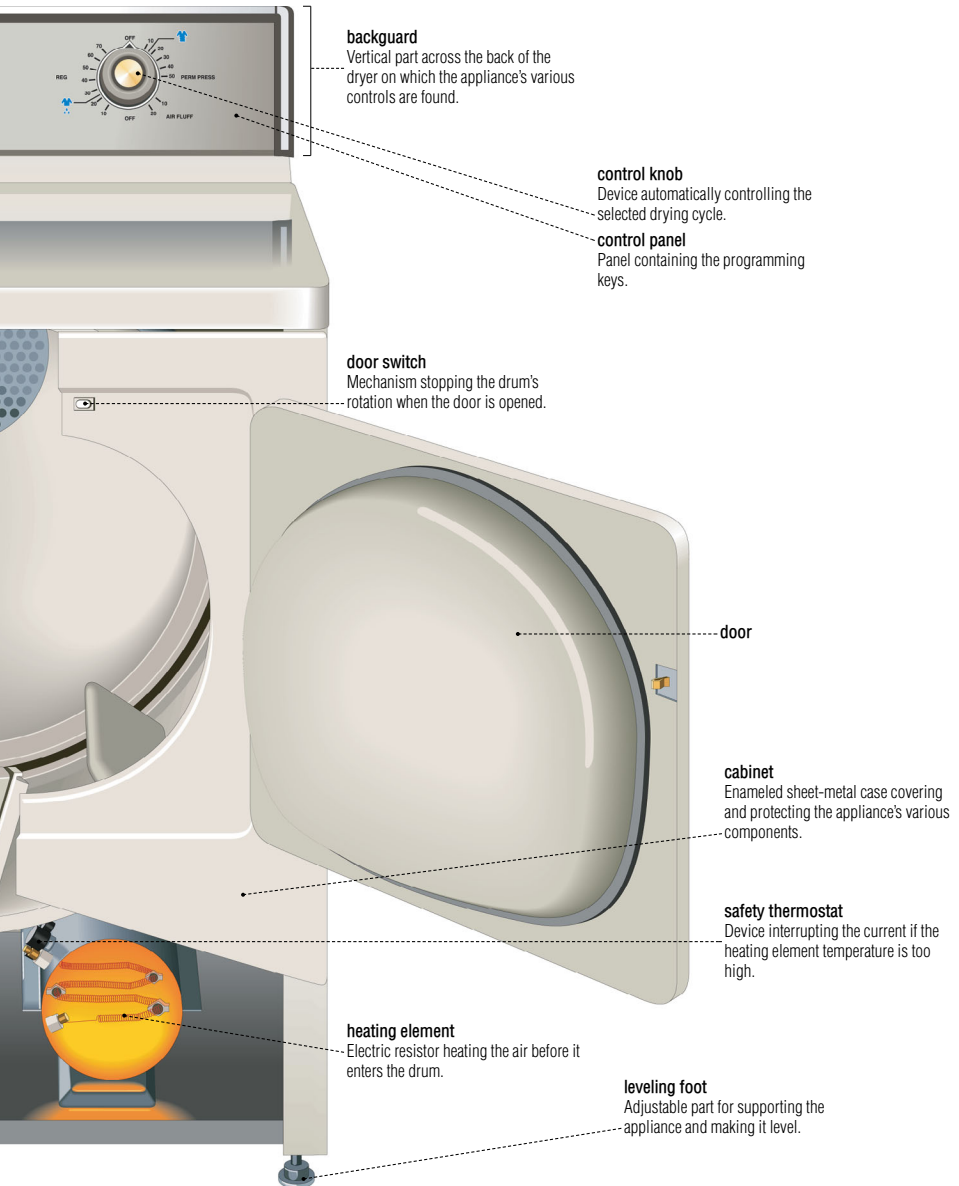
Home appliance that automatically washes laundry; access to the tub is via a door on the front of the appliance.



**electric dryer**

Appliance for automatically drying laundry.

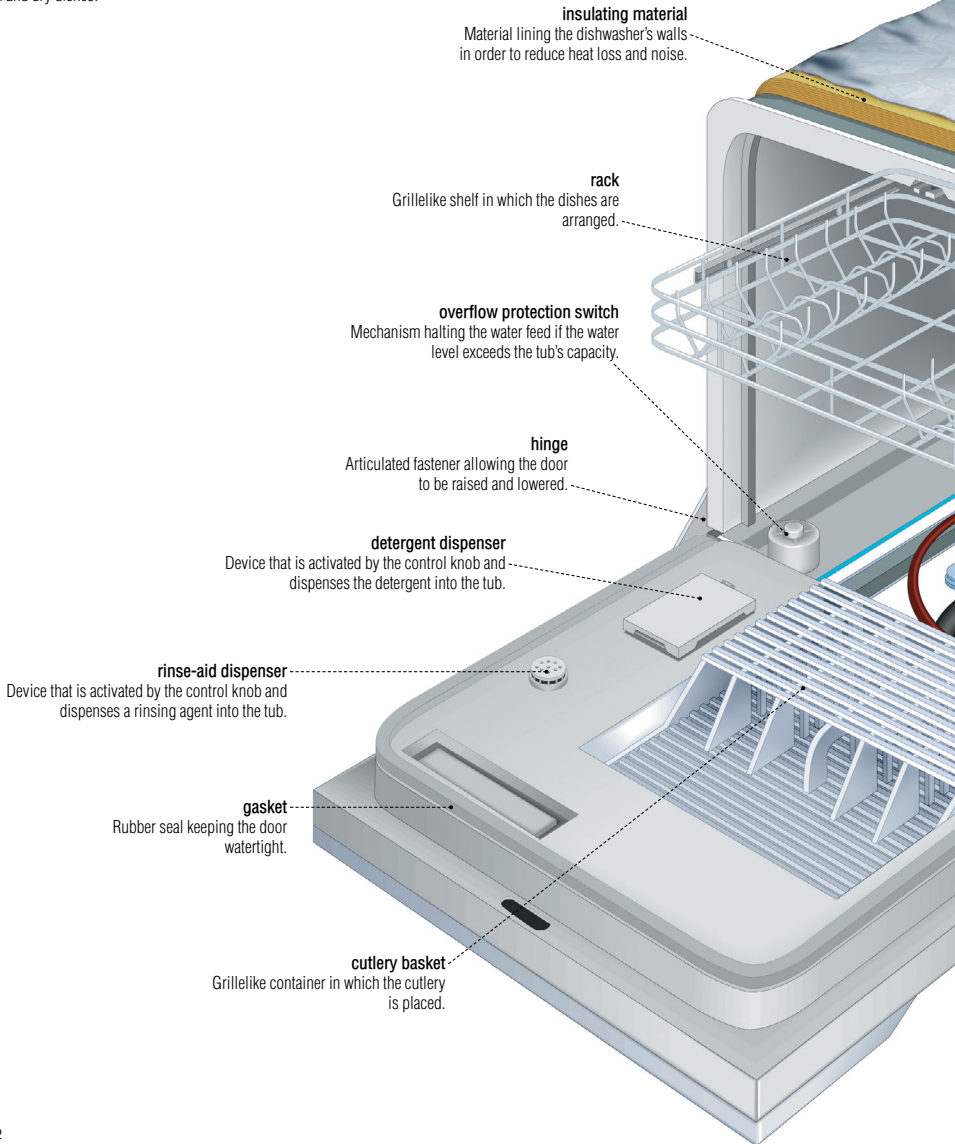


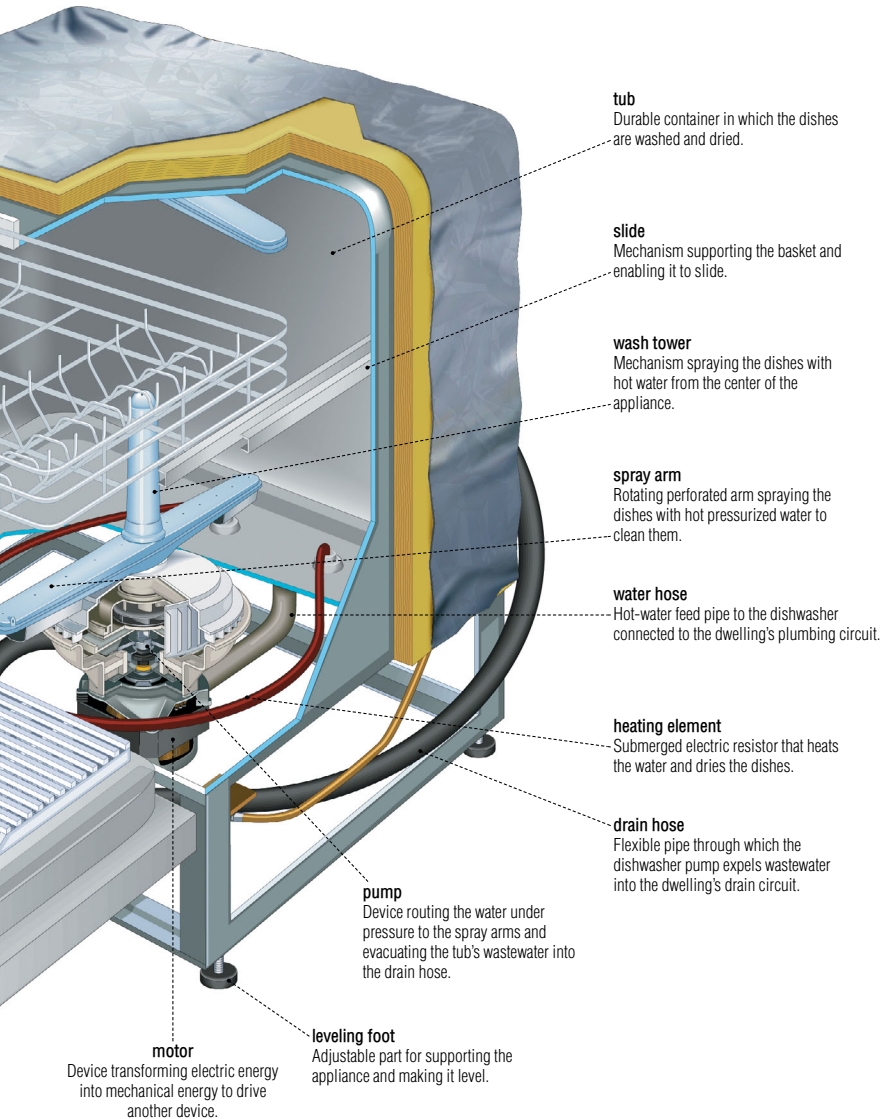


## domestic appliances

**dishwasher**

Appliance designed to automatically wash and dry dishes.





## household equipment

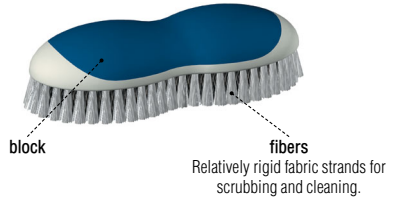
Objects used for cleaning a dwelling.

**scouring pad**

Object with one abrasive surface for cleaning and scouring, and a spongy surface for wiping objects and surfaces.

**brush**

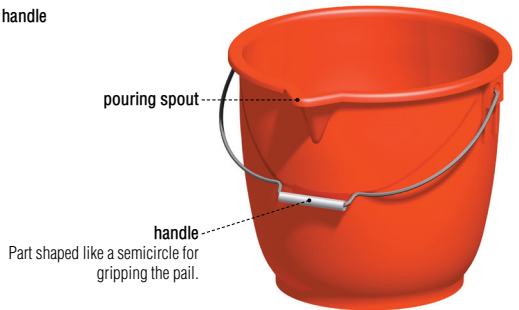
Utensil with fibers attached to a mounting used to scrub and clean.

**refuse container**

Container into which household trash is placed.

**pail**

Container for carrying water used for household chores.



**mop**

Instrument equipped with fabric strips attached to a handle for washing floors.

**kitchen towel**

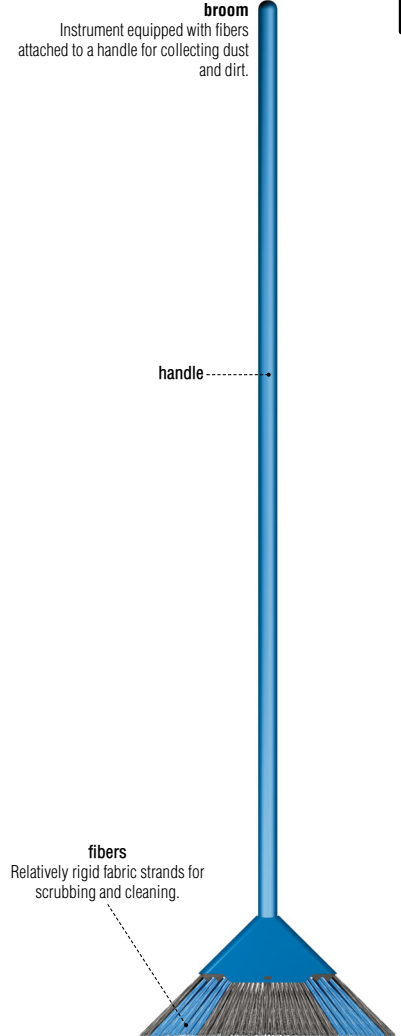
Piece of cloth used to dry dishes, furniture and so on.

**dustpan**

Instrument used to collect dust and dirt.

**broom**

Instrument equipped with fibers attached to a handle for collecting dust and dirt.



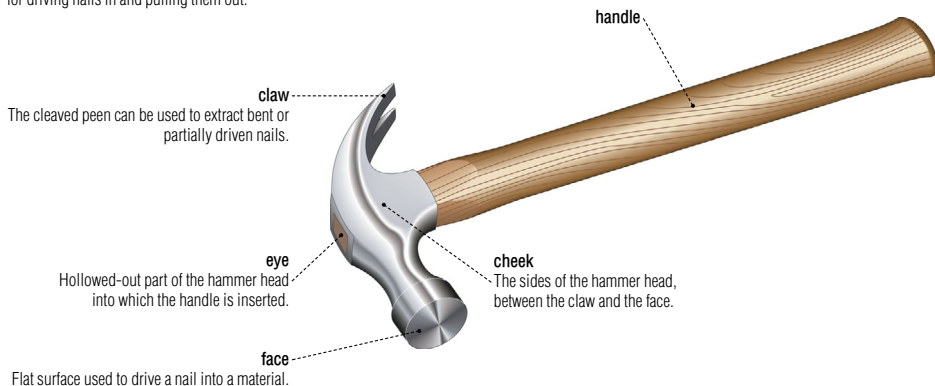


## carpentry: nailing tools

Carpentry: working with wood to build simple furniture or carry out construction and renovation projects.

**claw hammer**

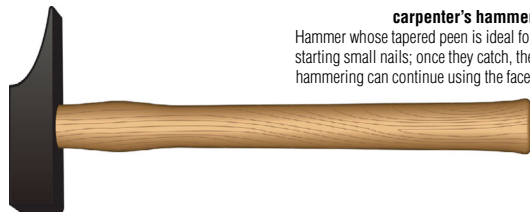
Cleaved-peen hammer much used in construction, for driving nails in and pulling them out.

**carpenter's hammer**

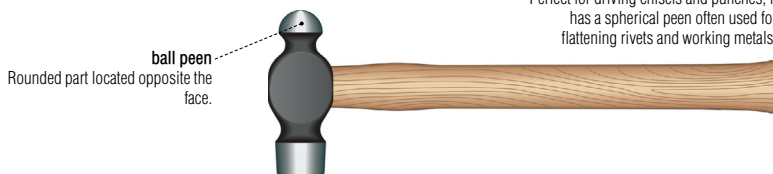
Hammer whose tapered peen is ideal for starting small nails; once they catch, the hammering can continue using the face.

