



HOUSE & DO-IT-YOURSELF



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Jean-Claude **Corbeil**
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QA INTERNATIONAL

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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

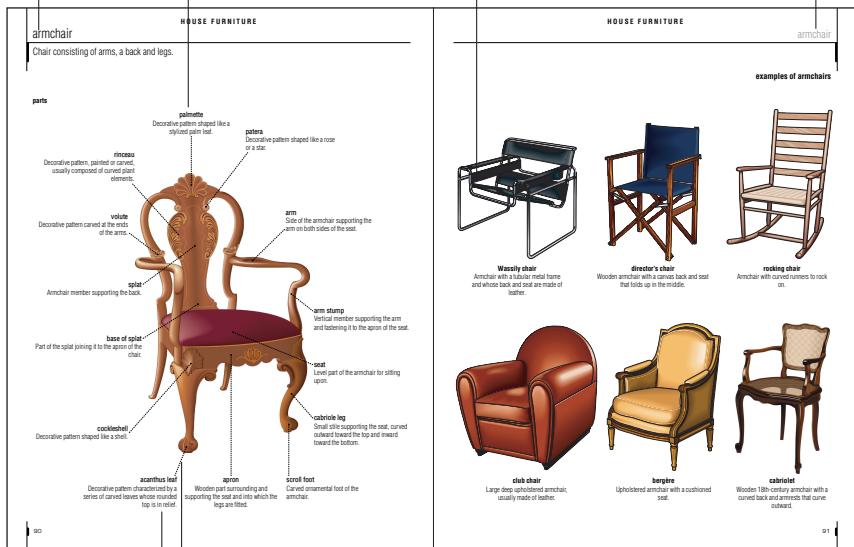
These are shown at the end of the preliminary pages along with their definitions. They are then repeated on each page of a section, but without the definition.

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.



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.

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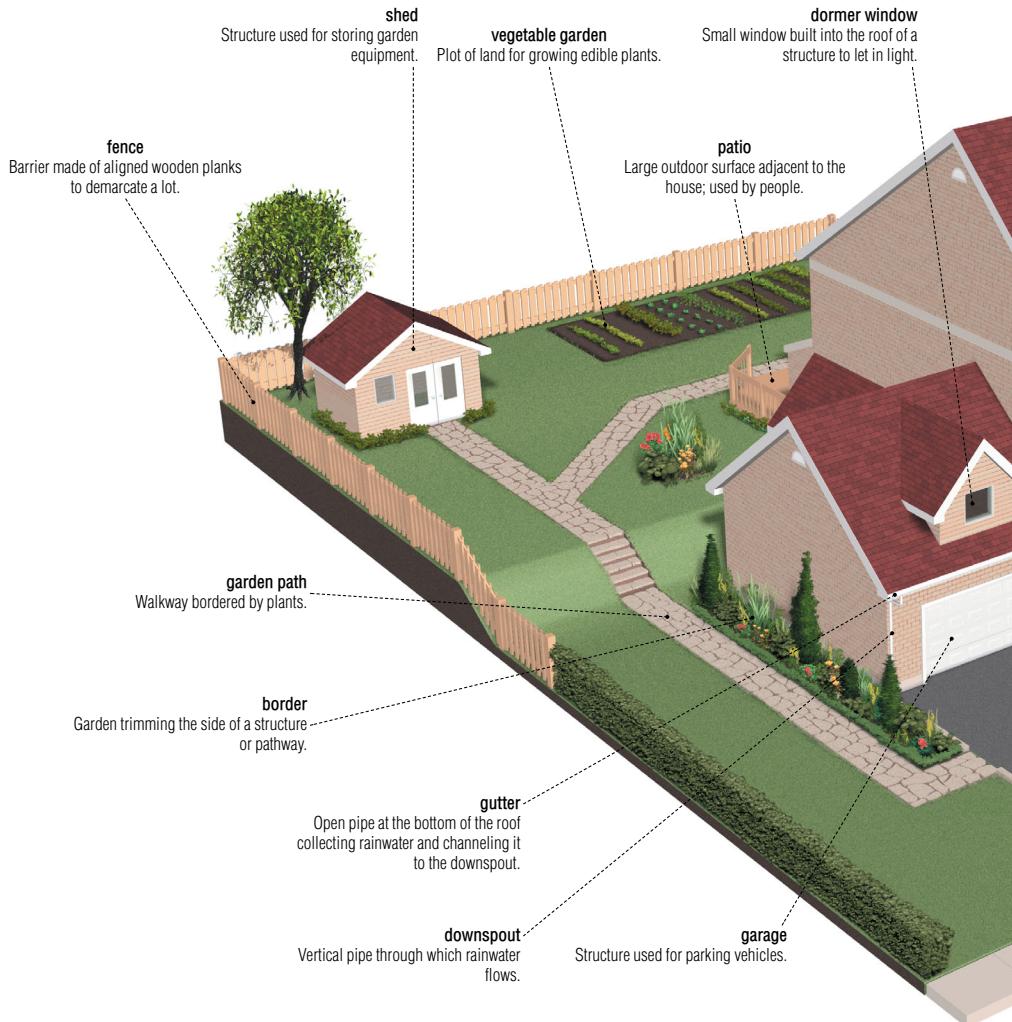
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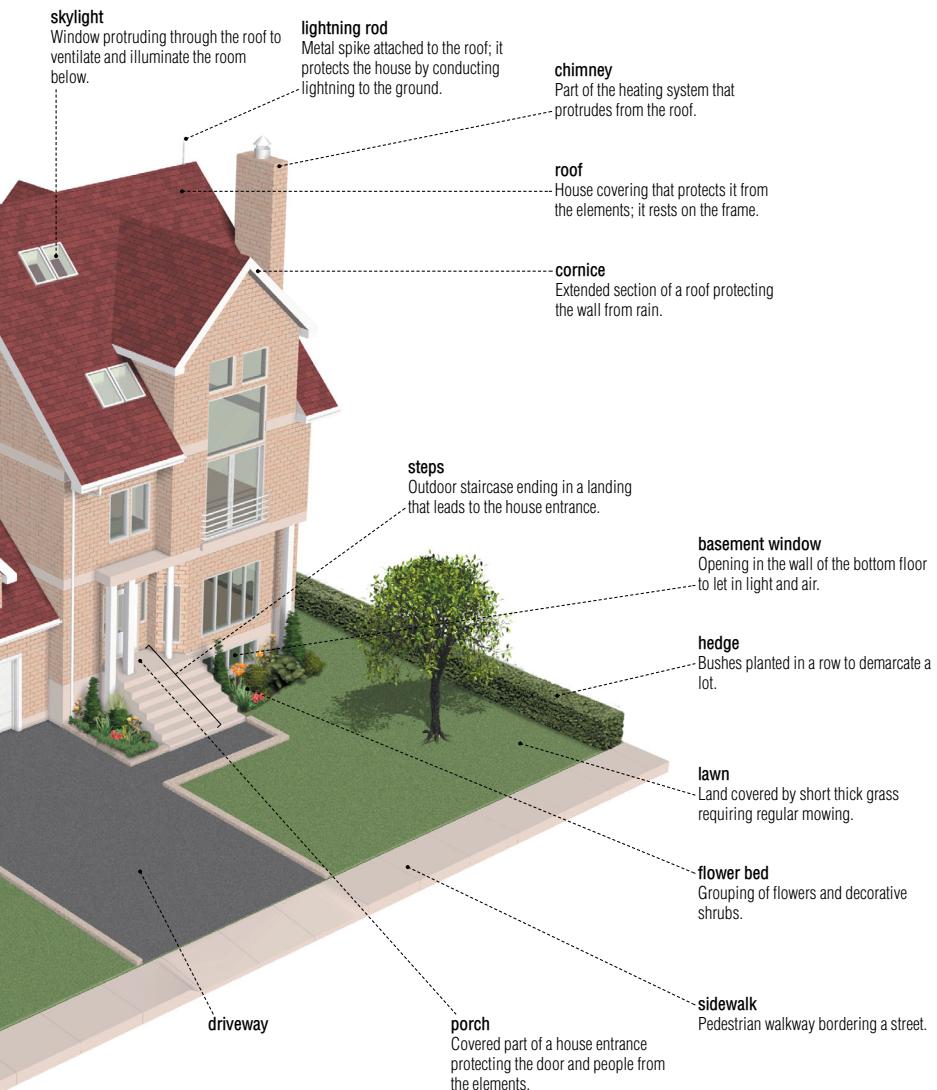
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exterior of a house

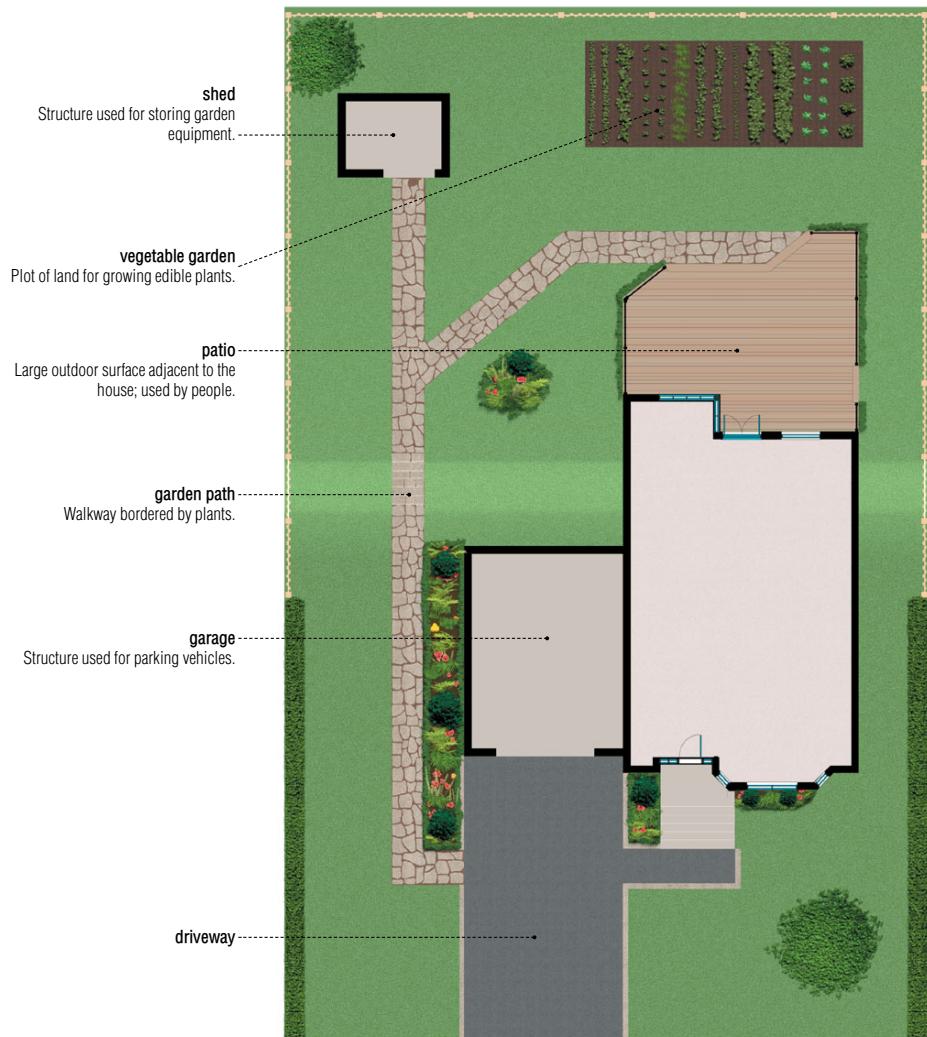
View of a house on its site with the components of its exterior structure.





LOCATION

exterior of a house



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.

skimmer

Device filtering out debris from the surface of the water.

above ground swimming pool



filter

Device removing and absorbing impurities from the water.

pump

Device circulating the water through the skimmer to the filter before returning it to the pool.

diving board

Spring-held board providing momentum for jumping or diving.

in-ground swimming pool

skimmer

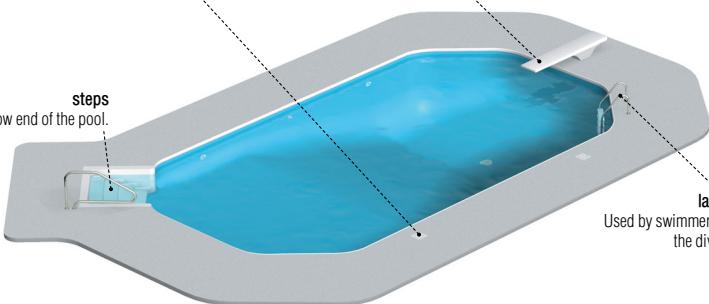
Device filtering out debris from the surface of the water.

steps

Lead into the shallow end of the pool.

ladder

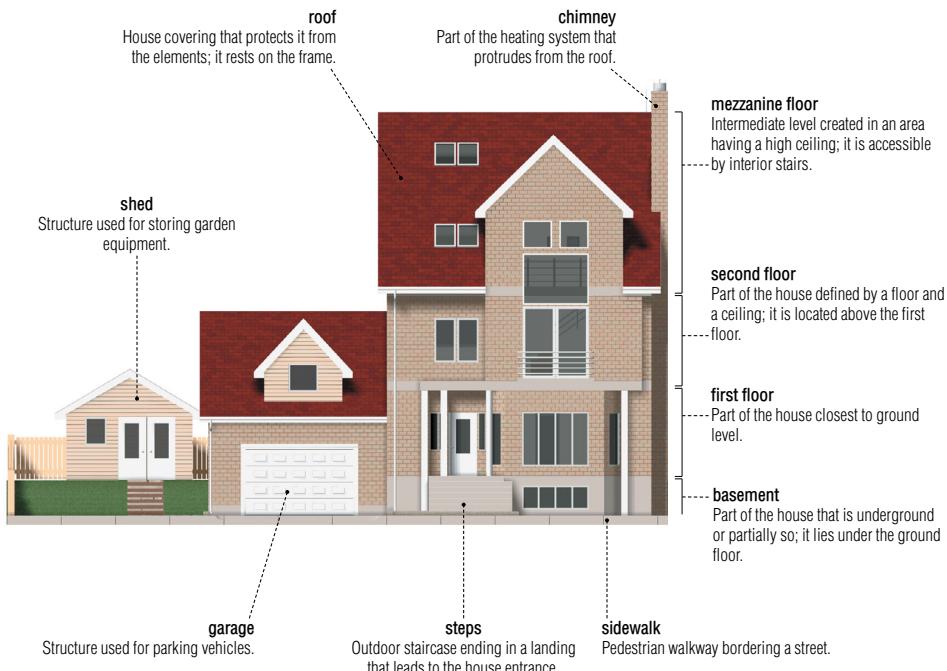
Used by swimmers to get into or out of the diving well.

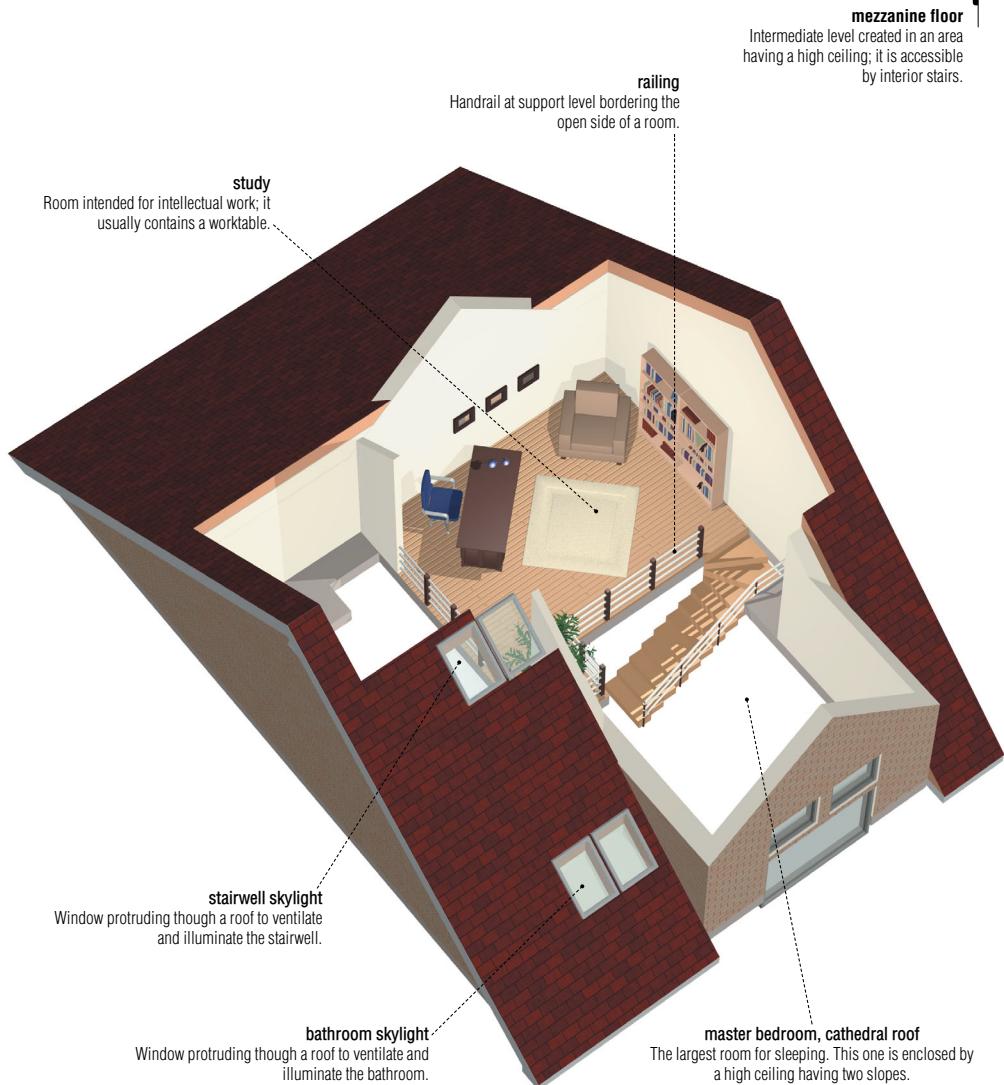


main rooms

elevation

Vertical representation of the projection of the house.