**nail set**

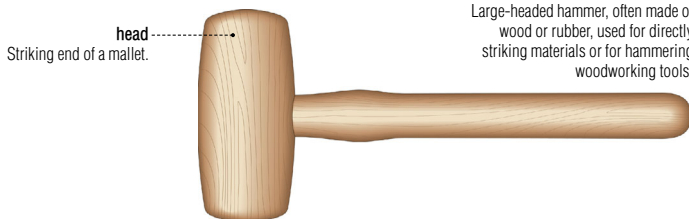
Tool used to push a nail completely into wood without damaging its surface.

**ball-peen hammer**

Perfect for driving chisels and punches, it has a spherical peen often used for flattening rivets and working metals.

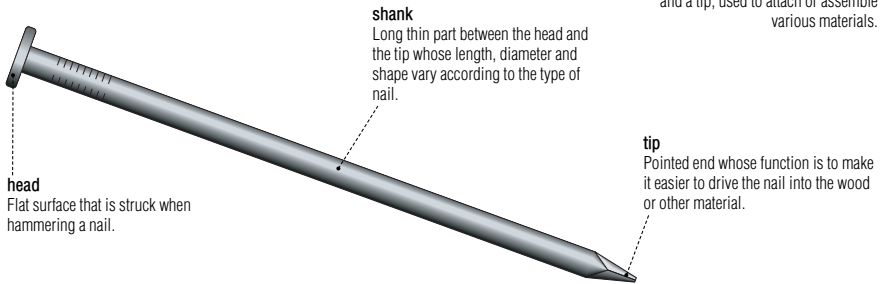
**mallet**

Large-headed hammer, often made of wood or rubber, used for directly striking materials or for hammering woodworking tools.



**nail**

Long metal part, usually with a head and a tip, used to attach or assemble various materials.

**examples of nails****tack**

Small wide-headed nail often used to affix carpets, fabric and other thin materials.

**common nail**

Sturdy wide-headed nail, used for general woodworking and carpentry.

**spiral nail**

Turns like a screw as it is hammered in; it reduces cracking and is hard to pull out.

**finishing nail**

The head, scarcely wider than the shank, can easily be hammered in and concealed; it is ideal for finishing work and moldings.

**masonry nail**

Made of hardened steel, it can be hammered into masonry without breaking or bending.

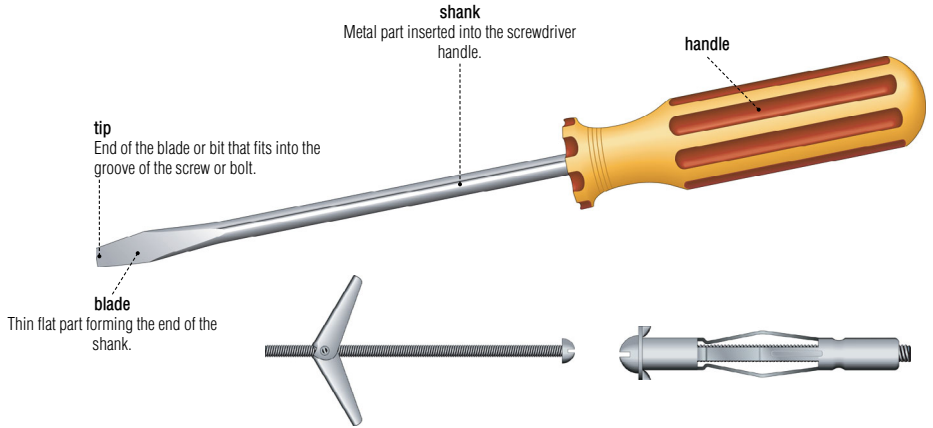
**cut nail**

The flat shank and head do not harm fibers; it is used especially for laying wood flooring.

## carpentry: screwing tools

**screwdriver**

Hand tool used for tightening or loosening screws and bolts by applying a rotating motion.

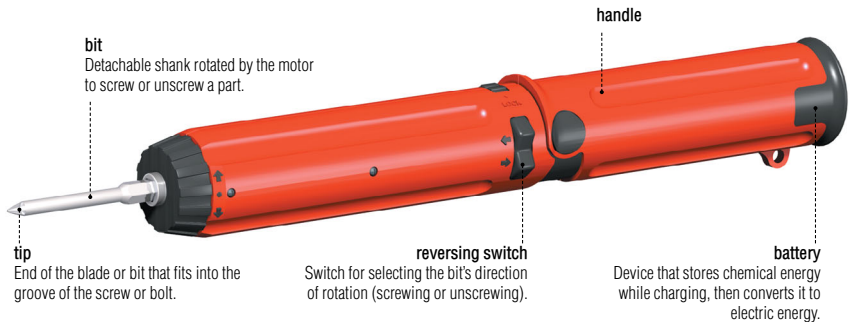


**toggle bolt**  
Part composed of a bolt with wings that deploy inside the wall to ensure a solid fastening.

**expansion bolt**  
Part composed of a bolt in a sheath that bends when the bolt is inserted, then flattens out against the inside of the wall.

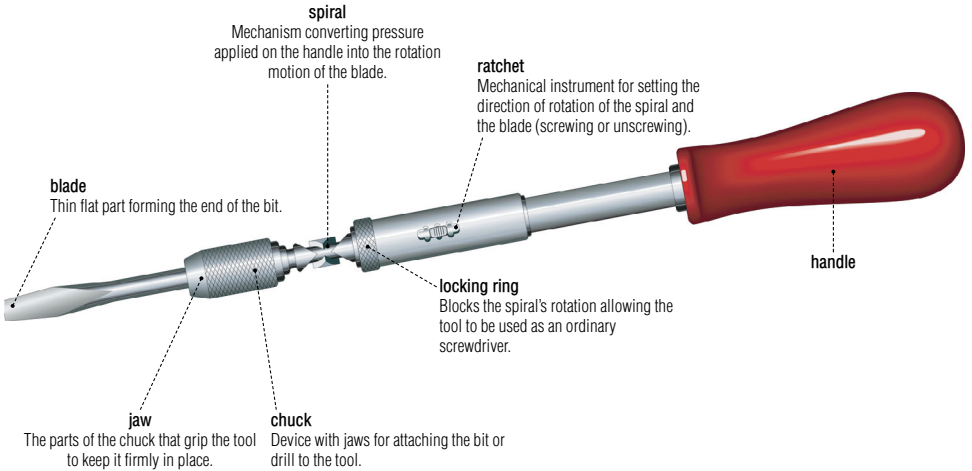
**cordless screwdriver**

Battery-driven screwdriver with interchangeable bits, used for tightening and loosening screws and bolts.



**spiral screwdriver**

Screwdriver with interchangeable bits fitted into a mechanism for screwing or unscrewing by simply pushing the handle.

**examples of tips**

Tip: end part of the blade or bit; it adapts to the screw or bolt's groove.

**square-headed tip**

Tip whose end cut fits into a socket-head screw.

**flat tip**

Tip that fits into a screw's slot.

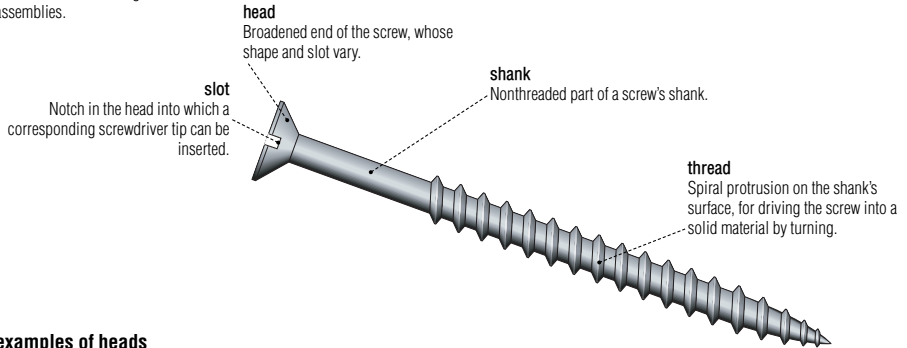
**cross-headed tip**

Tip whose crisscross end fits into a cross-headed screw.

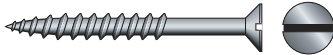
## carpentry: screwing tools

**screw**

Metal part, composed of a head and a partially or completely threaded shank, used to secure fastenings and assemblies.

**examples of heads**

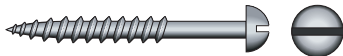
Head: broadened end of the screw, whose shape and slot vary.

**flat head**

Slotted head becoming flush with the surface of the wood when completely embedded.

**one-way head**

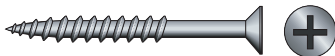
Slotted head having two opposing quarters removed so that the screw can be turned one way only, making it very difficult to unscrew.

**round head**

Slotted rounded head whose base is flat so that it presses against the wood or metal surface.

**oval head**

Slotted head topped with an ornamental spherical part that is not driven beneath the wood's surface.

**cross head**

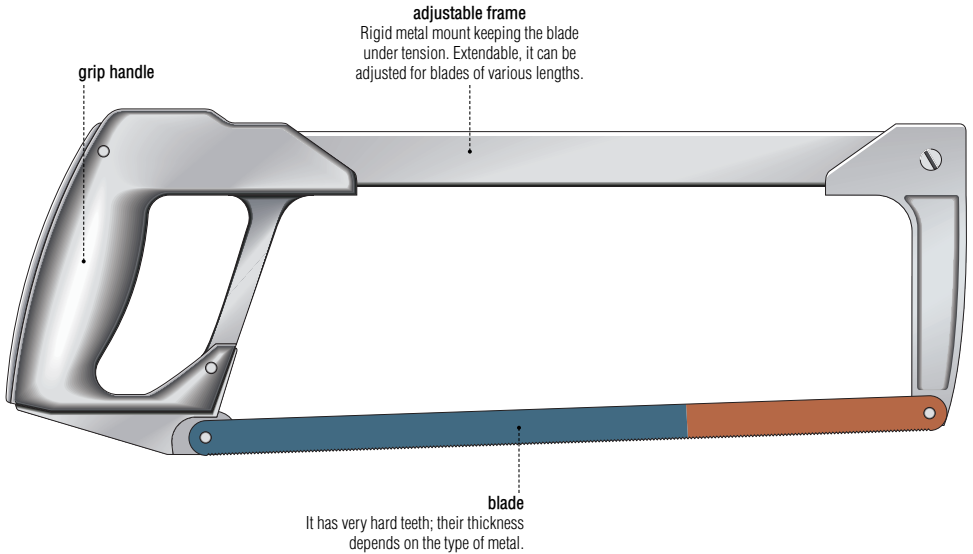
Head whose crisscross indentation keeps the screwdriver in the middle of the head, providing a very firm grip.

**socket head**

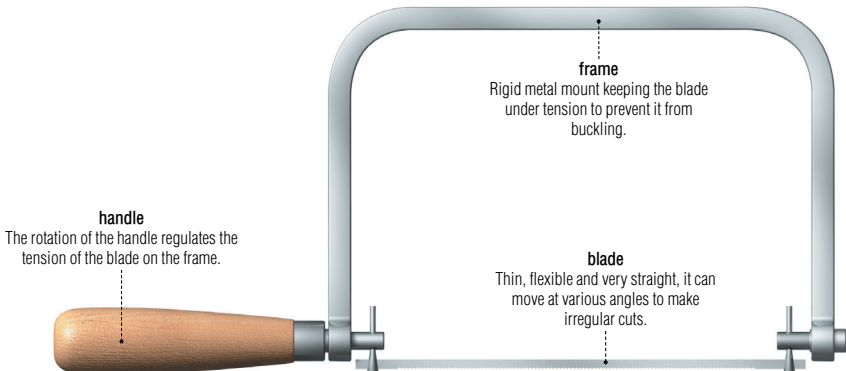
Head with a square socket that varies in size.

**hacksaw**

Frame handsaw for sawing metal of varying thicknesses.

**coping saw**

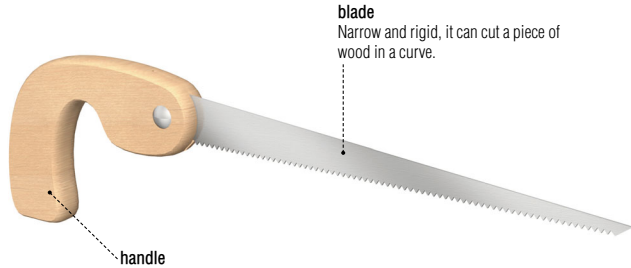
Small handsaw with a frame, used for cutting out curves or delicate patterns in a piece of relatively thin wood.



## carpentry: sawing tools

**compass saw**

Small handsaw used mostly to cut regular or curved openings in wood and panels.

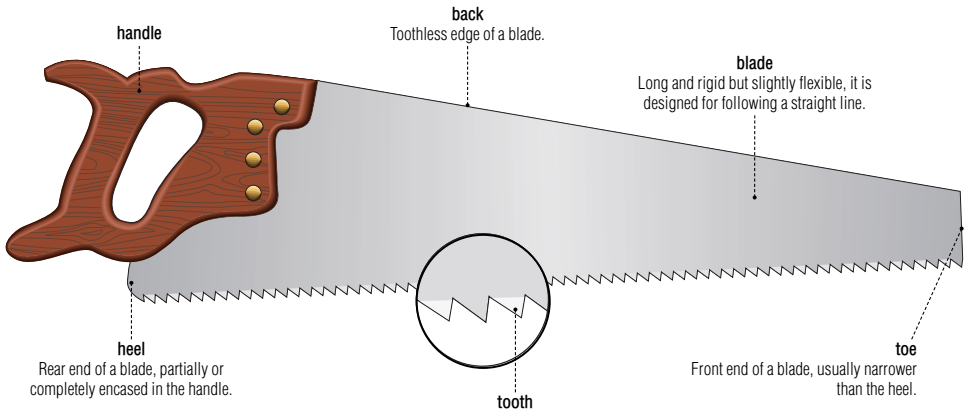
**blade**

Narrow and rigid, it can cut a piece of wood in a curve.

handle

**handsaw**

Very common manual saw, suited for straight cuts in boards or wood panels.



handle

**back**

Toothless edge of a blade.

**blade**

Long and rigid but slightly flexible, it is designed for following a straight line.

heel

Rear end of a blade, partially or completely encased in the handle.

**tooth**

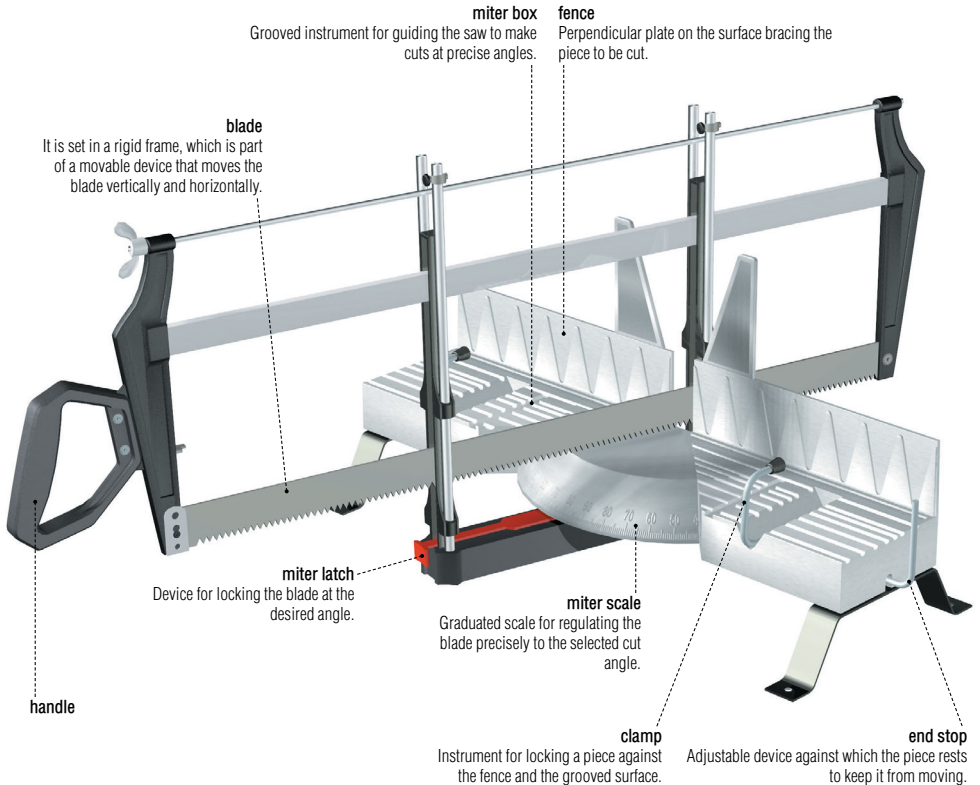
Small point forming the cutting part of the blade. Together, their number, shape and disposition vary depending on the intended use.

toe

Front end of a blade, usually narrower than the heel.