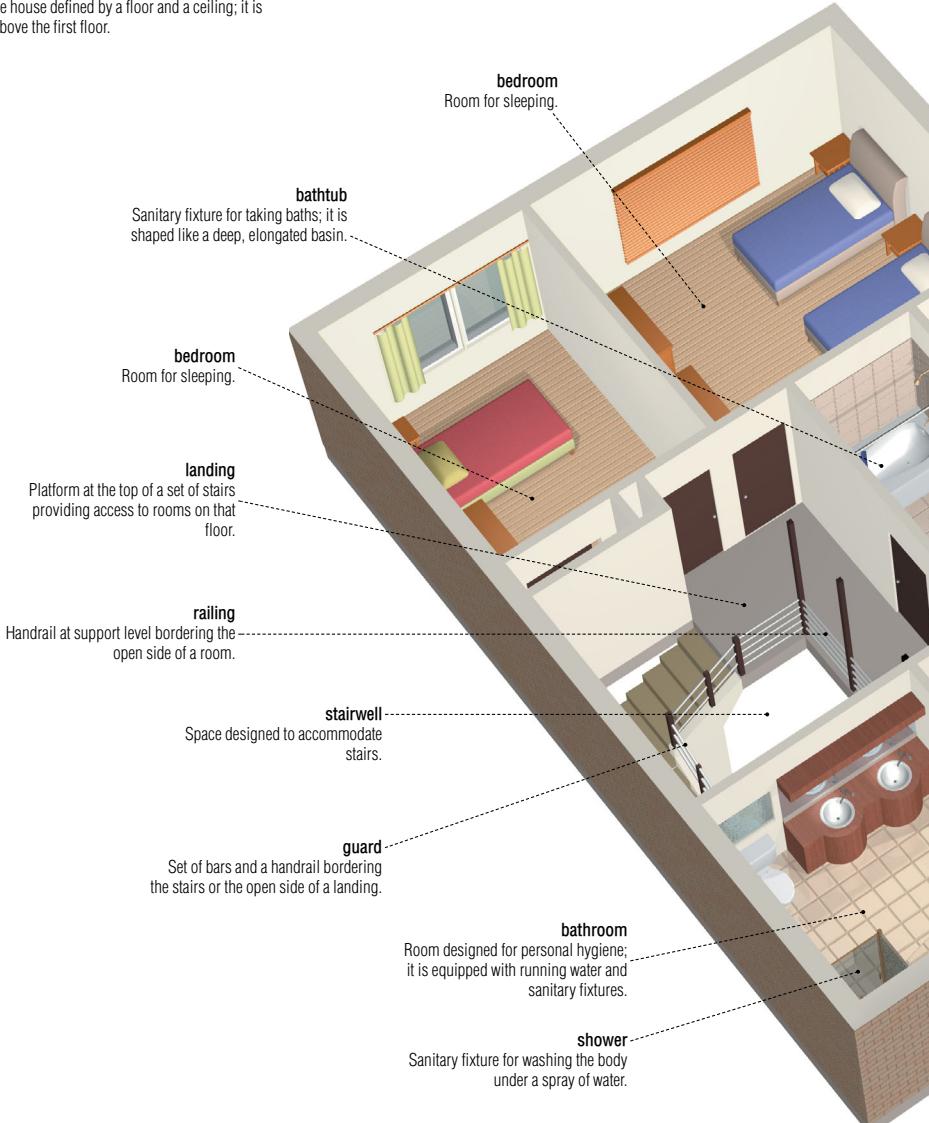


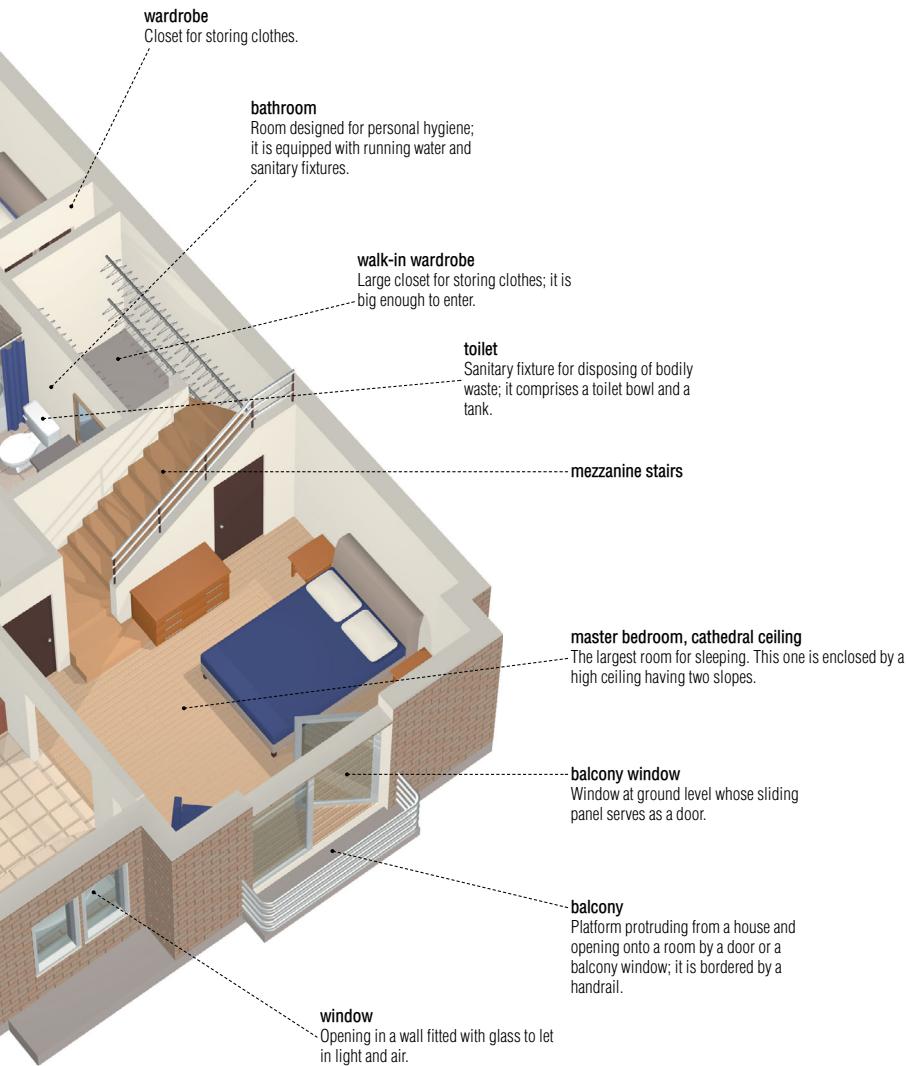
STRUCTURE OF A HOUSE

main rooms

second floor

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



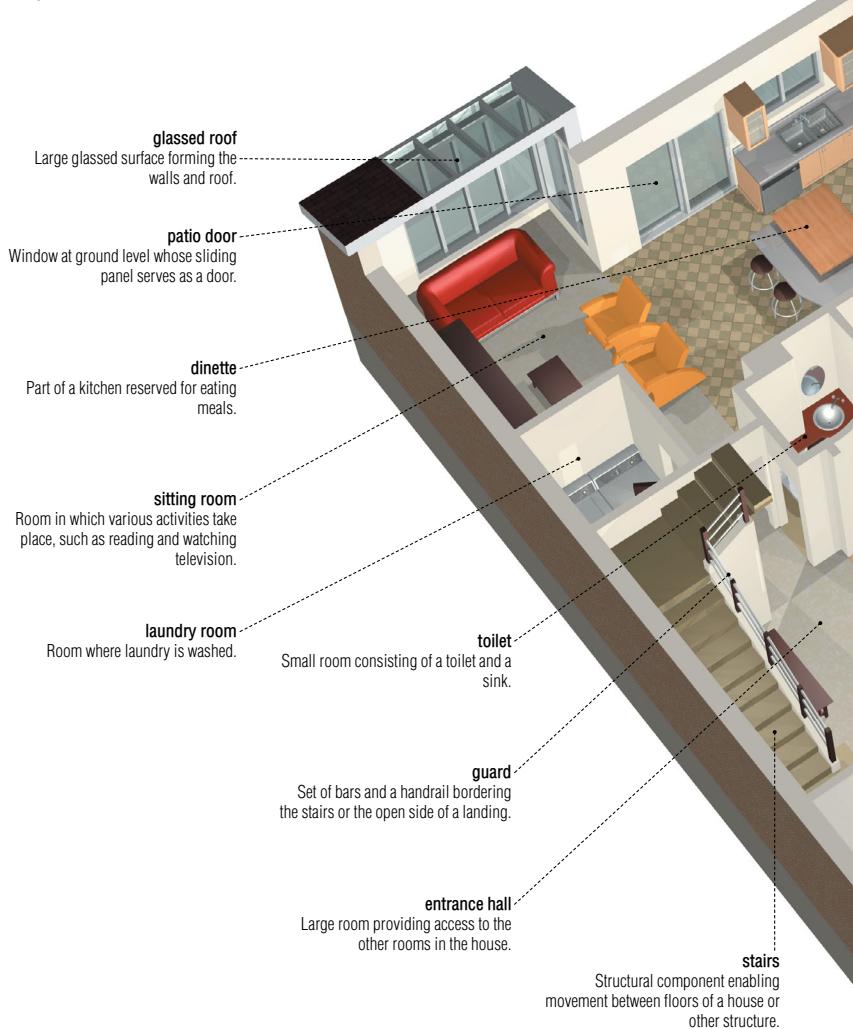


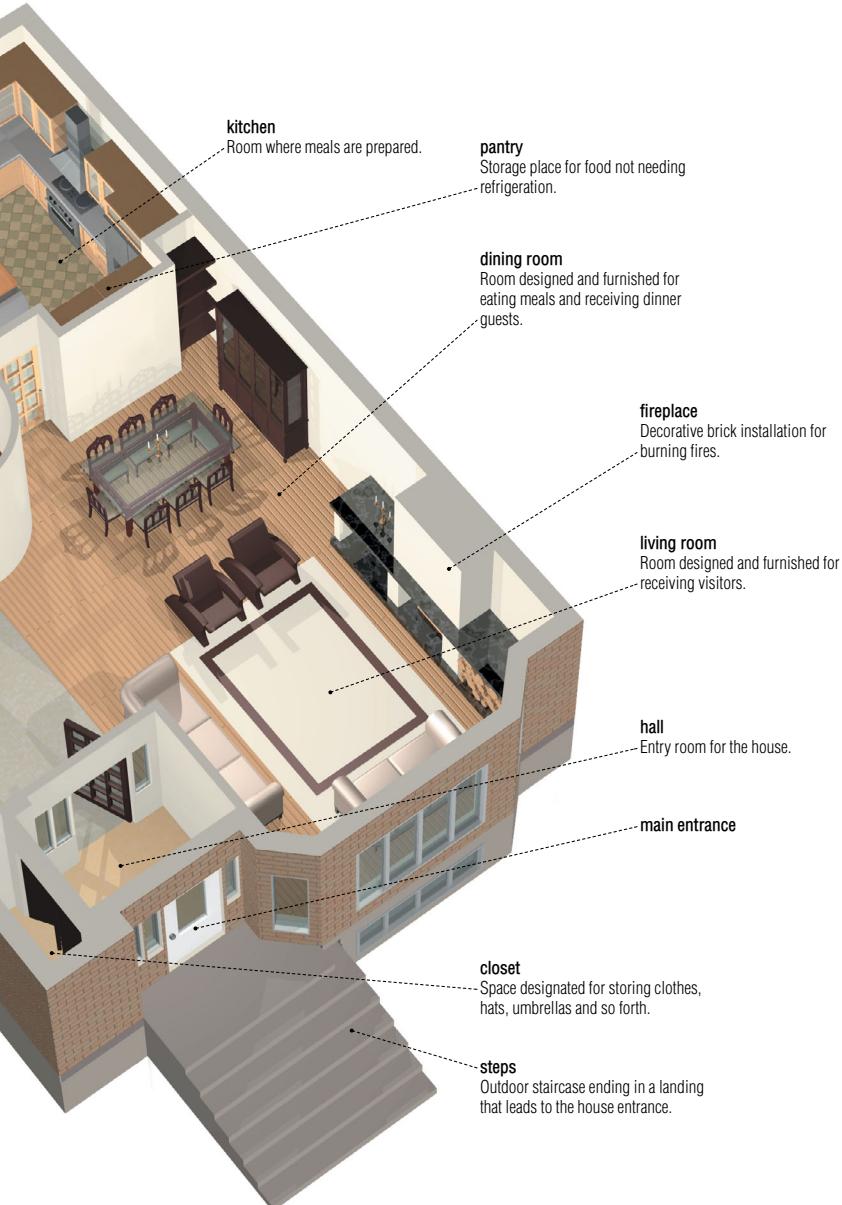
STRUCTURE OF A HOUSE

main rooms