**hand miter saw**

Device consisting of a handsaw and a guide for cutting a piece at a precise angle.

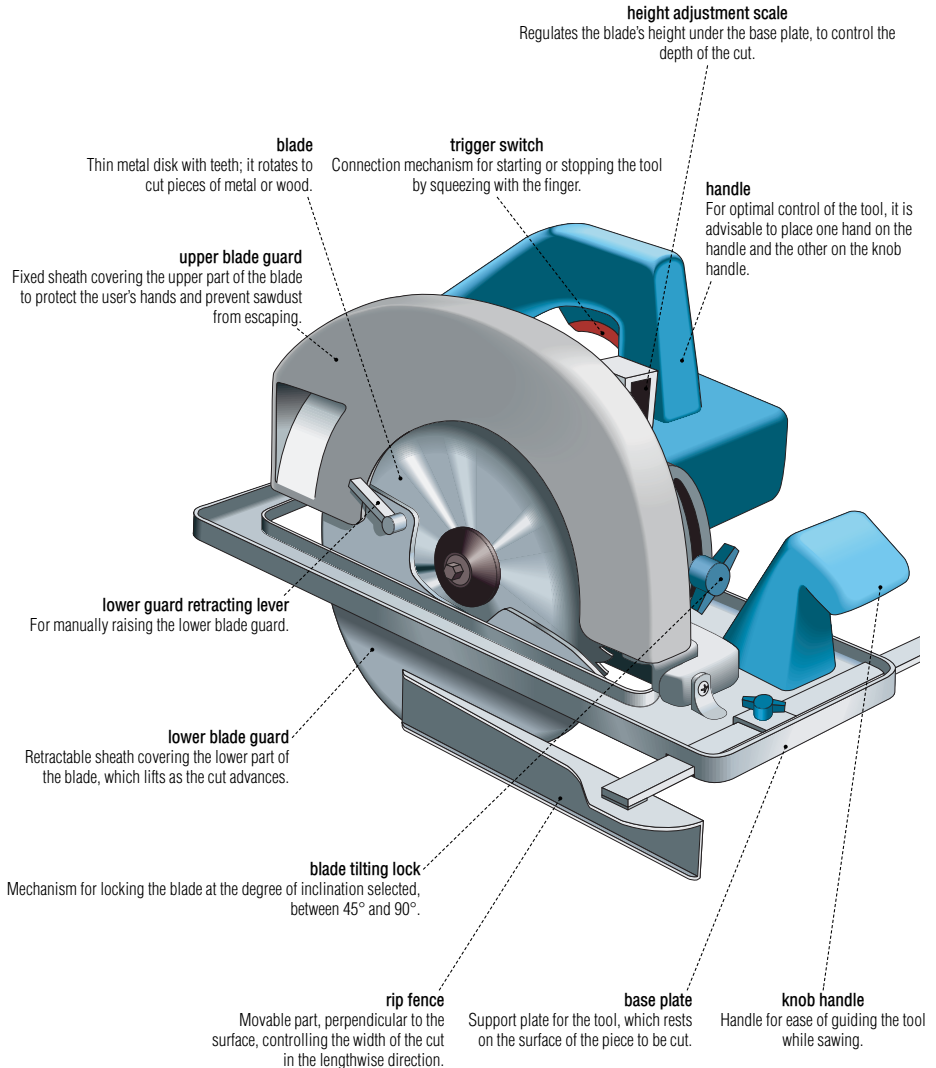




## carpentry: sawing tools

**circular saw**

Portable electric saw with a circular blade; it is used for making straight cuts in various materials.



**jig saw**

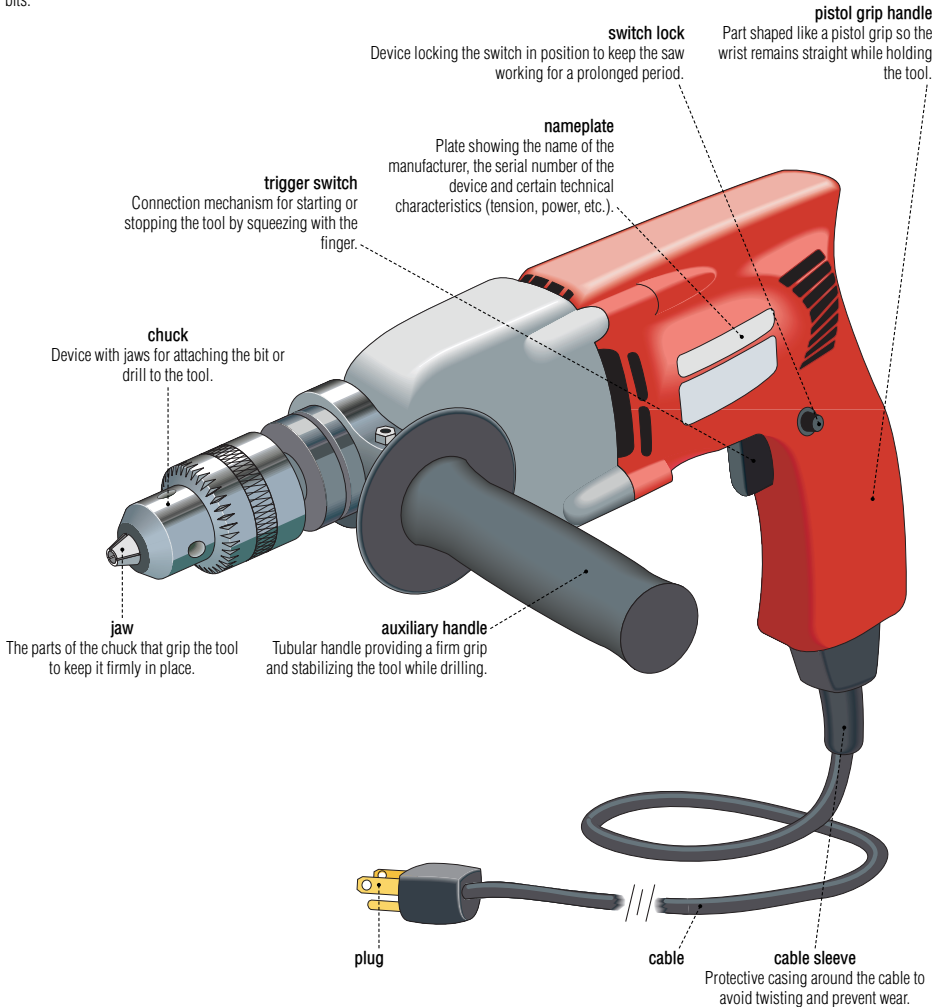
Electric portable saw whose blade has an up-and-down motion; it is used for making straight or curved cuts.



## carpentry: drilling tools

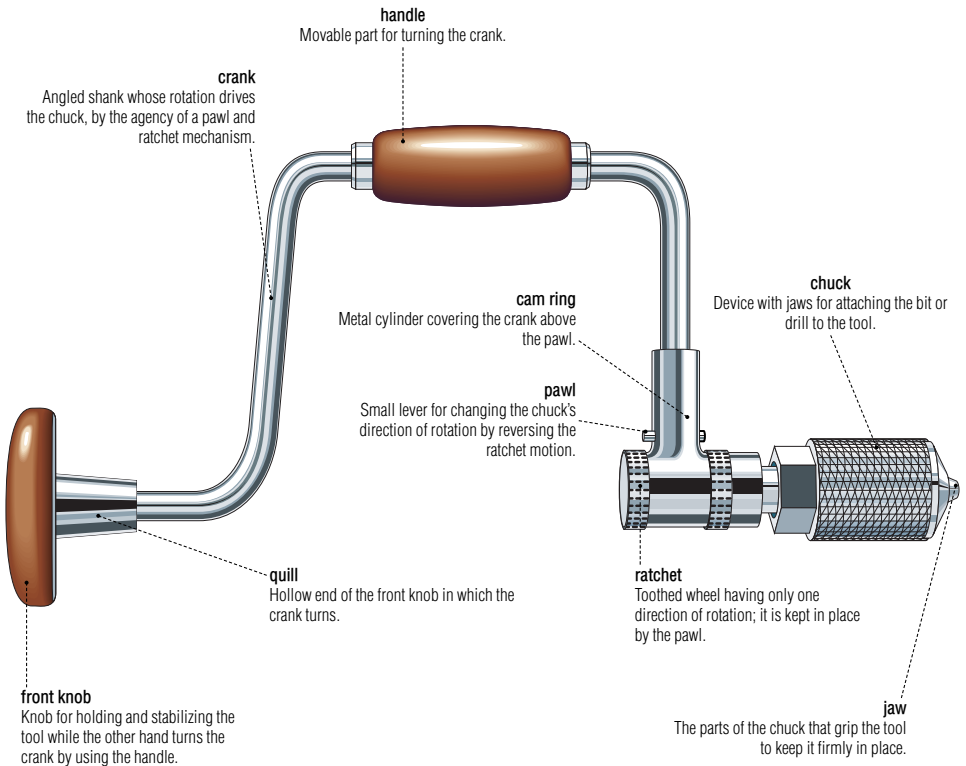
**electric drill**

Portable electric tool using variable-speed rotation to pierce holes and to drive drills and bits.



**brace**

Hand tool, made up of an angled crank and a pawl and ratchet mechanism, for drilling holes.



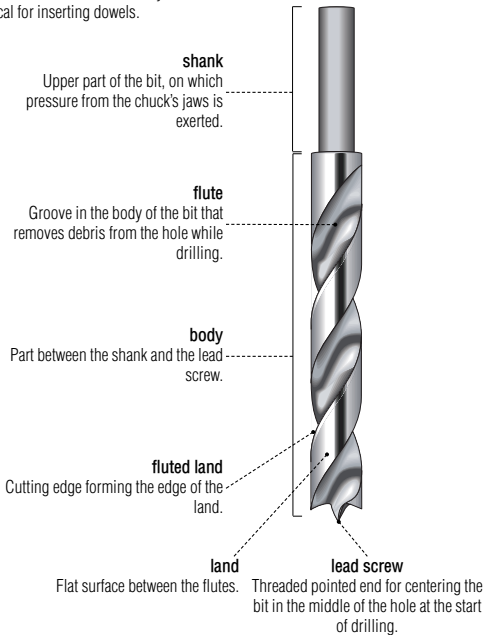
## carpentry: drilling tools

## examples of bits and drills

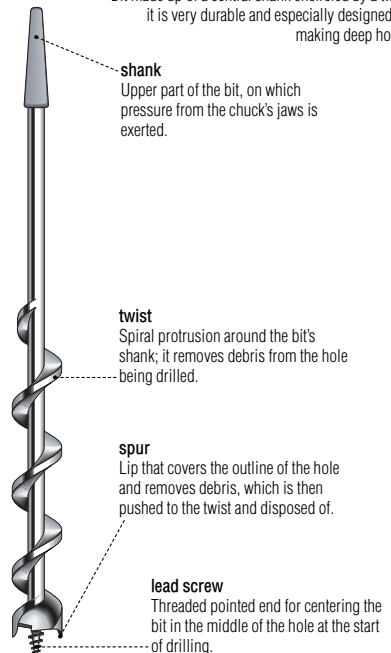
While both are intended for drilling holes in various materials, the bit has a center point while the drill ends in a cutting-edge cone.

**twist bit**

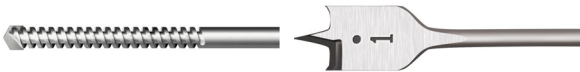
Bit with a spiral drill flute; it drills straight uniform holes and is very practical for inserting dowels.

**solid center auger bit**

Bit made up of a central shank encircled by a twist; it is very durable and especially designed for making deep holes.

**twist drill**

Usually used to drill holes in metal or wood, it is the most common type of drill.

**masonry drill**

The carbide and tungsten tip, hard and durable, is designed to drill through material such as brick, concrete and stone.

**spade bit**

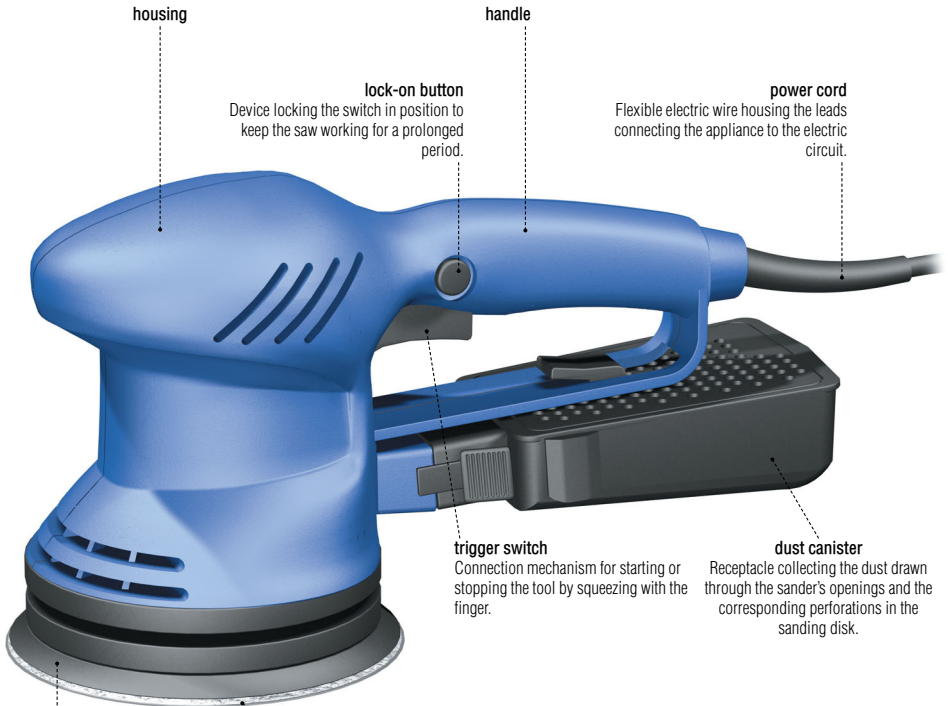
Bit designed for shallow holes of wide diameter; it has a long lead screw for positioning on the center of the hole.

**double-twist auger bit**

Bit made up of two opposing twists; it removes debris quickly as the hole is drilled.

**random orbit sander**

Portable electric tool whose abrasive disk moves two ways (rotating and eccentric) to sand various types of surface.



**housing**

**handle**

**lock-on button**

Device locking the switch in position to keep the saw working for a prolonged period.

**power cord**

Flexible electric wire housing the leads connecting the appliance to the electric circuit.

**trigger switch**

Connection mechanism for starting or stopping the tool by squeezing with the finger.

**dust canister**

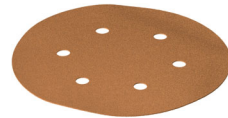
Receptacle collecting the dust drawn through the sander's openings and the corresponding perforations in the sanding disk.

**sanding pad**

Cushion to which the sanding disk is attached. Usually made of flexible material, it is used for sanding flat and curved surfaces.

**sanding disk**

Paper, usually perforated and self-adhesive, that fits the sander's sanding pad.

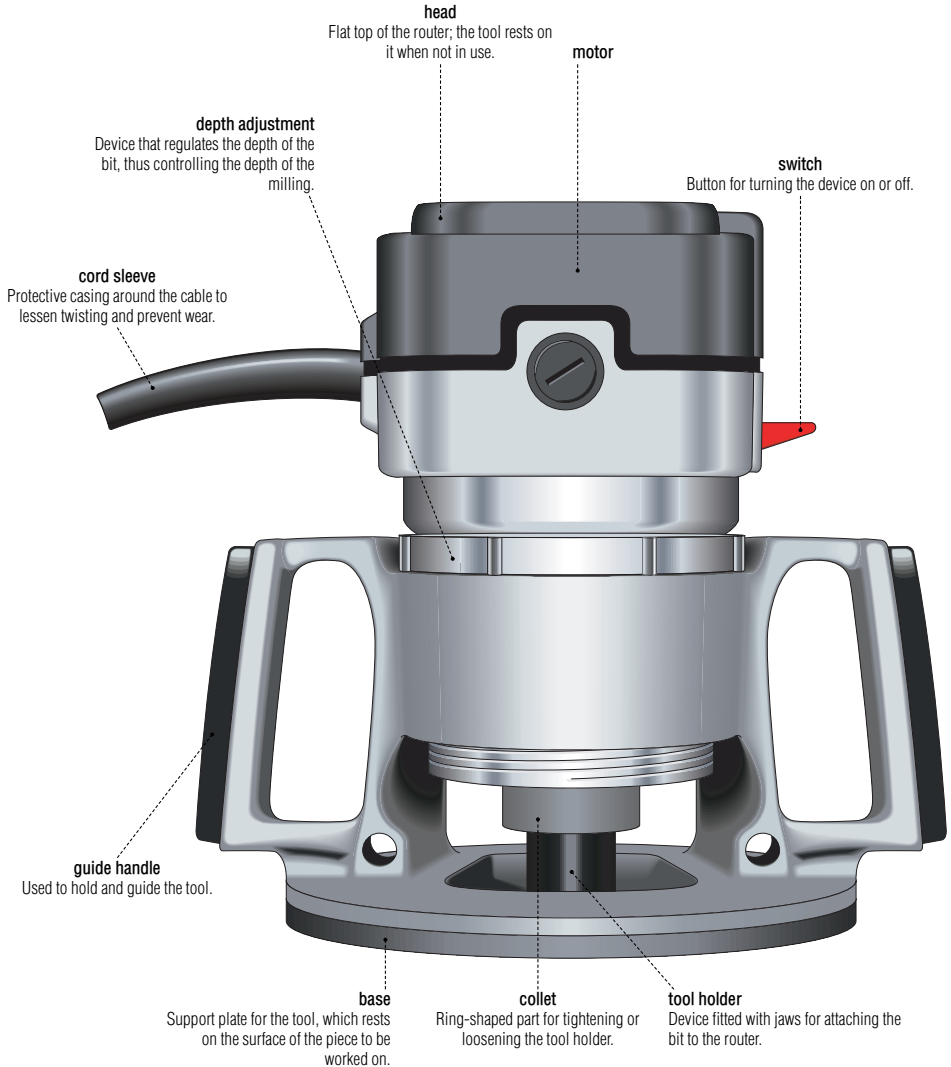
**sanding disk**

Paper, usually perforated and self-adhesive, that fits the sander's sanding pad.

## carpentry: shaping tools

**router**

Portable electric tool using rotating bits to mill moldings, grooves and wood joints.



**examples of bits**

Bits: detachable tools fitted with edges or abrasive parts; a router applies a rotating motion on them to mill a piece of work.

**rounding-over bit**

Depending on the way it is positioned, it is a bit for rounding the edge of a piece of wood or for making a convex molding with a shoulder.

**core box bit**

Bit usually used to mill grooves in wood in the shape of semicircles.

**dovetail bit**

Bit for making cuts shaped like a dove's tail, often used in joining drawers.

**cove bit**

Bit used especially for concave moldings or for cutting articulating joints for a gate-leg table.

**rabbet bit**

Bit for cutting an edge at right angles, used especially for making frames and for various cabinetmaking joints.

**chamfer bit**

Bit for beveling edges at a 45° angle to create decorative edges and joints.



## carpentry: shaping tools

**plane**

Hand tool with a cutting blade, intended mainly for planing a wood surface or to give it a shape (e.g., beveled, chamfered).

**lateral-adjustment lever**

Device for aligning the cutting edge of the blade with the plane of the sole.

**wedge lever**

Lever for holding or releasing the assembly made up of the lever cap, blade and cap iron.

**depth-of-cut adjustment knob**

Screw for controlling the motion of the blade in relation to the sole; this determines the depth of the cut.

**lever cap**

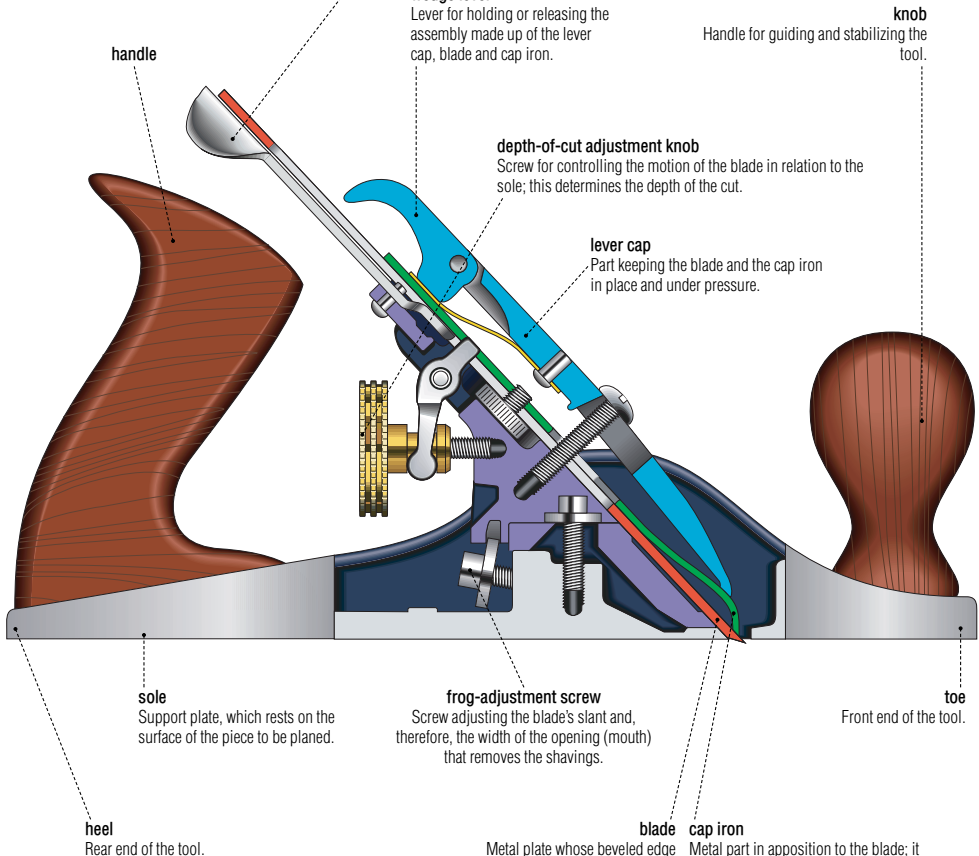
Part keeping the blade and the cap iron in place and under pressure.

**frog-adjustment screw**

Screw adjusting the blade's slant and, therefore, the width of the opening (mouth) that removes the shavings.

**blade cap iron**

Metal plate whose beveled edge constitutes the cutting edge of the plane. Metal part in apposition to the blade; it breaks off the wood shavings to facilitate their removal.



Handle for guiding and stabilizing the tool.

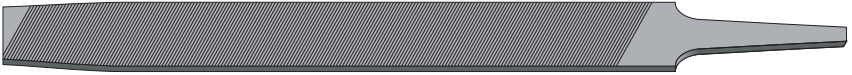
Support plate, which rests on the surface of the piece to be planed.

Rear end of the tool.

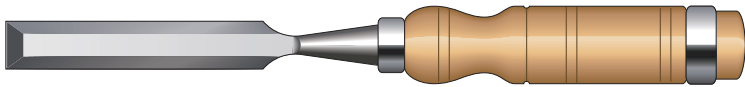
Front end of the tool.

**file**

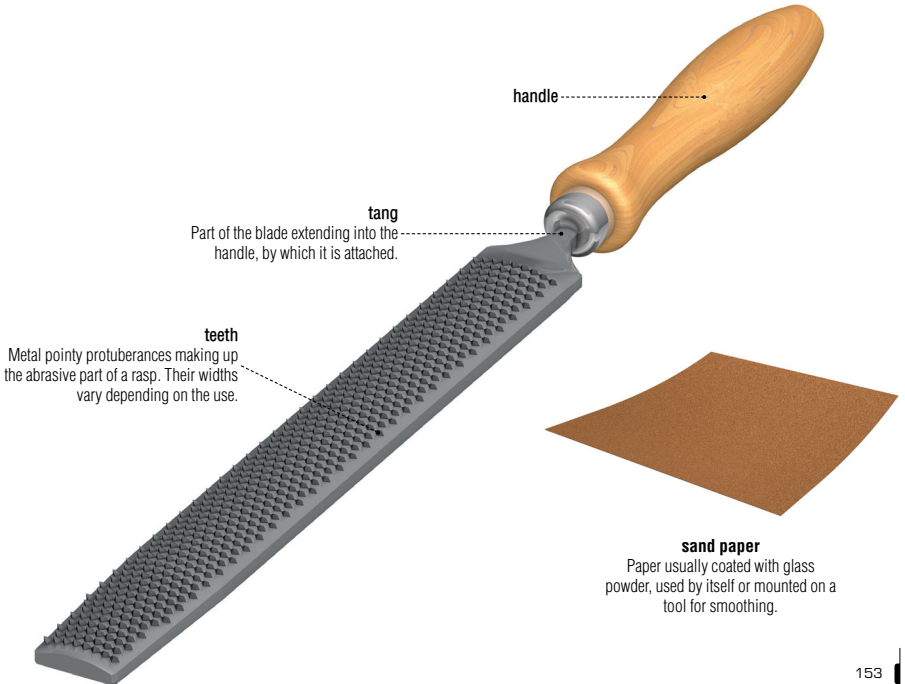
Hand tool made up of a metal blade whose striated surface allows for pieces of wood, metal or plastic to be smoothed, altered or burnished.

**wood chisel**

Hand tool with a metal blade whose end is beveled for woodworking.

**rasp**

Hand tool made up of a metal blade whose tooth-covered surface can quickly rough out wood, metal or plastic.



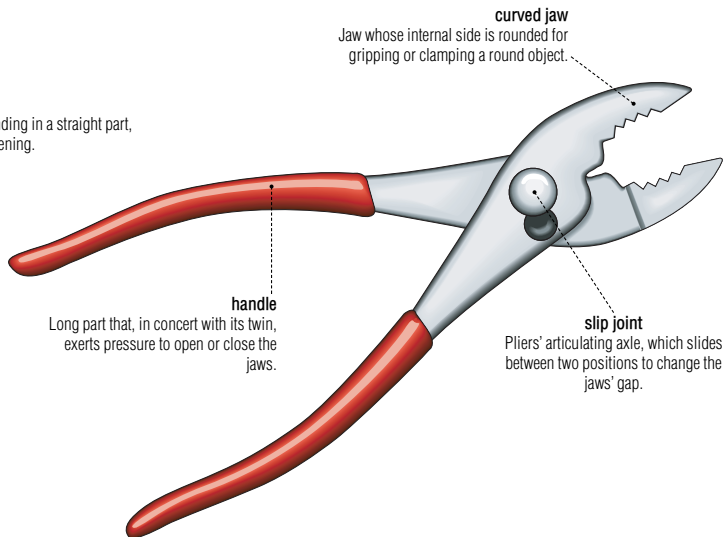
## carpentry: gripping and tightening tools

**pliers**

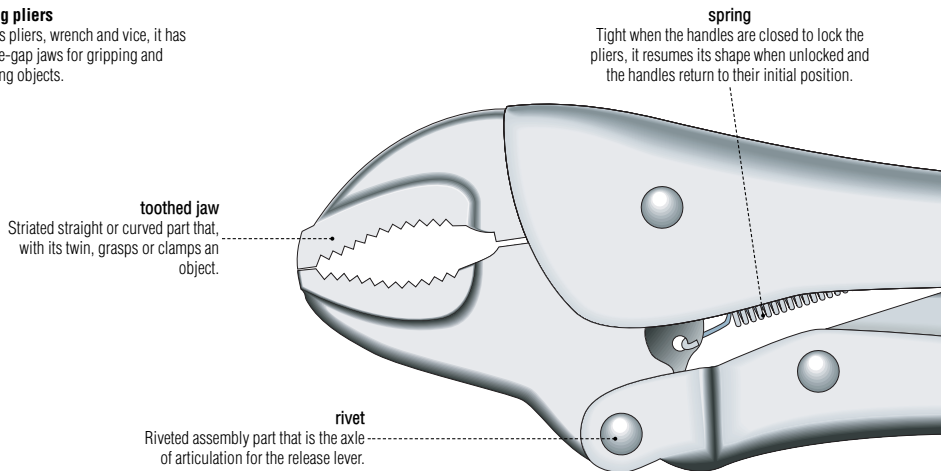
Hand tools with two movable jaws of fixed or variable gaps, intended for gripping or clamping objects.

**slip joint pliers**

Pliers with curved jaws and ending in a straight part, adjustable to two widths of opening.

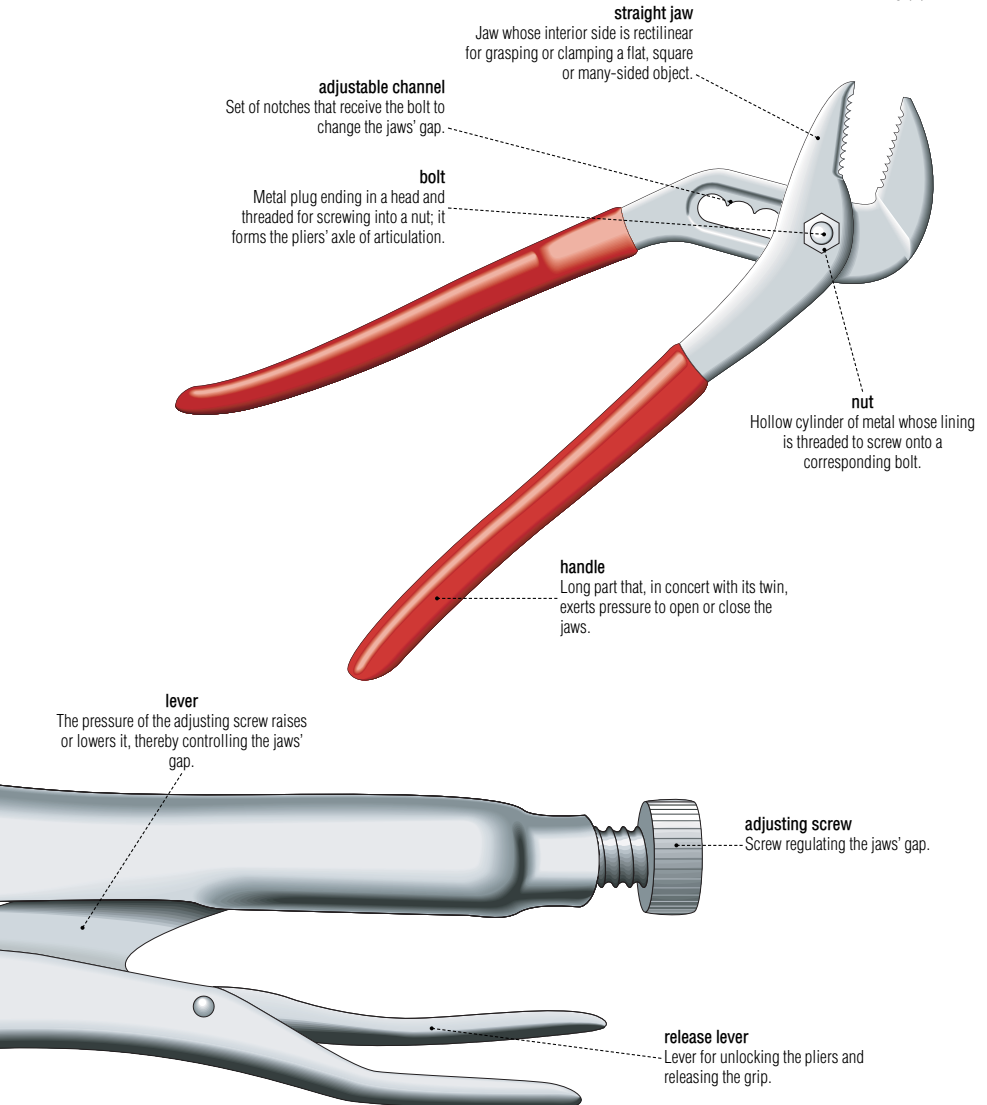
**locking pliers**

Used as pliers, wrench and vice, it has variable-gap jaws for gripping and clamping objects.