first floor

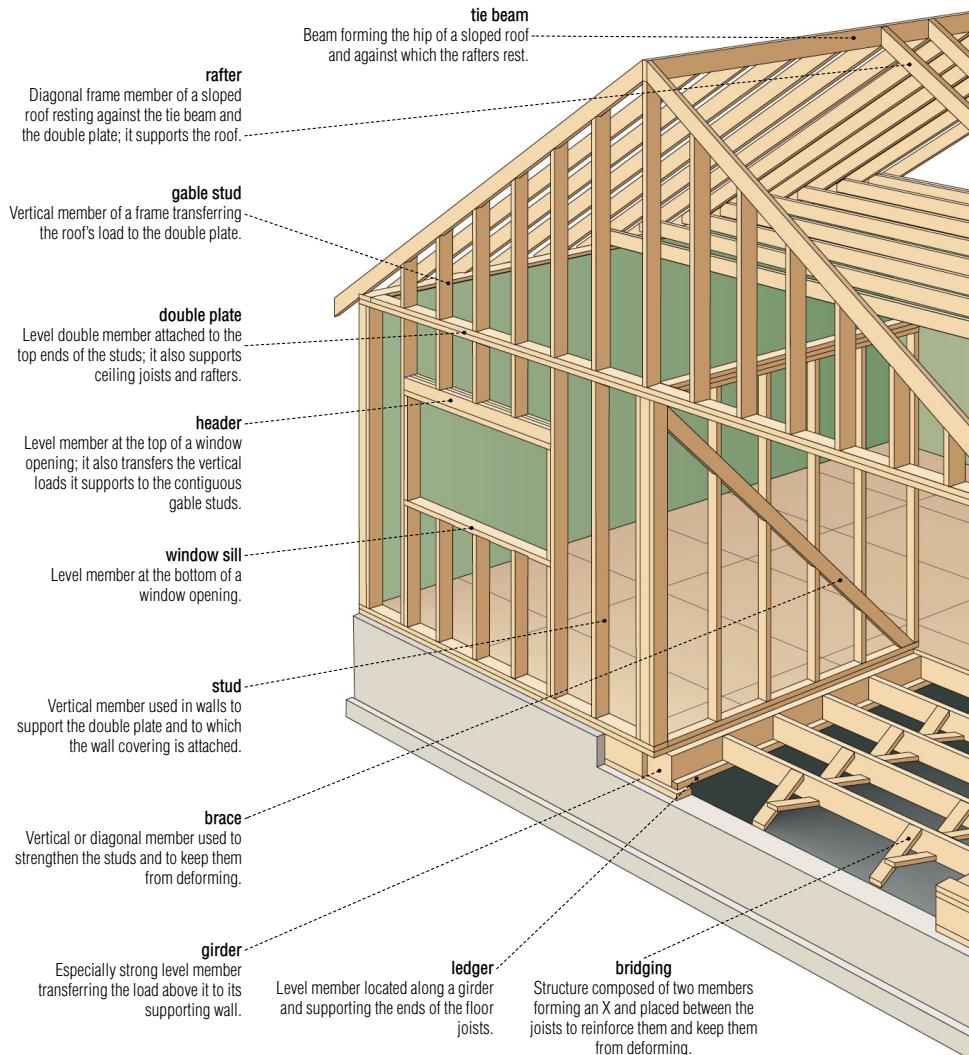
Part of the house closest to ground level.

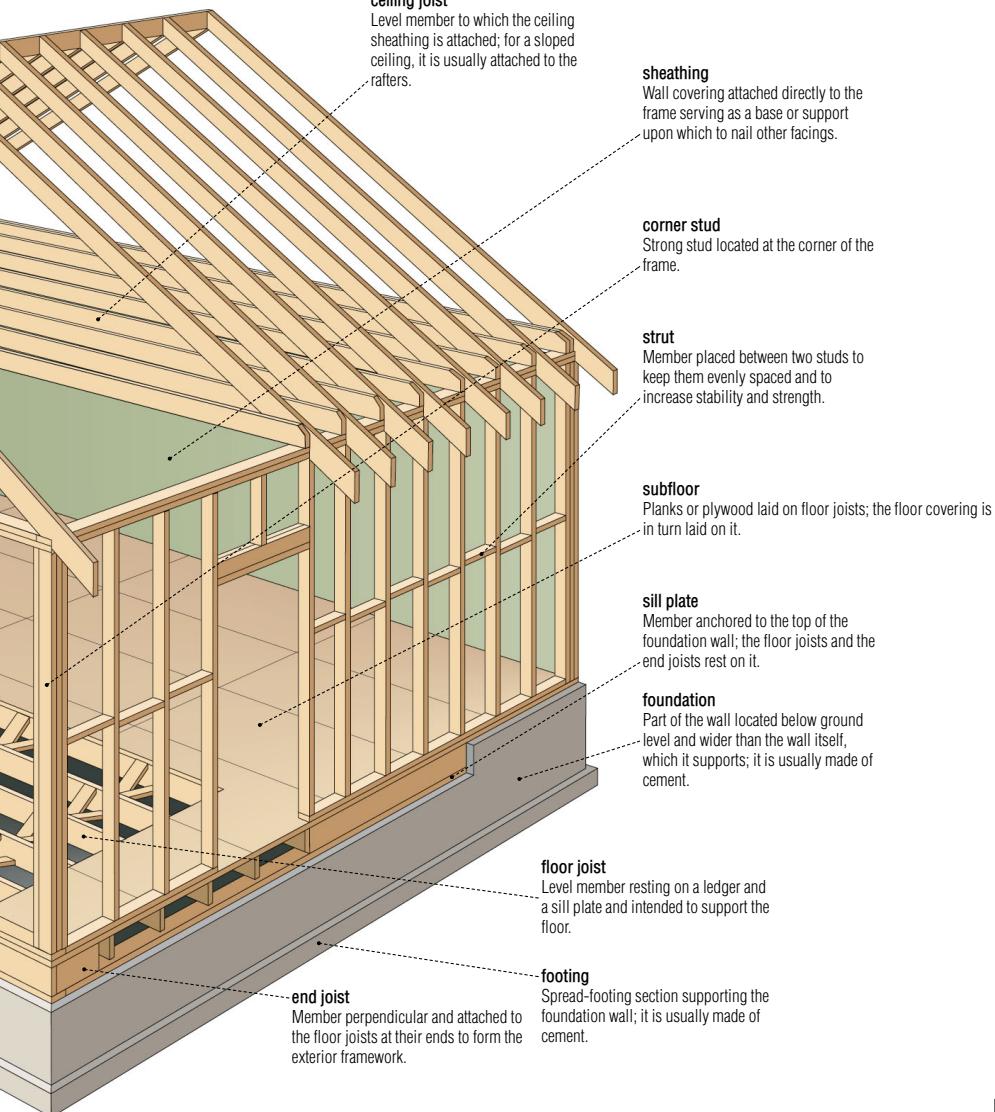




frame

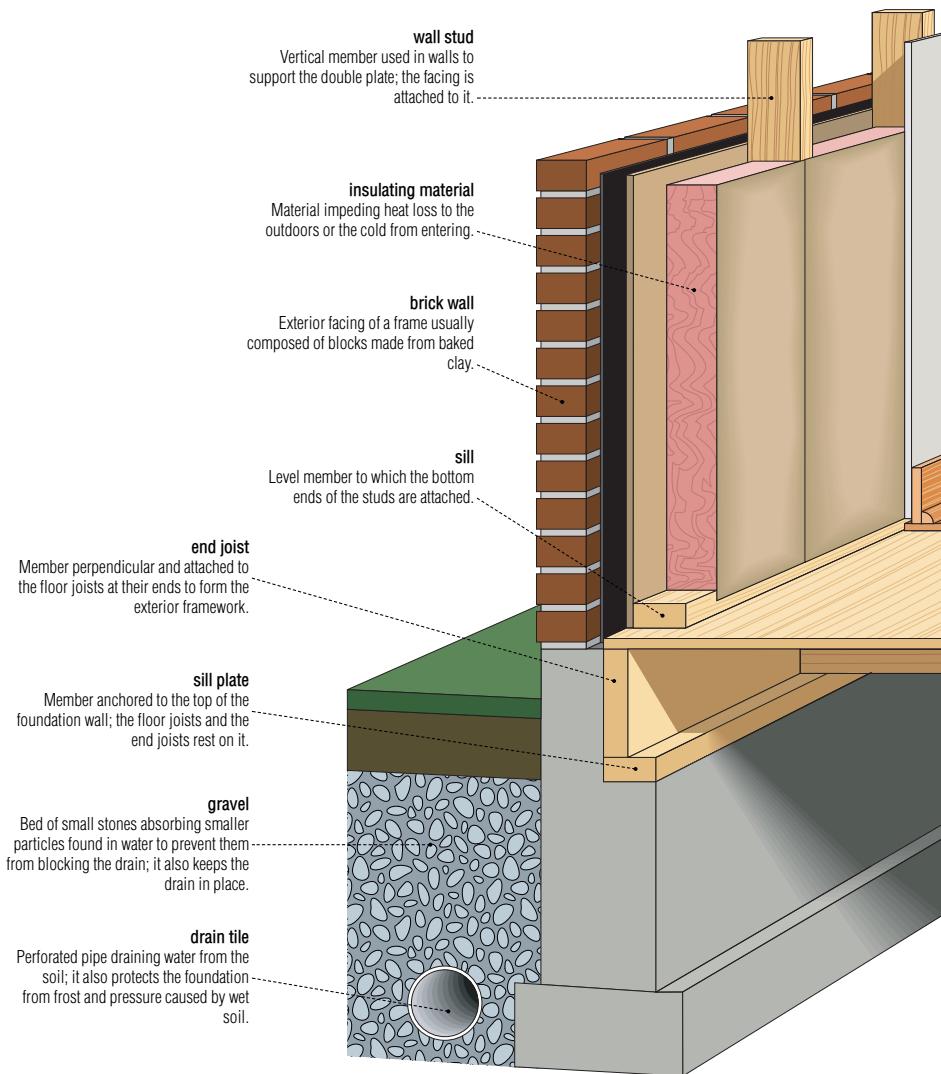
Assembly of members that consists of the load-bearing structure of a building and that provides stability to it.