**rib joint pliers**

Pliers with straight jaws, adjustable to several gap positions.



## carpentry: gripping and tightening tools

**wrenches**

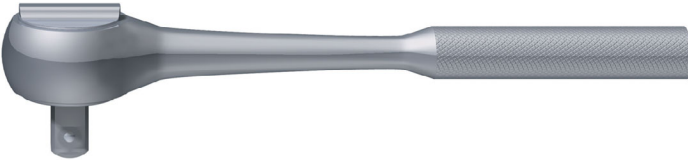
Hand tools with fixed or variable openings, used for tightening and loosening nuts and bolts, and for assembling and disassembling objects.

**socket set**

Set made up of hollow cylinders of different sizes and interior profiles that fit onto a ratchet socket wrench.

**ratchet socket wrench**

Wrench fitted with a pawl and a ratchet; the pawl sets the direction of rotation, while the ratchet lets the handle turn in the opposite direction over the socket.

**open end wrench**

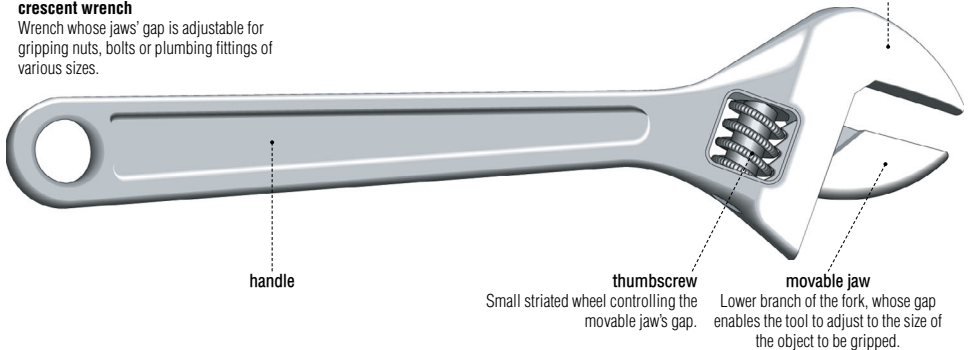
Wrench with two openings of different sizes, each having parallel jaws.

**box end wrench**

Wrench that is usually bent and has two many-sided rings of different sizes; it grips the nut more firmly than the open end wrench.

**creasant wrench**

Wrench whose jaws' gap is adjustable for gripping nuts, bolts or plumbing fittings of various sizes.

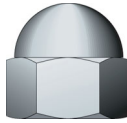


**nuts**

Metal parts with holes whose surfaces are threaded for screwing onto the corresponding bolts.

**hexagon nut**

Most common nut; it has six sides for tightening with a wrench.

**acorn nut**

Nut capped with a hollow dome that covers and protects the threaded end of the bolt.

**wing nut**

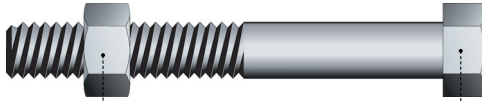
Nut comprised of two protruding ends for tightening or loosening by hand.

**bolts**

Metal plugs ending in a head and threaded so they can be tightly screwed into nuts to secure fastenings and assemblies.

**bolt**

Metal threaded plug ending in a head; it is tightly screwed into a nut to secure fastenings and assemblies.

**nut**

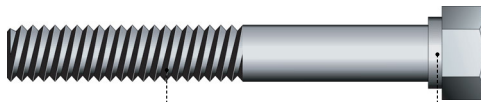
Hollow cylinder of metal whose lining is threaded to screw onto a corresponding bolt.

**head**

Widened end of the bolt, of various shapes and sizes.

**shoulder bolt**

Bolt whose head comprises a section of smaller diameter for concentrating the tightening pressure.

**threaded rod**

Elongated part whose surface has a spiral protrusion for screwing into a corresponding nut.

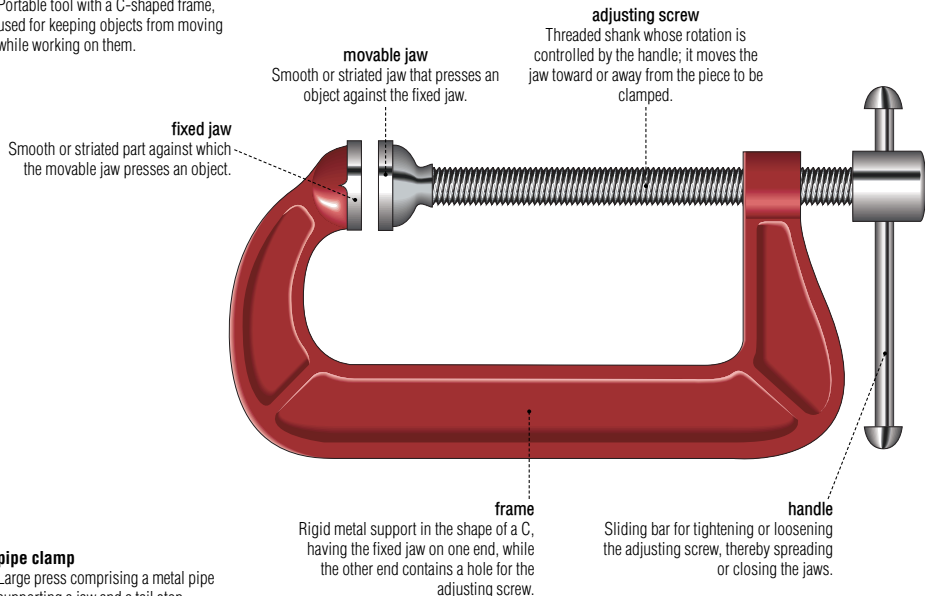
**shoulder**

Cylindrical nonthreaded protrusion used as a bracket as the bolt is being tightened.

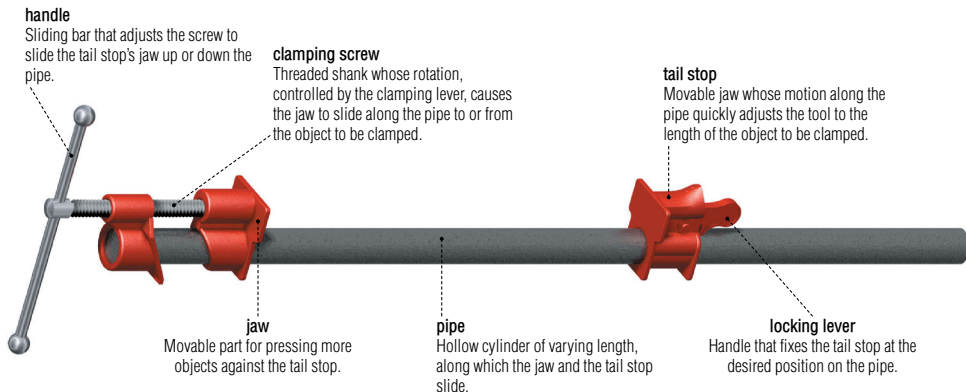
## carpentry: gripping and tightening tools

**C-clamp**

Portable tool with a C-shaped frame, used for keeping objects from moving while working on them.

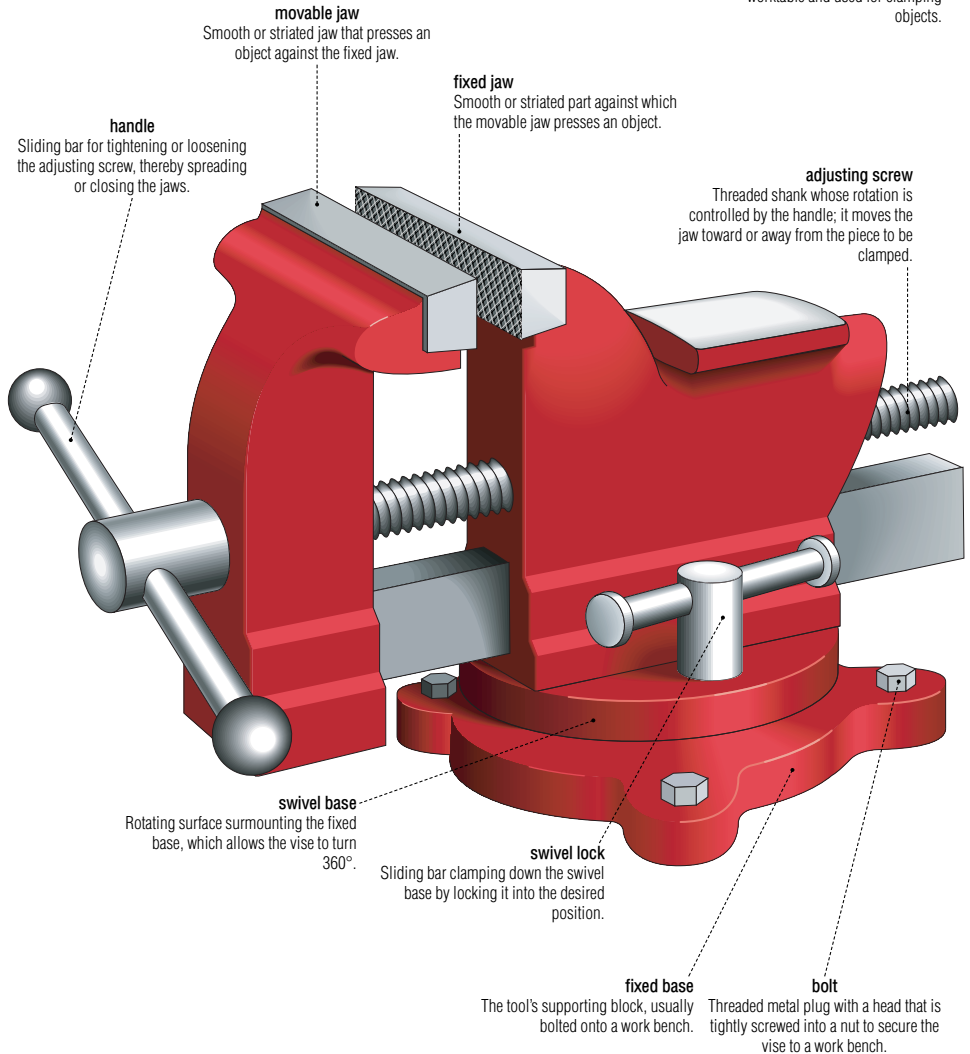
**pipe clamp**

Large press comprising a metal pipe supporting a jaw and a tail stop.



**vise**

Press with two jaws; it is attached to a worktable and used for clamping objects.





## carpentry: measuring and marking tools

**framing square**

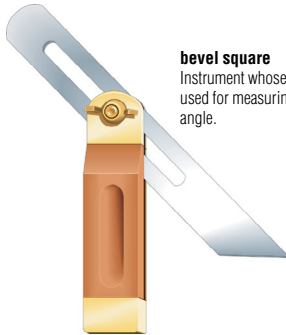
Instrument, usually graduated, used for marking right angles and to check that joints and cuts are perpendicular.

**spirit level**

Instrument fitted with tubes containing a liquid and an air bubble that, when placed between two points of reference, shows whether a surface is level, vertical or at 45°.

**bevel square**

Instrument whose movable arms are used for measuring or for marking an angle.

**tape measure**

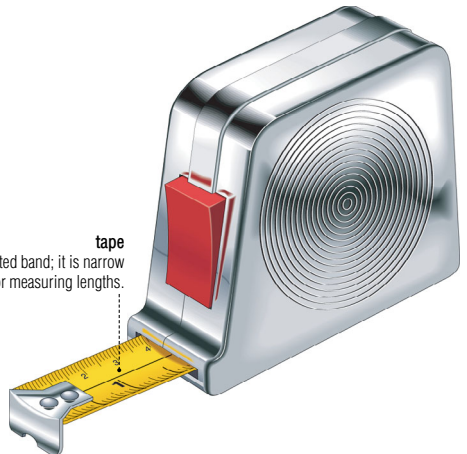
Instrument for determining length made up of a graduated, flexible tape of variable length that rolls up inside a case.

**chalk line**

Instrument consisting of a cord that rewinds into a case filled with chalk powder; it is used for marking straight lines.

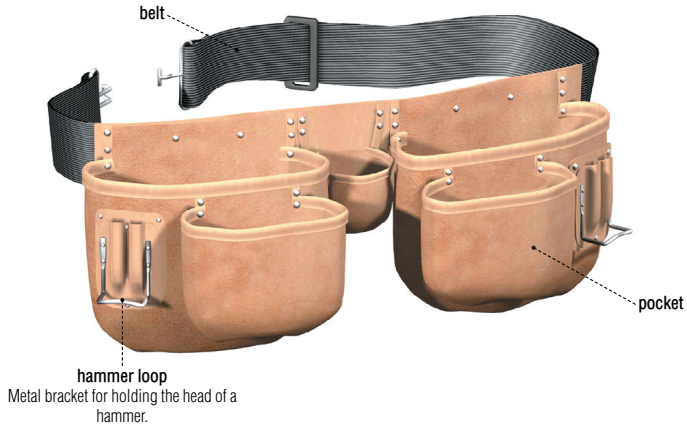
**tape**

Thin metal graduated band; it is narrow and flexible for measuring lengths.

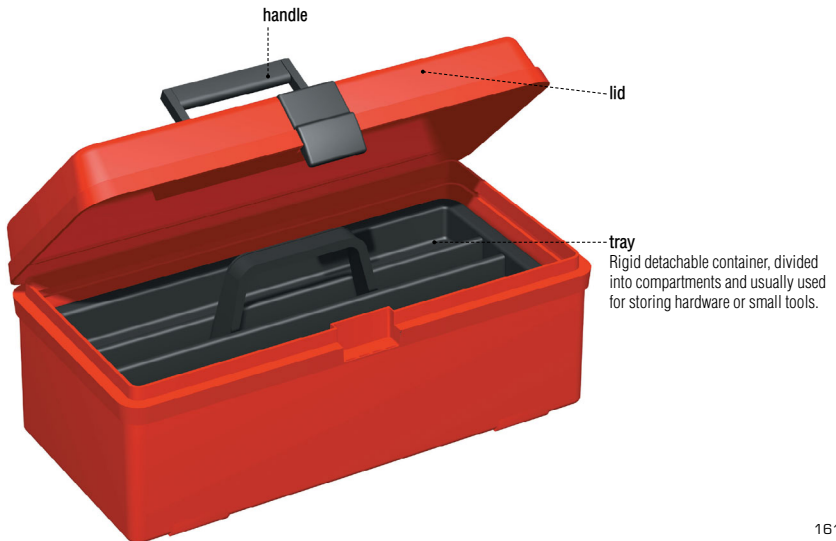


**tool belt**

Band worn around the waist, fitted with pockets and accessories for holding tools and instruments needed close at hand.

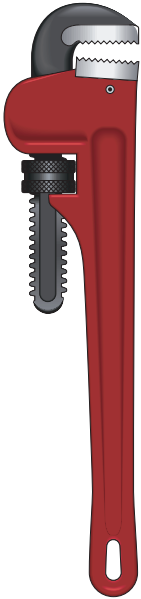
**tool box**

Rigid container, fitted with a cover and a tray, for storing and carrying tools.



## plumbing tools

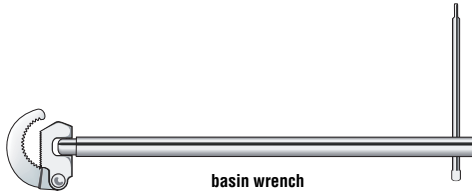
The purpose of plumbing is to install, maintain and repair a dwelling's pipes and sanitary fixtures.

**pipe wrench**

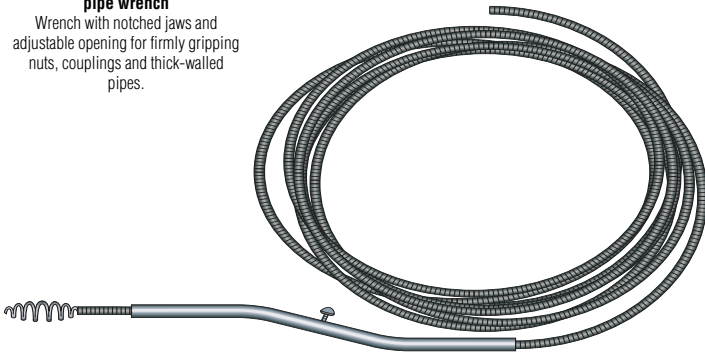
Wrench with notched jaws and adjustable opening for firmly gripping nuts, couplings and thick-walled pipes.

**Teflon® tape**

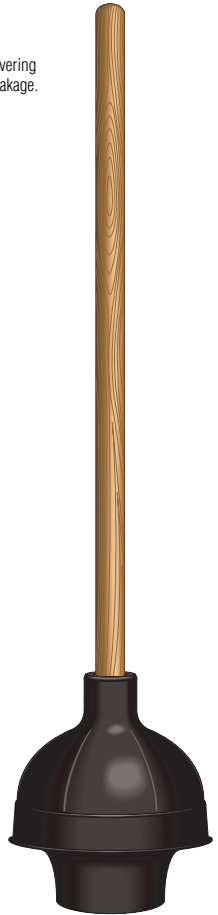
Flexible waterproof ribbon for covering threaded pipe joints to prevent leakage.

**basin wrench**

Wrench whose jaws are perpendicular to a telescoping handle, and pivot to open at variable positions; it is used for working in cramped spaces.

**plumber's snake**

Metal semirigid auger whose end is usually fitted with a hook or corkscrew; it is used for unblocking pipes.

**plunger**

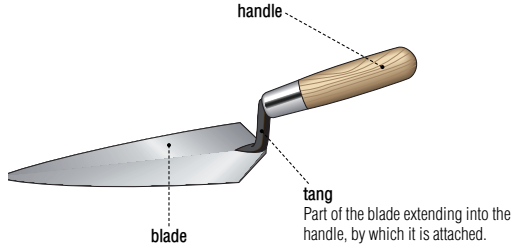
Rubber funnel-shaped instrument, attached to the end of a handle, for unblocking toilets, sinks and other drains.

The purpose of masonry is to build and repair structures or to cover walls with brick, stone or concrete blocks.



### square trowel

Tool with a rectangular blade, usually used for smoothing plaster and small concrete surfaces.



### mason's trowel

Tool with a trapezoidal blade, used mainly for spreading and smoothing mortar and concrete.



### joint filler

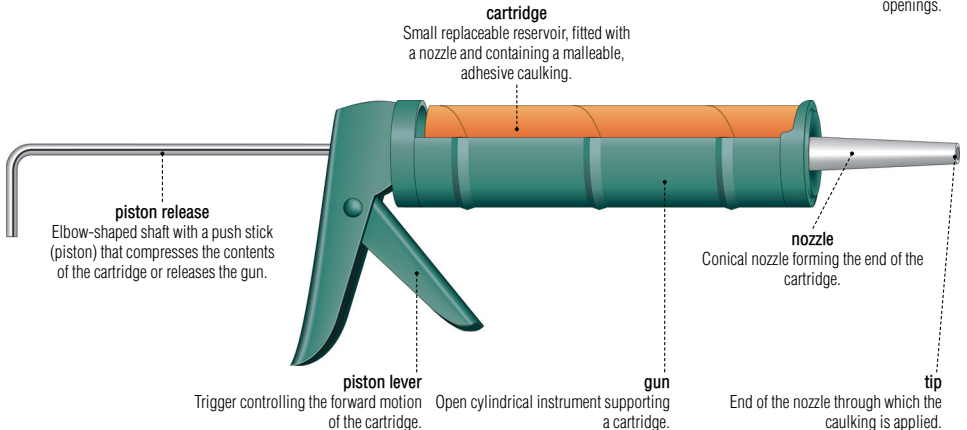
Tool whose fine blade is used to smooth noticeable joints in a facing.

**blade**  
Slightly curved, for placing mortar on the desired spot.

**handle**

**tang**

Part of the blade extending into the handle, by which it is attached.



### caulkung gun

Instrument using a piston mechanism for applying caulking to seal joints and openings.

### cartridge

Small replaceable reservoir, fitted with a nozzle and containing a malleable, adhesive caulking.

### piston release

Elbow-shaped shaft with a push stick (piston) that compresses the contents of the cartridge or releases the gun.

### piston lever

Trigger controlling the forward motion of the cartridge.

**gun**  
Open cylindrical instrument supporting a cartridge.

### nozzle

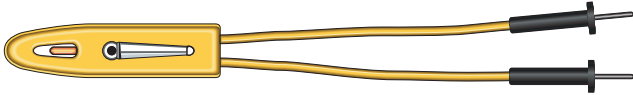
Conical nozzle forming the end of the cartridge.

### tip

End of the nozzle through which the caulking is applied.

## electricity tools

The purpose of the electrical trade is to install, maintain and repair electrical wiring and devices in a place or building.

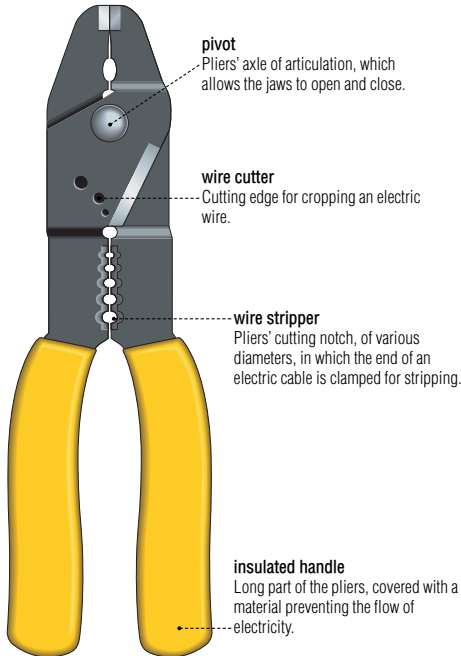


### neon tester

Instrument used for detecting the presence of an electric current in low-voltage appliances, devices and circuits.

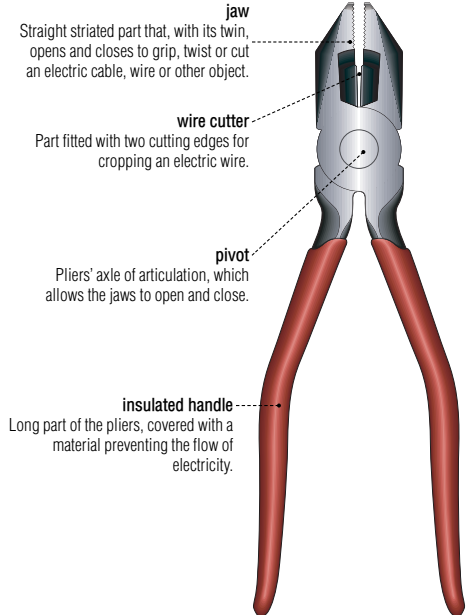
### multipurpose tool

Pliers fitted with straight jaws, used especially for gripping, cutting and stripping electric wires.



### lineman's pliers

Pliers fitted with straight jaws that provide a powerful grip; they also include a wire cutter and jaws for pulling fish wire.

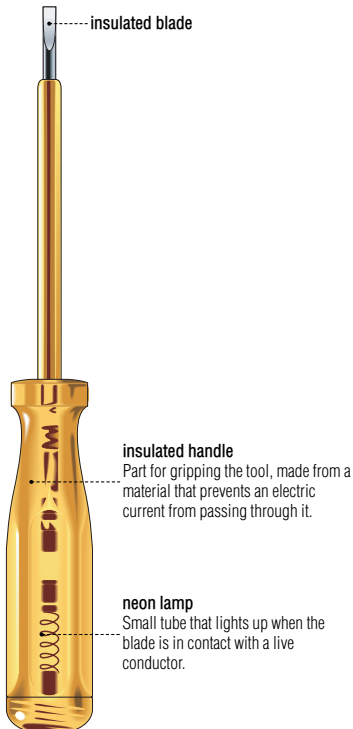


**receptacle analyzer**

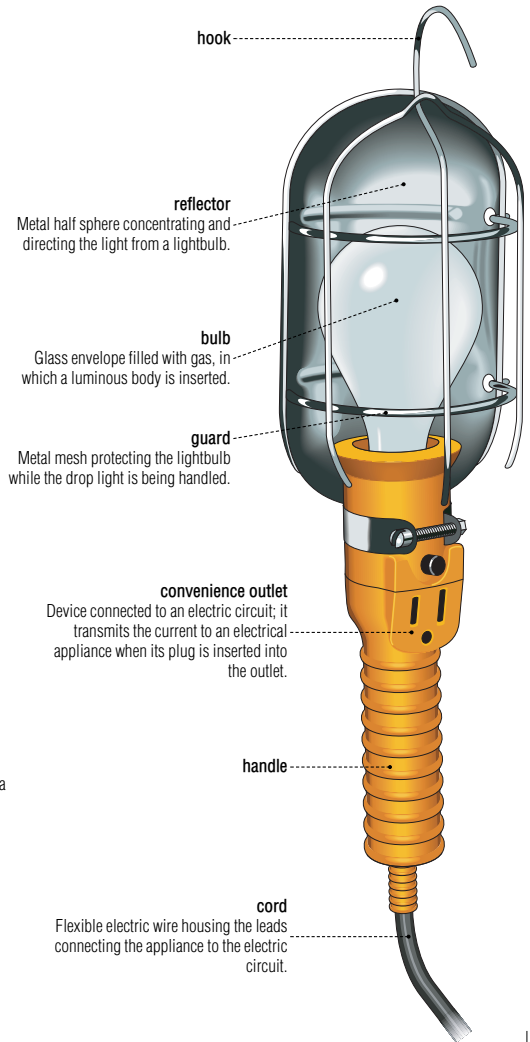
Instrument for detecting any faults in the receptacle, such as grounding problems and crossed or unconnected wires.

**voltage tester**

Screwdriver used for detecting an electric current in appliances, devices and low-voltage circuits.

**drop light**

Portable electric lamp protected by a guard and fitted with a long cord allowing it to be moved.

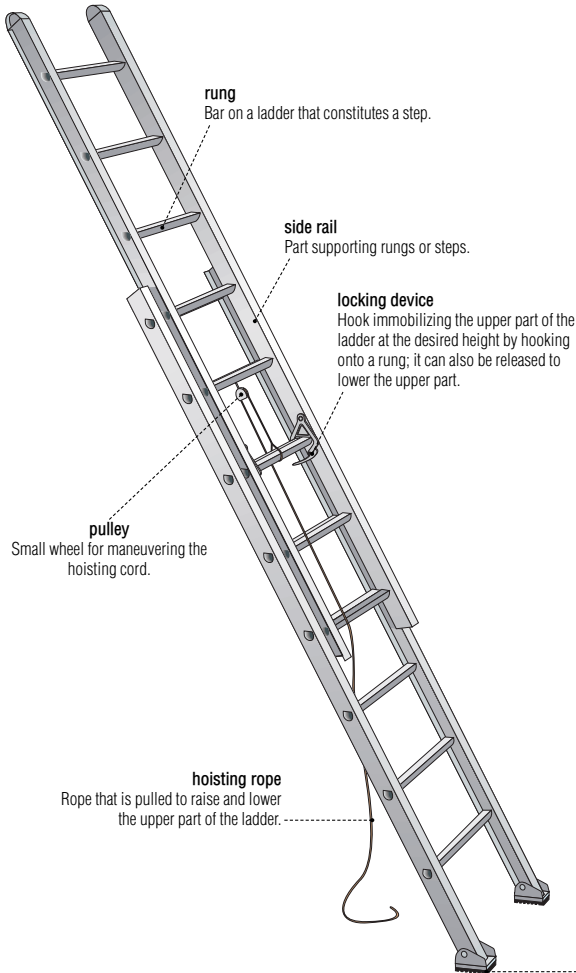


## ladders and stepladders

Movable devices of wood or metal, composed of rungs or steps and used to reach relatively high areas.

### extension ladder

Straight ladder of adjustable height, made up of two superimposed planes that slide one on the other.



### rolling ladder

Movable ladder fitted with a platform and a safety rail; it can be moved on wheels equipped with blocking devices.

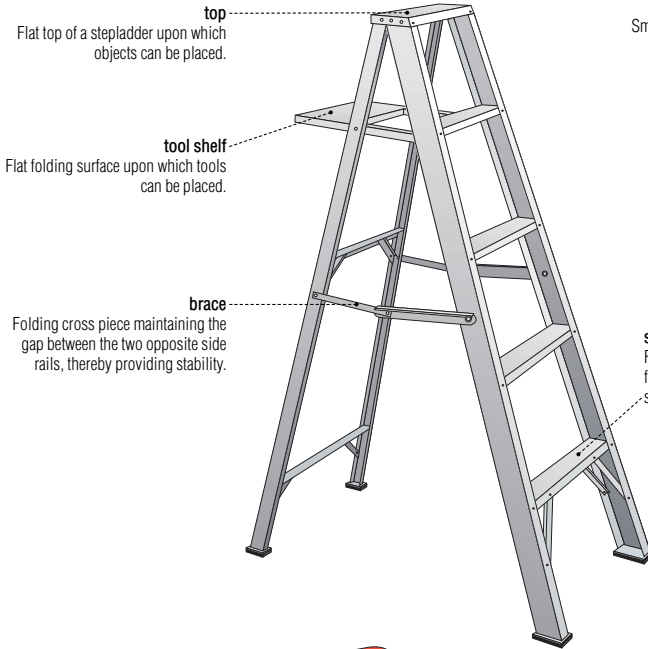


### antislip shoe

Part attached to the bottom end of the side rail to prevent slipping.

**stepladder**

Small ladder, often folding, that is usually composed of three to six steps.



**top**

Flat top of a stepladder upon which objects can be placed.

**tool shelf**

Flat folding surface upon which tools can be placed.

**brace**

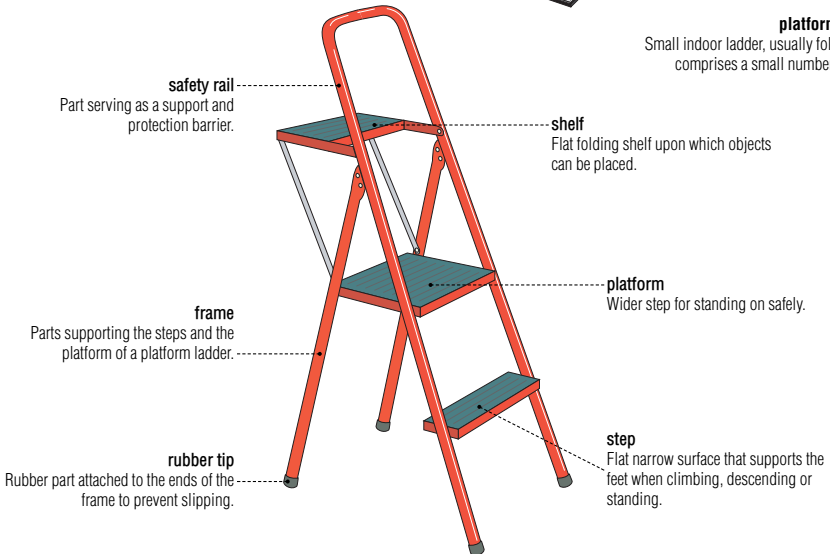
Folding cross piece maintaining the gap between the two opposite side rails, thereby providing stability.