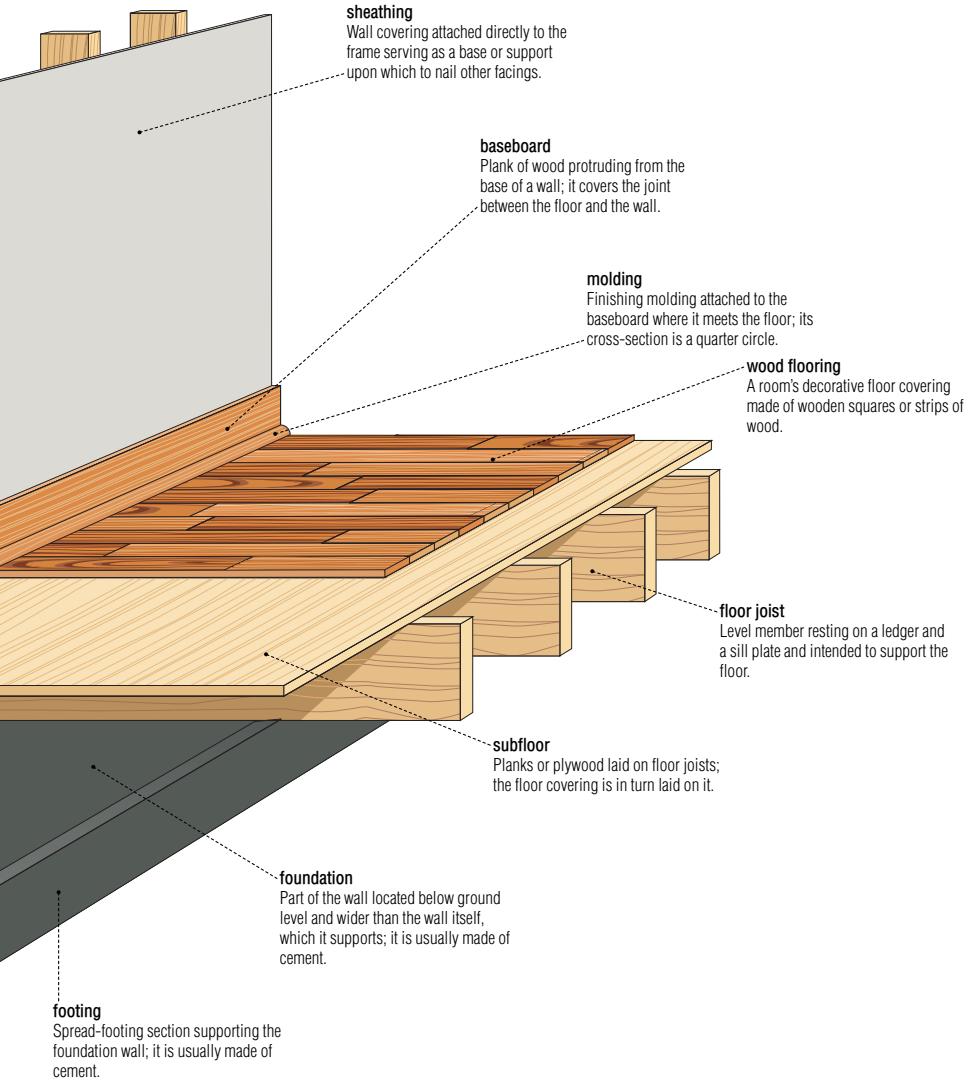




foundation

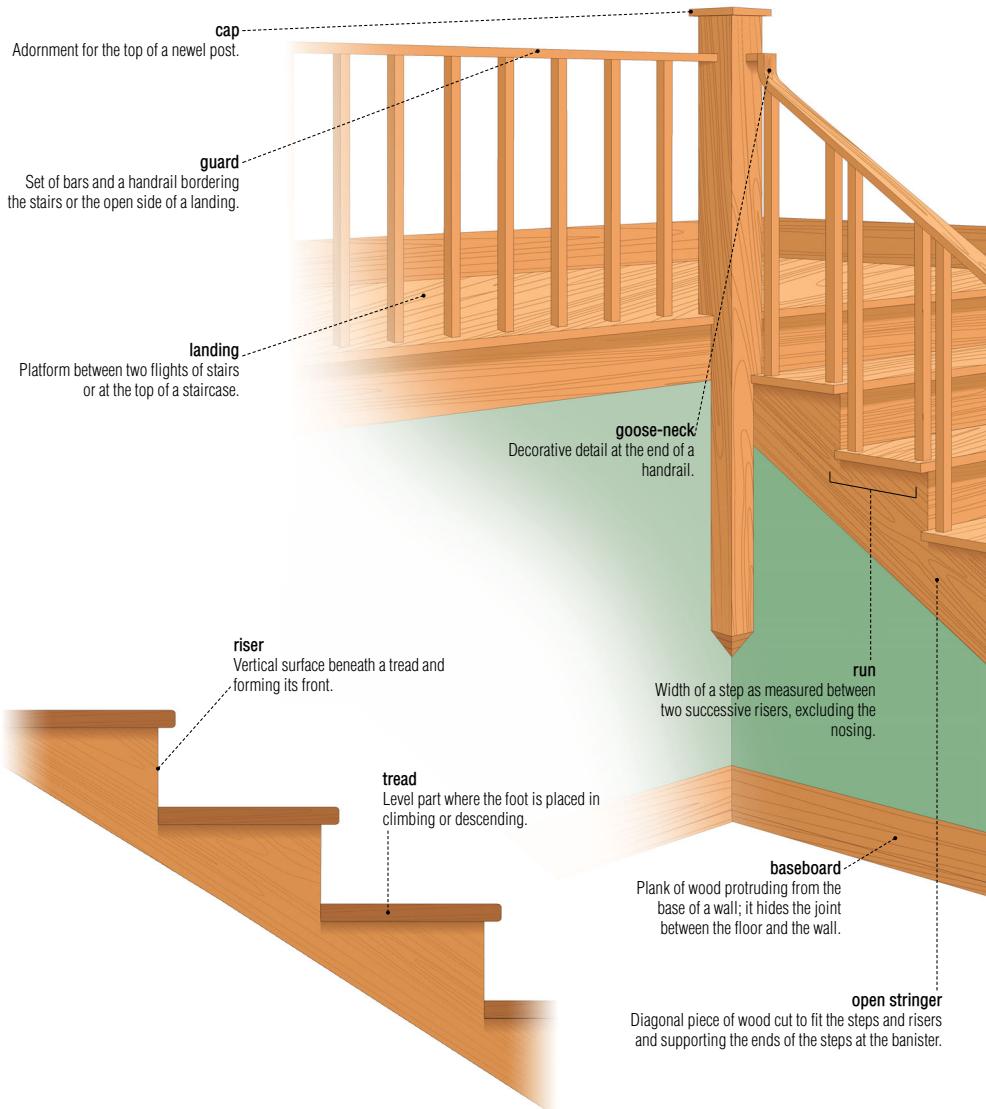
Work done on-site in cement or masonry; it supports a structure's load and transfers it to the ground, thus providing stability.

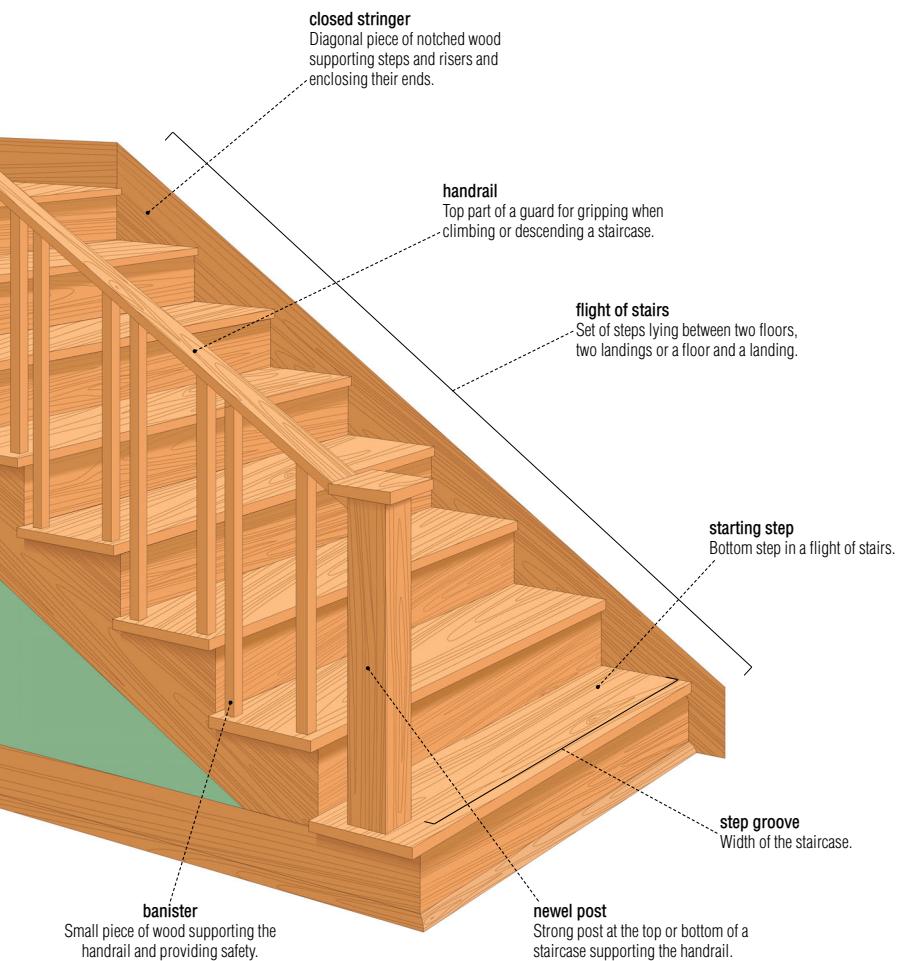




stairs

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



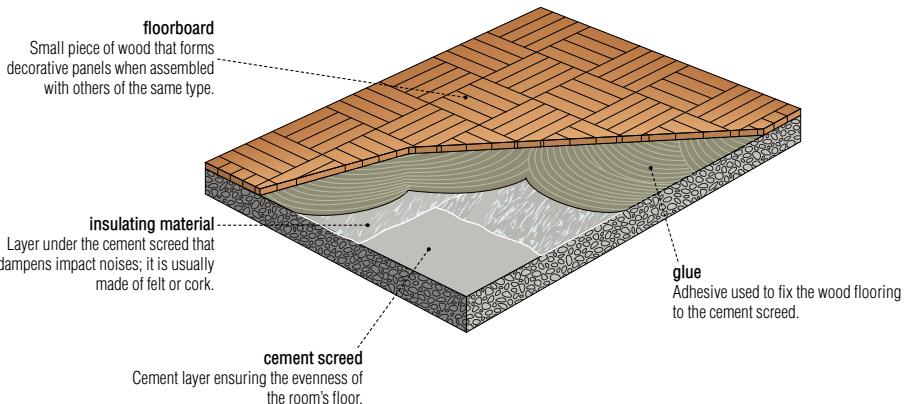


wood flooring

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

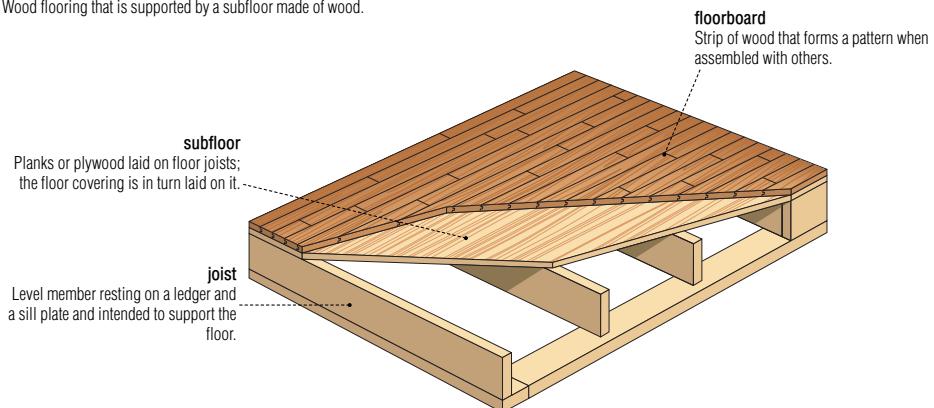
wood flooring on cement screed

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 parquetry 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**

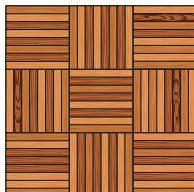
Wood flooring of equal lengths whose joints meet at 45° to 60° cuts.

**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.

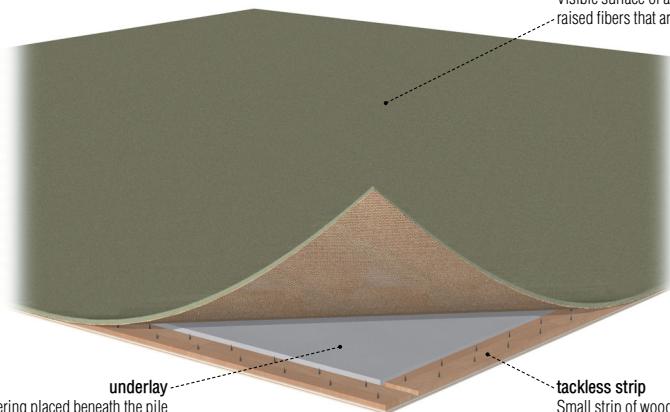
rug

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.



pile

Visible surface of a carpet made of raised fibers that are cut or looped.

underlay

Covering placed beneath the pile carpet to make walking more comfortable and to dampen noise.

tackless strip

Small strip of wood covered with tacks and nailed or glued to the perimeter of the room; the pile carpet is fastened to it.

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.



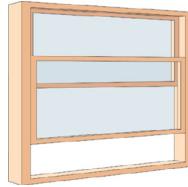
louvered window

Window whose glass louvers rotate along a horizontal axis.



sliding window

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



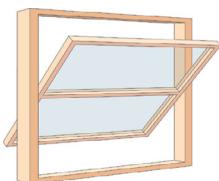
sash window

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



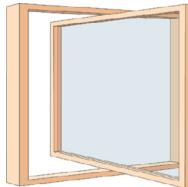
sliding folding window

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.



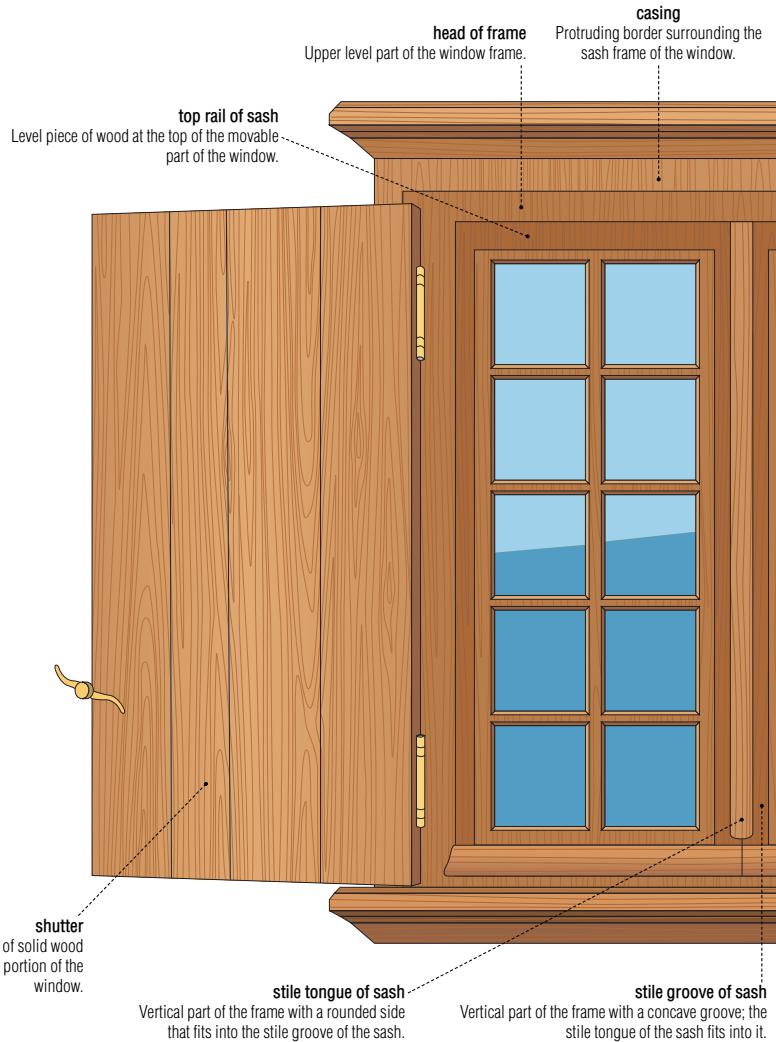
vertical pivoting window

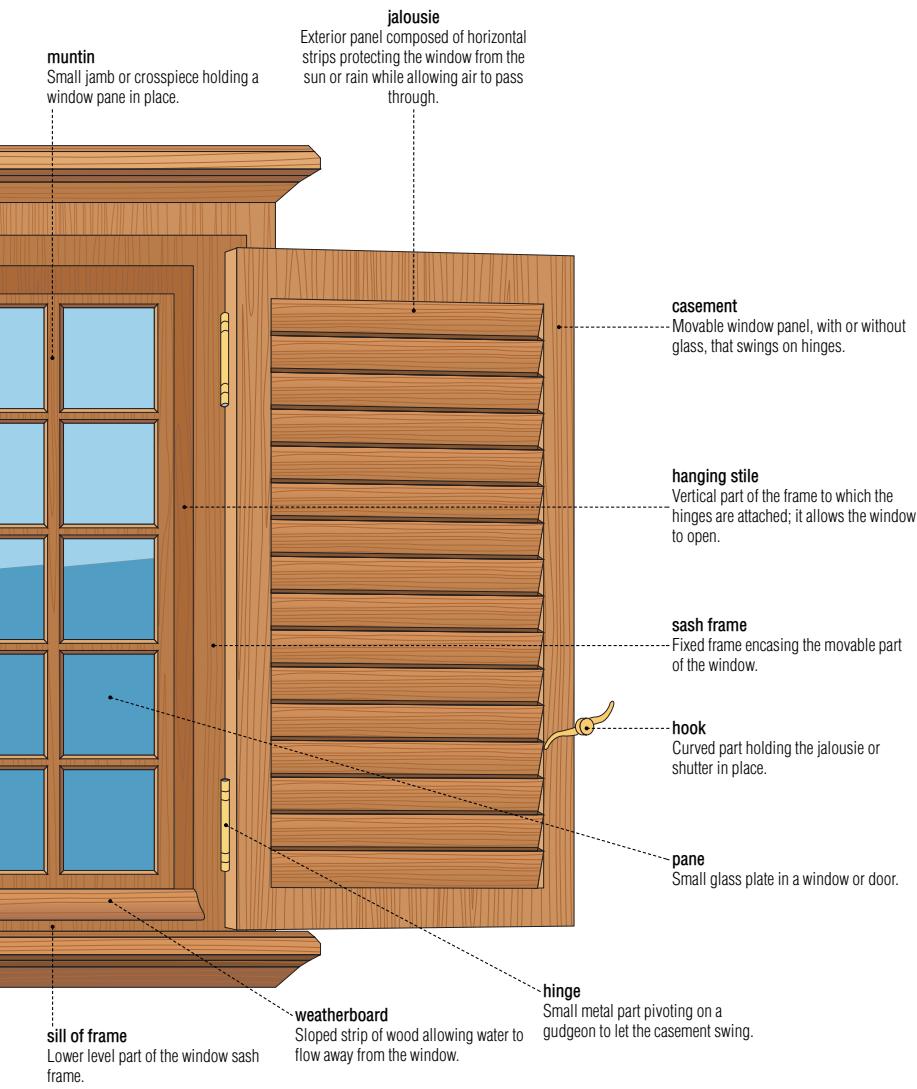
Window whose sash rotates along a vertical axis located at its midpoint.