**step**

Flat narrow surface that supports the feet when climbing, descending or standing.

**platform ladder**

Small indoor ladder, usually folding, that comprises a small number of steps.



**safety rail**

Part serving as a support and protection barrier.

**shelf**

Flat folding shelf upon which objects can be placed.

**platform**

Wider step for standing on safely.

**frame**

Parts supporting the steps and the platform of a platform ladder.

**rubber tip**

Rubber part attached to the ends of the frame to prevent slipping.

**step**

Flat narrow surface that supports the feet when climbing, descending or standing.

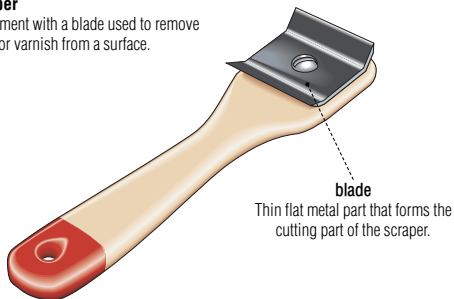


## painting upkeep

The main purpose of this type of work is to apply paint, stain or varnish to a surface.

### scraper

Instrument with a blade used to remove paint or varnish from a surface.

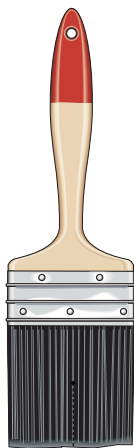


#### blade

Thin flat metal part that forms the cutting part of the scraper.

### brush

Natural or synthetic bristles attached to a handle, used for spreading paint, varnish or stain on a base.

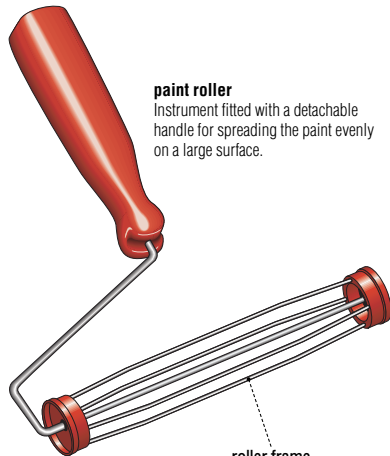


#### bristles

Stiff hairs made from natural or synthetic materials; they are filled with paint, varnish or stain to apply them.

### paint roller

Instrument fitted with a detachable handle for spreading the paint evenly on a large surface.

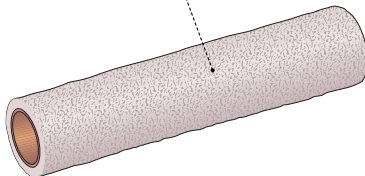


#### roller frame

Metal pivoting structure inserted into the roller cover as support.

### roller cover

Detachable cylindrical part, covered with natural or synthetic fibers adapted to the nature of the product being applied.



### tray

Container used with a roller; it has a deep area to hold the paint and a ribbed area for coating the roller cover with the amount of paint required.



120-volt circuit 77  
 240-volt circuit 77  
 240-volt feeder cable 77  
 45° elbow 67  
 90° elbow 67

## A

above ground swimming pool 11  
 acanthus leaf 90  
 access panel 39, 60  
 acorn nut 157  
 actual temperature 50  
 adjustable channel 155  
 adjustable clamp 114  
 adjustable frame 141  
 adjustable lamp 114  
 adjusting screw 155, 158, 159  
 aerator 63, 64, 65  
 agitator 128  
 air chamber 74, 75  
 air conditioning 48  
 air filter 48  
 air inlet control 35  
 air purifier 48  
 air return 38, 39  
 air tube 41, 42  
 air-conditioning appliances 48  
 American plug 83  
 andirons 37  
 anode rod 60  
 antislip shoe 166  
 apron 90, 94, 96  
 aquastat 42  
 Arenberg parquet 25  
 arm 90, 113, 114  
 arm stump 90  
 armchair 90  
 armchairs, examples 91  
 armoire 98  
 armrest 108  
 arrow key 50  
 attached curtain 110  
 auger bit, solid center 148  
 auxiliary handle 146  
 auxiliary heating 46

## B

back 94, 108, 142  
 backguard 128, 131  
 bag compartment 119  
 balcony 15  
 balcony window 15  
 ball assembly 64  
 ball peen 136  
 ball-cock supply valve 58  
 ball-peen hammer 136  
 ball-type faucet 64

balloon curtain 110  
 banister 23  
 banquette 93  
 bar frame 116  
 bar stool 93  
 barrier 106  
 base 34, 79, 86, 87, 88, 113, 114, 145, 150  
 base cabinet 70  
 base of splat 90  
 baseboard 21, 22  
 basement 12  
 basement window 9  
 basin wrench 162  
 basket 123, 129  
 basket weave pattern 25  
 bathroom 14, 15, 56  
 bathroom skylight 13  
 bathtub 14, 57  
 battery 138  
 bayonet base 85  
 bean bag chair 93  
 bed 103  
 bed lamp 114  
 bedroom 14  
 belt 161  
 bench 93  
 bergère 91  
 bevel square 160  
 bidet 56  
 bit 138  
 bits 148  
 bits, examples 151  
 blade 49, 82, 83, 138, 139, 141, 142, 143, 144, 145, 152, 163, 168  
 blade tilting lock 144  
 blanket 105  
 bleeder valve 43  
 blinds 111  
 block 134  
 blower 39  
 blower motor 39, 51  
 boabeche 117  
 body 64, 65, 118, 148  
 boiler 40, 42  
 bolster 104  
 bolt 33, 155, 157, 159  
 bolts 157  
 bonding jumper 77  
 bonnet 63, 64  
 booster seat 108  
 border 8  
 border nail 98, 111  
 box 35, 42

box end wrench 156  
 box spring 104  
 brace 18, 147, 167  
 bracket base 99  
 branch 53  
 branch duct 38  
 branch return pipe 40  
 branch supply pipe 40  
 branching, examples 72  
 brick wall 20  
 bridging 18  
 bristles 168  
 broom 37, 135  
 brush 119, 134, 168  
 bucket 49  
 buffet 101  
 building sewer 52, 55  
 bulb 85, 87, 88, 89, 165  
 bumper 120  
 burner 42, 122  
 burner control knobs 122  
 butter compartment 127  
 button 86

## C

C-clamp 158  
 cabinet 70, 123, 129, 131  
 cable 146  
 cable sleeve 146  
 cabriolet leg 90  
 cabriolet 91  
 cam ring 147  
 cap 22, 66, 85  
 cap iron 152  
 capped tee 36  
 carpenter's hammer 136  
 carpentry material 161  
 carpentry: drilling tools 146  
 carpentry: nailing tools 136  
 carpentry: sawing tools 141  
 carpentry: screwing tools 138  
 carpentry: shaping tools 149  
 carpet 26  
 cartridge 65, 163  
 cartridge faucet 65  
 cartridge fuse 78  
 cartridge stem 65  
 casement 29  
 casement window 27  
 casing 28, 46, 51  
 caster 106, 120  
 cathedral ceiling 15  
 cathedral roof 13  
 caulking gun 163  
 ceiling 36  
 ceiling collar 36

ceiling fan 49  
 ceiling fitting 116  
 ceiling joist 19  
 cement screed 24  
 center post 99  
 chairs, examples 95  
 chaise longue 95  
 chalk line 160  
 chamfer bit 151  
 chandelier 117  
 changing table 107  
 Chantilly parquet 25  
 check valve 54  
 cheek 136  
 chest freezer 123  
 chesterfield 92  
 chiffonier 100  
 children's furniture 106  
 chimney 9, 12, 36, 42  
 chimney connection 35  
 chip cover 145  
 choosing key 50  
 chuck 139, 146, 147  
 circuit breaker 45  
 circuit vent 53  
 circular saw 144  
 circulating pump 40  
 clamp 82, 143  
 clamp spotlight 114  
 clamping screw 158  
 claw 136  
 claw hammer 136  
 cleaner height adjustment knob 119  
 cleaning tools 121  
 cleanout 72  
 carpenter's hammer 125  
 closed stringer 23  
 closet 17, 101  
 club chair 91  
 cockleshell 90  
 cocktail cabinet 102  
 cold-water circuit 53  
 cold-water line 60  
 cold-water riser 53  
 cold-water supply line 58, 61, 72, 74, 75  
 collet 150  
 column 43, 117  
 column radiator 43  
 comforter 105  
 common nail 137  
 common partition 100  
 compass saw 142  
 compression coupling 73  
 compression fitting 68  
 compressor 44

condenser coil 51  
 condenser fan 51  
 connection point 80  
 connector 68, 69, 77  
 consumer number 79  
 contact 87  
 contact devices 82  
 contact lever 116  
 control box 61  
 control knob 125, 129, 131  
 control panel 48, 51, 122, 125, 129, 131  
 convactor 46  
 convenience outlet 165  
 cooking unit 125  
 cooktop 70, 122, 125  
 cooktop edge 125  
 coping saw 141  
 copper to plastic 69  
 copper to steel 69  
 corbel piece 34  
 cord 111, 118, 120, 165  
 cord sleeve 150  
 cord tieback 109  
 cordless screwdriver 138  
 core box bit 151  
 corner cupboard 102  
 corner stud 19  
 cornice 9, 30, 99, 109  
 cotter pin 32  
 countertop 70  
 cove bit 151  
 cover 50, 79, 82  
 covering grille 43  
 crank 147  
 crested wrench 156  
 crevice tool 121  
 crib 106  
 crispier 126  
 crisscross curtains 110  
 cross head 140  
 cross rail 94  
 cross-headed tip 139  
 crosspiece 96  
 crystal button 117  
 crystal drop 117  
 curtain 109  
 curtains, examples 110  
 curved jaw 154  
 customer's service entrance 80  
 cut nail 137  
 cutlery basket 132  
 cylinder 32, 63  
 cylinder case 32  
 cylinder vacuum cleaner 120

**D**

dairy compartment 127  
damper 38  
dead bolt 31, 32  
deflector 46  
defrost drain 123  
dehumidifier 49  
depth adjustment 150  
depth-of-cut adjustment knob 152  
desired temperature 50  
desk lamp 113  
detergent dispenser 132  
dial 79  
diamond point 98  
dimmer switch 84  
dinette 16, 71  
dining room 17  
director's chair 91  
disc faucet 63  
discharge line 54  
dishwasher 70, 75, 132  
disk 79  
display 50  
display cabinet 100  
distribution box 55  
distribution panel 76, 81  
distributor service loop 80  
diving board 11  
do-it-yourself 8, 136  
domestic appliances 118  
door 98, 122, 129, 131  
door panel 99  
door stop 127  
door switch 131  
doorknob 30, 31  
dormer window 8  
double plate 18  
double pole breaker 78  
double-twist auger bit 148  
dovetail bit 151  
downspout 8  
draft hole 42  
drain 52  
drain hose 74, 75, 129, 133  
drain tile 20  
drain valve 60, 61  
draining circuit 53  
draw drapery 109  
drawer 71, 96, 100, 106, 125  
dresser 102  
drilling tools 146  
drills 148  
drip bowl 124  
drive belt 128  
driveway 9, 10  
drop light 165  
drop-leaf 96  
drum 111, 130  
dust canister 149  
dust receiver 121  
dusting brush 121  
dustpan 135

**E**

ear 94  
elastic 104  
elbow 38  
elbow, 45° 67  
electric baseboard radiator 46  
electric circuit 87  
electric connection 39, 45  
electric drill 146  
electric dryer 130  
electric furnace 39  
electric motor 41  
electric range 125  
electric supply 60  
electric water-heater tank 60  
electrical box 84  
electricity 76  
electricity meter 79, 81  
electricity tools 164  
electrode 89  
electrode assembly 41  
electronic ballast 88  
elements of a house 27  
elevation 12  
emptying hose 129  
end joist 19, 20  
end stop 143  
energy-saving bulb 88  
entrance hall 16  
escutcheon 31, 63, 73  
European outlet 82  
European plug 82  
evaporator blower 51  
evaporator coil 51  
examples of armchairs 91  
examples of bits 151  
examples of branching 72  
examples of chairs 95  
examples of curtains 110  
examples of fittings 66  
examples of fuses 78  
examples of heads 140  
examples of nails 137  
examples of tables 97  
examples of tips 139  
examples of transition fittings 69  
examples of windows 27  
exhaust tube 86, 89  
expansion bolt 138  
expansion tank 40  
extension 97  
extension ladder 166  
extension pipe 120  
extension table 97  
exterior door 30  
exterior of a house 8  
eye 136

**F**

fabric guide 118  
face 136  
faceplate 31, 32, 33  
fall front 100  
fan 41, 44, 130  
fan heater 47  
fan motor 51  
faucet 57  
faucets 62  
fence 8, 143  
fibers 134, 135  
filament 86  
filament support 87  
file 153  
fill opening 118  
filler tube 58  
fin 11, 39, 124  
fin 46  
finishing nail 137  
fire box 35  
fire irons 37  
fire pot 42  
firebrick 35  
firebrick back 34  
fireplace 17, 34  
fireplace screen 37  
firing, wood 34  
first floor 12, 16  
fitted sheet 105  
fittings 66  
fittings, examples 66  
fixed base 159  
fixed jaw 156, 158, 159  
fixture drain 52  
flare joint 69  
flashing 36  
flat end pin 112  
flat head 140  
flat sheet 105  
flat tip 139  
flexible hose 120  
flexible rubber hose 74  
flight of stairs 23  
float 54  
float ball 59  
float clamp 54  
floor 36  
floor brush 121  
floor coverings, textile 26  
floor drain 52  
floor joist 19, 21  
floor lamp 114  
floorboard 24  
flower bed 9  
flue 61  
flue hat 61  
fluorescent tube 88, 89  
flush bushing 66  
flush handle 58  
flute 148  
fluted land 148  
folding chair 95  
foot 98  
footboard 104  
footing 19, 21  
footrest 108  
footstool 71, 93  
forced hot-water system 40  
forced warm-air system 38  
foundation 19, 21  
foundations 20  
frame 18, 34, 98, 103, 141, 158, 167  
frame stile 99  
framing square 160  
freezer 71, 123  
freezer compartment 126

French window 27  
frieze 98  
frog-adjustment screw 152  
front grille 49  
front knob 147  
front leg 94  
front tip 118  
front-loading washer 129  
full-load adjustment screw 79  
furnace 38  
fuse 81  
fuses, examples 78  
futon 103

**G**

gable stud 18  
garage 8, 10, 12  
garbage disposal sink 72  
garbage disposal unit 73  
garden path 8, 10  
gas 89  
gas burner 61  
gas range 122  
gas water-heater tank 61  
gasket 68, 132  
gate-leg 96  
gate-leg table 96  
gider 18  
glass-fronted display cabinet 102  
glass-lined tank 61  
glazed roof 16  
glue 24  
goose-neck 22  
grate 122  
gravel 20, 55  
grille 51  
grip handle 141  
gripping tools 154  
ground 77  
ground bond 77  
ground connection 76  
ground wire 76, 80  
ground/neutral bus bar 76  
grounded receptacle 54  
grounding prong 82, 83  
guard 14, 16, 22, 165  
guard rail 127  
guide handle 150  
gun 163  
gutter 8