ELEMENTS OF A HOUSE

window

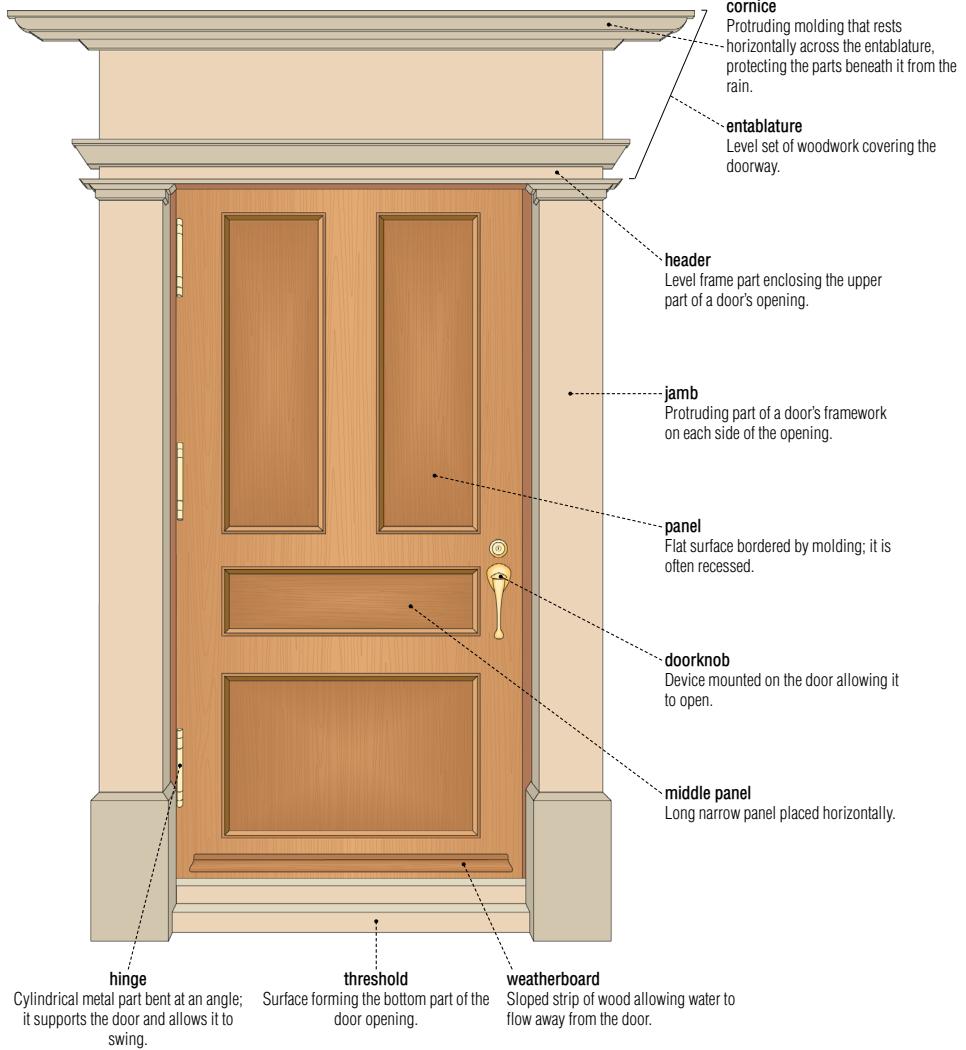
structure





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

dead bolt
Part whose end is inserted into a strike plate to lock the door when activated by a key.

escutcheon
Thin plate fastened to the door with openings for the lock's rose and ring.

faceplate
Thin plate fastened to the edge of the door with an opening through which the bolt passes.

latch bolt
Part whose beveled end is activated by a doorknob; it catches automatically in a strike plate when the door is closed.

rose
Decorative plaque with an opening in the center allowing the doorknob to turn.

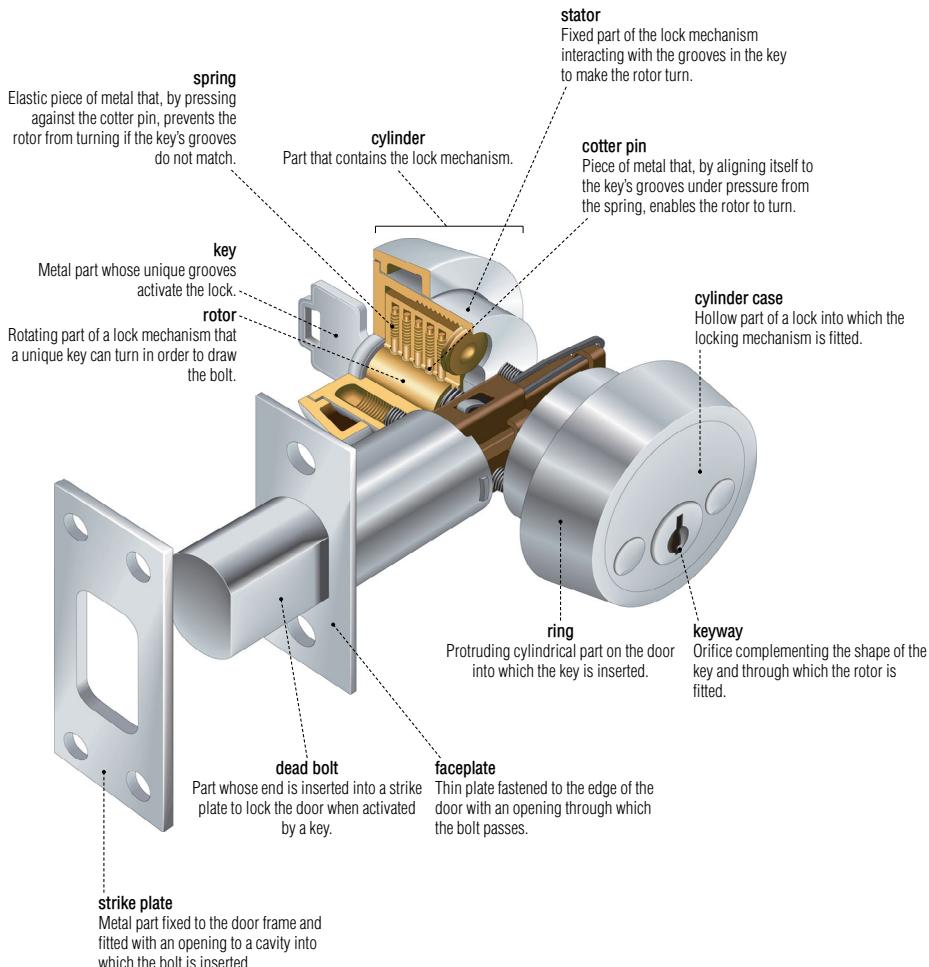
doorknob
Knob in the form of a lever used only for latch bolt locks.



lock

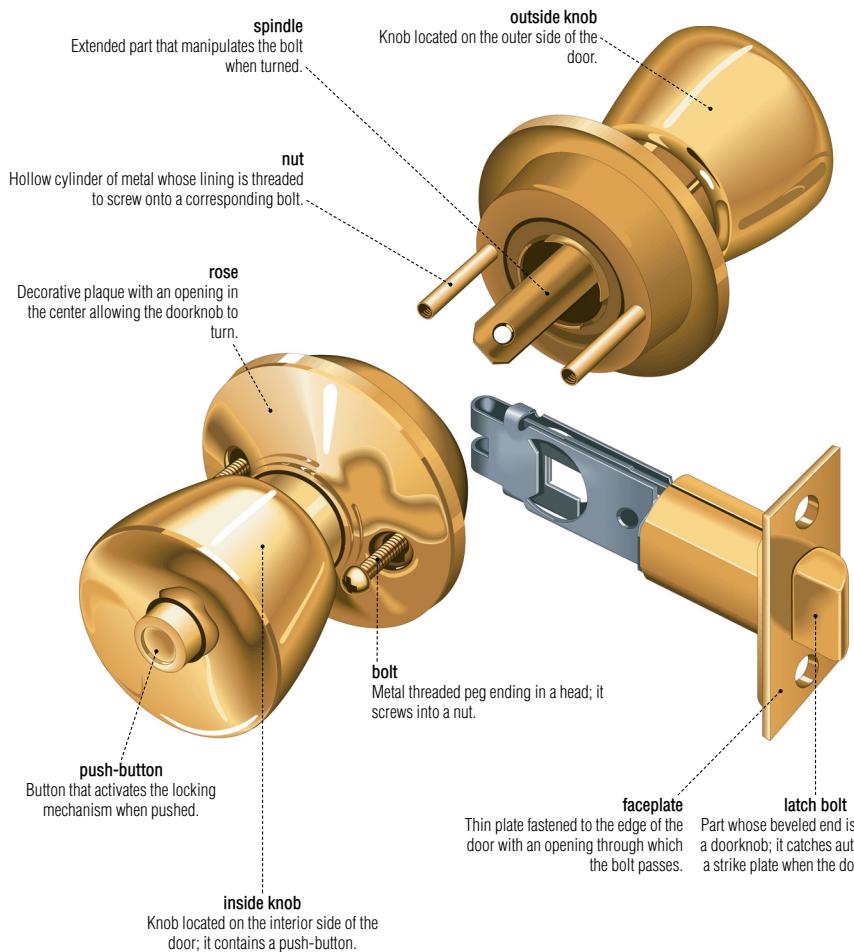
mortise lock

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.

hood

Part of a fireplace located above the mantel; it hides the chimney and allows the smoke to escape to the outdoors.

lintel

Horizontal crosspiece above the hearth and supporting the mantel.

mantel shelf

Level top part of a fireplace's mantel.

mantel

Part of the fireplace protruding over the hearth.

corbel piece

Piece protruding from a jamb or wall; it supports the mantel of a fireplace.

jamb

Vertical facing making up the side of the hearth and supporting the upper parts of the fireplace.

firebrick back

Vertical facing making up the back of the hearth.

base

Pedestal protecting a room's floor from the heat produced by the fireplace.

inner hearth

Part of a fireplace where combustion takes place.

woodbox

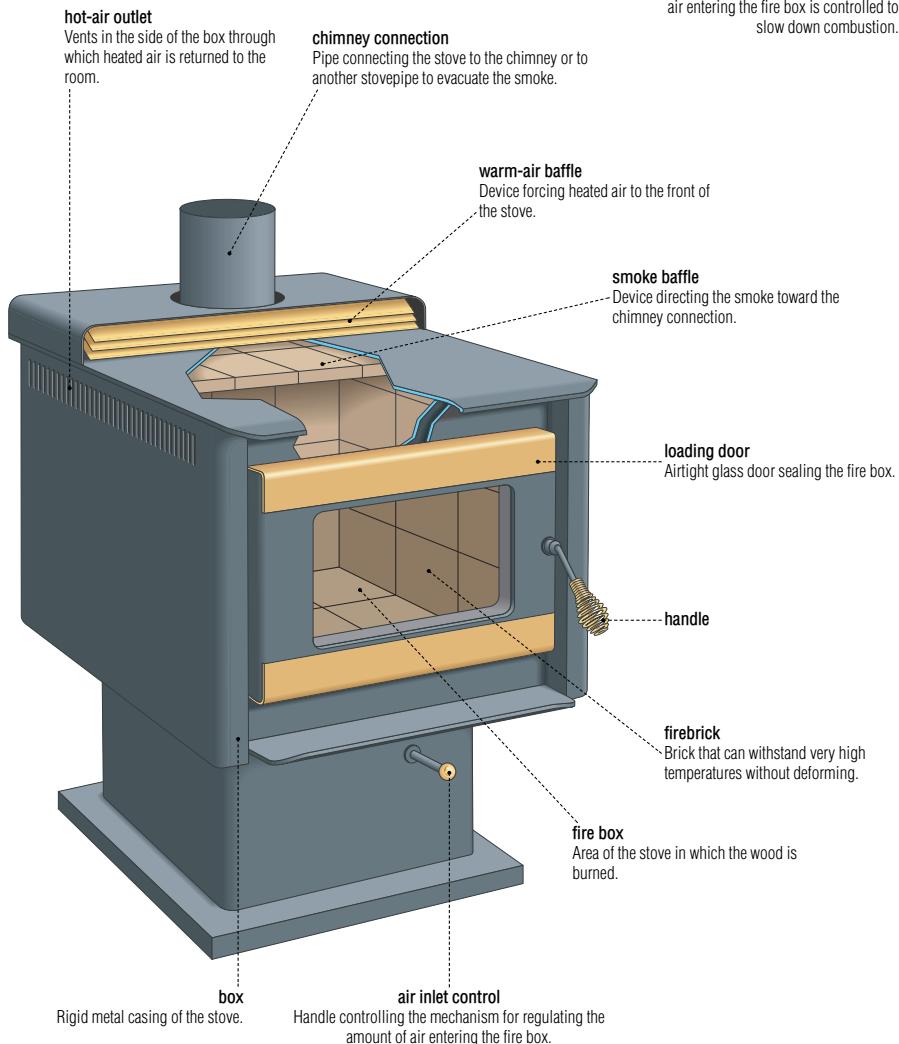
Part of the fireplace where wood is stored.