**H**

hacksaw 141  
hall 17  
halogen desk lamp 113  
hammer loop 161  
hand miter saw 143  
hand vacuum cleaner 121  
handle 35, 62, 63, 64, 104, 118, 120, 125, 126, 134, 135, 136, 138, 139, 141, 142, 143, 144, 145, 147, 149, 152, 153, 154, 155, 156, 158, 159, 161, 163, 165  
handrail 23  
handsaw 142  
hanging pendant 116  
hanging stile 29, 99  
head 136, 137, 140, 150, 157  
head of frame 28  
headboard 104, 106  
header 18, 30  
headrail 111  
heads, examples 140  
heat control 41  
heat deflecting disc 86  
heat exchanger 42  
heat pump 44  
heating 34  
heating duct 130  
heating element 39, 42, 131, 133  
heating, forced hot-water 98  
heating, forced warm-air system 38  
hedge 9  
heel 142, 152  
heel rest 118  
height adjustment scale 144  
herringbone parquet 25  
herringbone pattern 25  
hexagon bushing 66  
hexagon nut 157  
high chair 108  
high-temperature cutoff 60  
hinge 29, 30, 98, 132  
hoisting rope 166  
holdback 109  
hood 34, 120  
hook 29, 165  
horizontal pivoting window 27  
hose 119  
hot bus bar 76  
hot-air outflow 39  
hot-air outlet 35  
hot-air register 38  
hot-water circuit 53  
hot-water line 60  
hot-water outlet 43, 61  
hot-water riser 53  
hot-water supply line 73, 74, 75  
house 8  
house drain 74  
house furniture 90  
house, elements 27  
house, elevation 12  
house, exterior 8  
house, foundations 20  
house, frame 18  
house, structure 12  
household equipment 134  
housing 50, 88, 149  
humidifier 48  
humidistat 49  
humidity 50  
hygrometer 50

**I**  
ice cube dispenser 71  
ignition transformer 41  
in-ground swimming pool 11  
incandescent lamp 86  
indoor unit 45  
inert gas 86, 87  
inlaid parquet 25  
inner hearth 34  
inside knob 33  
insulated blade 165  
insulated handle 164, 165  
insulating material 20, 24, 132  
insulating sleeve 85  
insulation 42, 60, 61  
island 71

**J**  
jalousie 29  
jamb 30, 34  
jaw 139, 146, 147, 158, 164  
jig saw 145  
joint filler 163  
joint 24

**K**  
key 32  
keyway 32  
kitchen 17, 70  
kitchen towel 135  
knife-blade cartridge fuse 78  
knob 96, 152  
knob handle 144

**L**  
ladder 11  
ladders 166  
lamp socket, parts 85  
land 148  
landing 14, 22  
latch bolt 31, 33  
lateral-adjustment lever 152  
lath 111  
lath tilt device 111  
laundry room 16  
lawn 9  
leach field 55  
lead screw 148  
lead-in wire 86, 89  
ledger 18  
leg 96, 104, 108  
leveling foot 129, 131, 133  
lever 65, 72, 155  
lever cap 152  
lever cover 65  
lid 123, 128, 134, 161  
lift chain 58  
lift cord 111  
lift cord lock 111  
light-load adjustment screw 79  
lighting 85  
lightning rod 9  
lights 113

lineman's pliers 164  
linen 105  
linen chest 100  
lint filter 128  
lint trap 130  
intel 34  
living room 17  
loading door 35  
location 8  
lock 31, 99, 123  
lock-on button 145, 149  
locking button 121  
locking device 120, 166  
locking lever 158  
locking pliers 154  
locking ring 139  
locknut 72  
log carrier 37  
log tongs 37  
loose curtain 110  
louver 51  
lowered window 27  
love seat 92  
low-tension distribution line 80  
lower blade guard 144  
lower guard retracting lever 144  
lower heating element 60  
lower thermostat 60

**M**  
magnetic gasket 127  
main breaker 76  
main circuit vent 52  
main cleanout 52  
main duct 38  
main entrance 17  
main power cable 77  
main return pipe 40  
main rooms 12  
main supply pipe 40  
main switch 81  
mallet 136  
mantel 34  
mantel shelf 34  
marking tools 160  
mason's trowel 163  
masonry drill 148  
masonry nail 137  
masonry tools 163  
master bedroom 13, 15  
mattress 104, 106, 107  
mattress cover 104  
measuring tools 160  
meat keeper 127  
mechanical connectors 68  
medium-tension distribution line 80  
mercury 89  
mériidienne 92  
mesh 107  
mezzanine floor 12, 13  
mezzanine stairs 15  
microwave oven 71  
middle panel 30

mirror 57  
miter box 143  
miter latch 143  
miter saw, hand 143  
miter scale 143  
molding 21  
mop 135  
mortise lock 32  
motor 49, 128, 130, 133, 150  
motor unit 121  
mounting plate 88  
movable jaw 156, 158, 159  
multipurpose tool 164  
muntin 29

**N**  
nail 137  
nail set 136  
nailing tools 136  
nails, examples 137  
nameplate 79, 146  
neckroll 105  
neon lamp 165  
neon tester 164  
nest of tables 97  
network connection 80  
neutral conductor 80  
neutral service wire 77  
neutral wire 76  
newel post 23  
nipple 66  
nozzle 41, 163  
nut 33, 68, 69, 155, 157  
nuts 157

**O**  
O-ring 64, 65  
offset 67  
oil burner 41  
oil pump 41  
oil supply inlet 41  
oil supply line 41  
oil-filled heater 47  
on-off switch 114, 119, 120, 121  
one-way head 140  
open end wrench 156  
open stringer 22  
orbital-action selector 145  
ottoman 93  
outdoor unit 44  
outer jacket 61  
outer shell 85  
outlet 83  
outlet grille 46  
outside knob 33  
oval head 140  
oven 70, 122, 125  
overdrapery 109  
overflow 53, 57  
overflow pipe 60, 61  
overflow protection switch 132  
overflow tube 58  
overlay flooring 25

**P**  
packing 62  
packing nut 62  
packing retainer ring 64  
pail 134  
paint roller 168  
painting upkeep 168  
palmette 90  
pane 29  
panel 30  
pantry 17, 71  
parquet 25  
parts 90, 94, 104  
parts of a lamp socket 85  
patera 90  
patio 8, 10  
patio door 16, 70  
pawl 147  
pedestal-type sump pump 54  
peg 99  
perforated pipe 55  
phase conductor 81  
phosphorescent coating 89  
pile 26  
pile carpet 26  
pillow 104  
pillow protector 104  
pillowcase 105  
pin 85, 89  
pin base 89  
pinch 86, 89  
pipe 120, 158  
pipe clamp 158  
pipe coupling 66  
pipe section 36  
pipe wrench 162  
pistol grip handle 146  
piston lever 163  
piston release 163  
pivot 164  
plane 152  
plastic insulator 76  
platform 167  
platform ladder 167  
playpen 107  
plenum 38, 39  
pliers 154  
plug 82, 146  
plug adapter 83  
plug fuse 78  
plumber's snake 162  
plumbing 52  
plumbing system 52  
plumbing tools 162  
plunger 162  
pocket 161  
pointer 50  
poker 37  
pool 11  
porch 9  
portable shower head 57  
post lantern 115  
pouring spout 134

power cord 145, 149  
pressure relief valve 42, 60  
pressure-relief valve 61  
programmable thermostat 50  
programming control 50  
pulley 166  
pump 11, 129, 133  
pump motor 54  
push-button 33

**Q**  
quill 147

**R**  
rabbet bit 151  
rack 122, 125, 132  
radiant heater 47  
radiator 40  
rafter 18  
rail 98  
railing 13, 14  
rain cap 36  
random orbit sander 149  
range hood 70, 124  
rasp 153  
ratchet 139, 147  
ratchet socket wrench 156  
rear leg 94  
récamier 92  
receptacle analyzer 165  
recharging base 121  
reducing coupling 66  
reflector 165  
refrigerant tubing 45  
refrigerator 71, 126  
refrigerator compartment 126  
refuse container 134  
register 79  
regulating valve 43  
release lever 155  
retaining ring 65  
reversing switch 138  
rib joint pliers 155  
rincaeu 90  
ring 32  
ring nut 68  
rinse-aid dispenser 132  
rip fence 144  
rip 22  
rivet 152  
rocking chair 91, 95  
rod 49  
roll-up blind 112  
roller 112  
roller cover 168  
roller frame 168  
roller shade 112  
rolling ladder 166  
roman shade 112  
roof 9, 12, 36  
room air conditioner 51  
room thermostat 50  
rooms, main 12  
rose 31, 33

rotor 32  
 round head 140  
 rounding-over bit 151  
 router 150  
 rubber gasket 72  
 rubber tip 167  
 rug 26  
 rug and floor brush 120  
 run 22  
 rivung 166

**S**

safety rail 167  
 safety thermostat 131  
 sand paper 153  
 sanding disk 149  
 sanding pad 149  
 sash frame 29  
 sash window 27  
 sawing tools 141  
 scatter cushion 105  
 scouring pad 134  
 scraper 168  
 screw 140  
 screw base 85  
 screwdriver 138  
 screwdriver, cordless 138  
 screwing tools 138  
 scroll foot 90  
 seal 63  
 seat 56, 59, 90, 94, 108  
 seat cover 59  
 seats 93  
 second floor 12, 14  
 secretary 100  
 septic tank 55  
 service box 81  
 serving cart 97  
 shade 113, 114  
 shade cloth 112  
 sham 105  
 shank 137, 138, 140, 148  
 shaping tools 149  
 sheathing 19, 21  
 shed 8, 10, 12  
 sheer curtain 109  
 shelf 101, 126, 167  
 shelf channel 127  
 shoulder 157  
 shoulder bolt 157  
 shovel 37  
 shower 14  
 shower and tub fixture 53  
 shower head 56  
 shower stall 56  
 shutoff switch 54  
 shutoff valve 52, 58, 73, 74, 75  
 shutter 28  
 side chair 94  
 side rail 166  
 sidewalk 9, 12  
 signal lamp 118  
 sill 20  
 sill of frame 29  
 sill plate 19, 20  
 single pole breaker 76

single-handle kitchen faucet 73  
 sink 57, 70, 73  
 site plan 10  
 sitting room 16  
 skimmer 11  
 skylight 9, 13  
 slat 106  
 slide 133  
 sliding door 56  
 sliding folding window 27  
 sliding window 27  
 slip joint 154  
 slip joint pliers 154  
 slot 140  
 slow-burning stove 35  
 smoke baffle 35  
 soap dish 57  
 socket 85  
 socket head 140  
 socket set 156  
 socket-contact 82  
 sofa 92  
 sofa bed 103  
 sole 152  
 soleplate 118  
 solid center auger bit 148  
 spa 11  
 spade bit 148  
 speed selector switch 145  
 spindle 33, 62, 94  
 spiral 139  
 spiral nail 137  
 spiral screwdriver 139  
 spirit level 160  
 splat 90  
 spot 116  
 spout 62, 63, 64, 65  
 spout assembly 73  
 spray 118  
 spray arm 133  
 spray button 118  
 spray control 118  
 spray head 72  
 spray hose 56, 73  
 spring 32, 64, 114, 128, 154  
 spur 148  
 square head plug 66  
 square trowel 163  
 square-headed tip 139  
 stacking chairs 95  
 stairs 16, 22  
 stairwell 14  
 stairwell skylight 13  
 stand 113  
 standpipe 74  
 start switch 130  
 starting step 23  
 start 32  
 steam iron 118  
 steel to plastic 69  
 stem 86  
 stem faucet 62  
 stem holder 62  
 stem washer 62  
 step 167  
 step chair 93  
 step groove 23  
 stepladder 167

stepladders 166  
 steps 9, 11, 12, 17  
 stile 94  
 stile groove of sash 28  
 stile tongue of sash 28  
 storage door 127  
 storage furniture 98  
 storm collar 36  
 straight jaw 155  
 strainer body 72  
 stretcher 96  
 strike plate 32  
 strip flooring with alternate joints 25  
 strip light 117  
 structure 28  
 structure of a house 12  
 strut 19  
 stud 18  
 studied 85  
 study 13  
 subfloor 19, 21, 24  
 sump 54  
 supply duct 45  
 supply line 52  
 supply point 80  
 supply tube 73  
 support 86, 94  
 surface element 124  
 suspension arm 129  
 swimming pool, above ground 11  
 swimming pool, in-ground 11  
 switch 84, 126, 150  
 switch lock 146  
 switch plate 84  
 swivel base 159  
 swivel lock 159  
 swivel wall lamp 115

**T**

table 96  
 table lamp 113  
 tables, examples 97  
 tack 137  
 tackless strip 26  
 tail stop 158  
 tang 153, 163  
 tank 55, 60  
 tank ball 58  
 tank lid 59  
 tape 160  
 tape measure 160  
 tassel 109  
 tee 67, 74  
 teeth 153  
 Teflon® tape 162  
 temperature 50  
 temperature control 50, 118, 123  
 temperature selector 129, 130  
 terminal 76, 82, 124  
 thermostat 46, 61  
 thread 62, 140  
 threaded cap 66  
 threaded rod 157  
 threshold 30  
 thumbscrew 156

tie beam 18  
 tightening tools 154  
 tip 137, 138, 163  
 tips, examples 139  
 tissue holder 56  
 toe 142, 152  
 toggle bolt 138  
 toilet 15, 16, 56, 58  
 toilet bowl 59  
 toilet tank 56  
 tool belt 161  
 tool box 161  
 tool holder 150  
 tool shelf 167  
 tool storage area 119  
 tools 119  
 tools, electricity 164  
 tooth 142  
 toothed jaw 154  
 top 96, 97, 167  
 top rail 94, 98, 107  
 top rail of sash 28  
 top-loading washer 128  
 torque converter 128  
 towel bar 57  
 track lighting 116  
 transformer 116  
 transition fittings, examples 69  
 transmission 128  
 trap 53, 59, 67, 72  
 tray 48, 108, 161, 168  
 tread 22  
 trigger switch 144, 145, 146, 149  
 trim ring 124  
 trip lever 58  
 tub 128, 133  
 tub platform 56  
 tub rim 128  
 tube end 69  
 tube retention clip 88  
 tubular element 124  
 tubular lock 33  
 tungsten filament 87  
 tungsten-halogen lamp 85, 87  
 twist 148  
 twist bit 148  
 twist drill 148

**U**

U-bend 67  
 underlay 26  
 union 68  
 union nut 68  
 upholstery nozzle 121  
 upper blade guard 144  
 upper heating element 60  
 upper thermostat 60  
 upright vacuum cleaner 119

**V**

vacuum cleaner, cylinder 120  
 vacuum cleaner, hand 121  
 vacuum cleaner, upright 119  
 valance 105  
 valve seat 62, 64  
 vane 130

vanity cabinet 57  
 vaporizer 48  
 vaporizing grille 48  
 vegetable garden 8, 10  
 Venetian blind 111  
 vent 51  
 ventilating circuit 53  
 ventilating grille 120  
 Versailles parquet 25  
 vertical cord lift 118  
 vertical pivoting window 27  
 vise 159  
 voltage tester 165  
 volute 90

**W**

waist belt 108  
 walk-in wardrobe 15  
 wall cabinet 71  
 wall fitting 115  
 wall lantern 115  
 wall stack section 38  
 wall stud 20  
 wardrobe 15, 101  
 warm-air baffle 35  
 wash tower 133  
 washer 62, 64, 74  
 washer, front-loading 129  
 washer, top-loading 128  
 Wassily chair 91  
 waste pipe 59  
 waste stack 52  
 waste tee 75  
 water dispenser 126  
 water hose 133  
 water inlet 63  
 water level 48, 49  
 water meter 52  
 water service pipe 52  
 water tank 48  
 water-heater tank 60  
 water-heater tank, electric 60  
 water-level selector 129  
 water-level tube 118  
 wax seal 59  
 weatherboard 29, 30  
 wedge lever 152  
 winding mechanism 112  
 window 15, 27, 122, 125  
 window accessories 109  
 window sill 18  
 windows, examples 27  
 wing nut 157  
 wire cutter 164  
 wire stripper 164  
 wood chisel 153  
 wood firing 34  
 wood flooring 21, 24  
 wood flooring arrangements 25  
 wood flooring on cement screed 24  
 wood flooring on wooden structure 24  
 woodbox 34  
 wrenches 156

**Y**

Y-branch 67



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