frame

Metal piece around the edge of the fireplace opening.

slow-burning stove

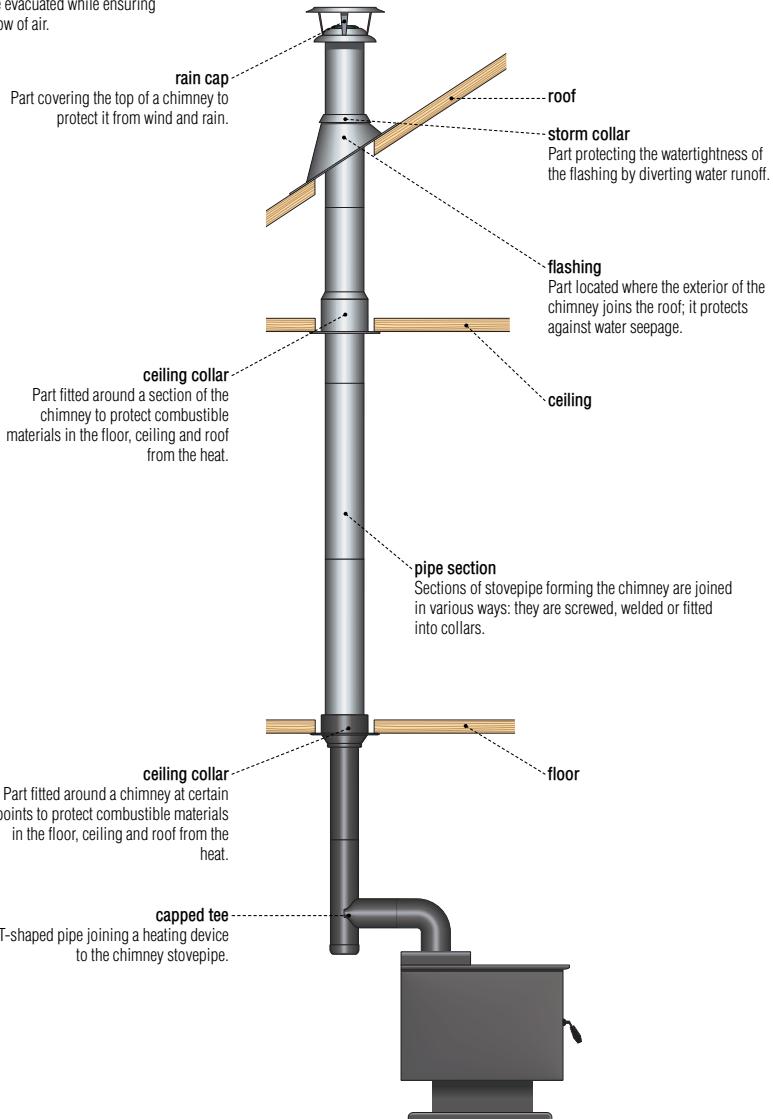
Closed heating device; the amount of air entering the fire box is controlled to slow down combustion.



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**

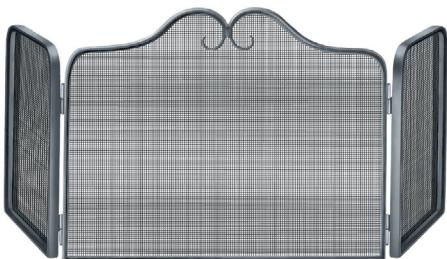
Tool for cleaning the hearth and sweeping the ashes into the shovel.

**log carrier**

Basket for carrying firewood and storing it near the fireplace.

**andirons**

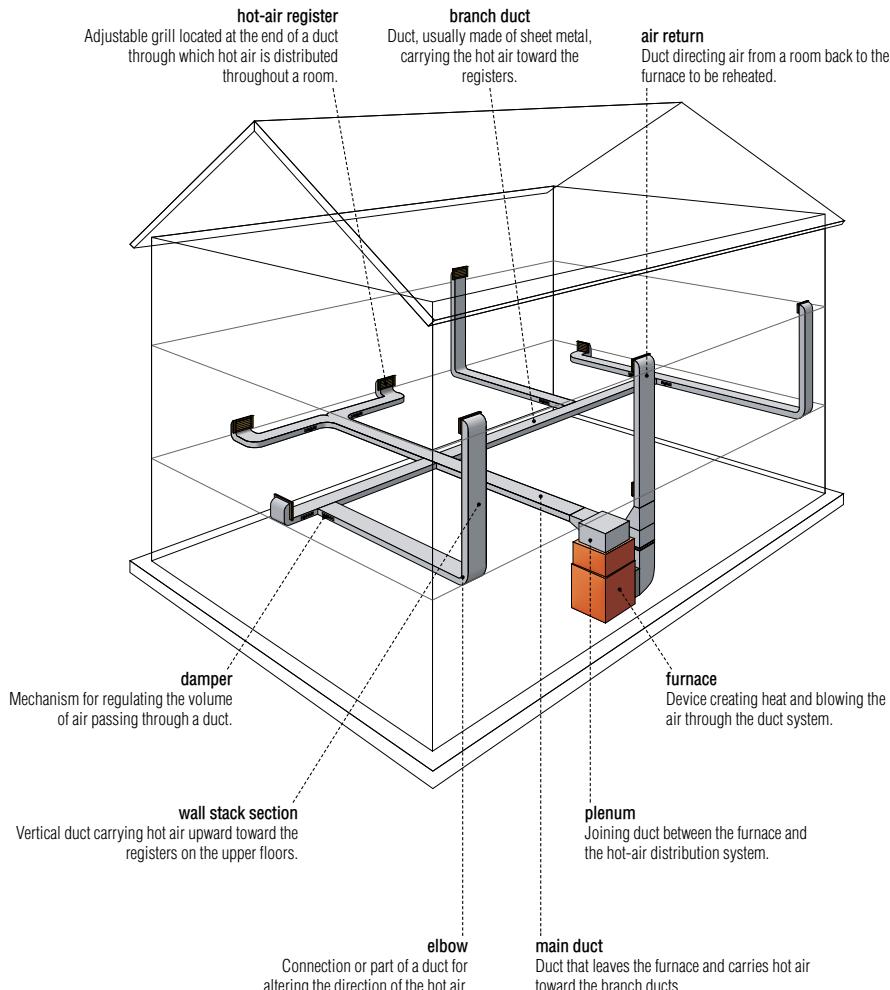
Metal supports placed in the hearth for cradling the logs; they allow air to circulate during combustion.

**fireplace screen**

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

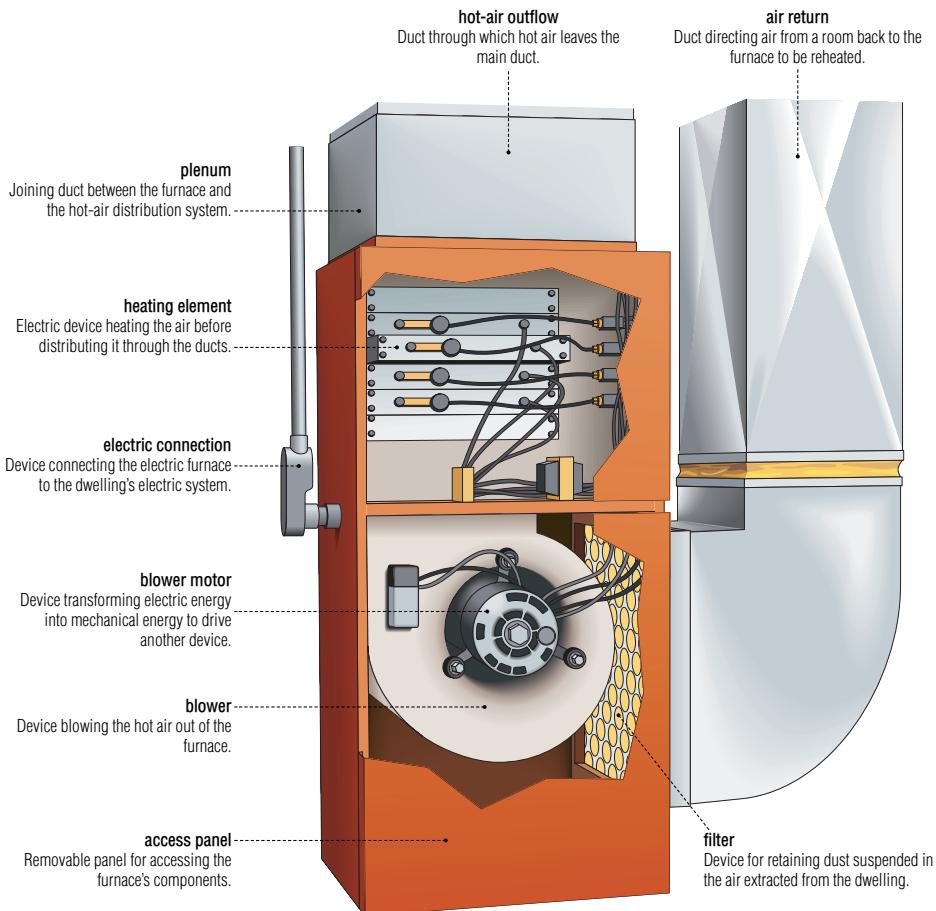
forced warm-air system

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.



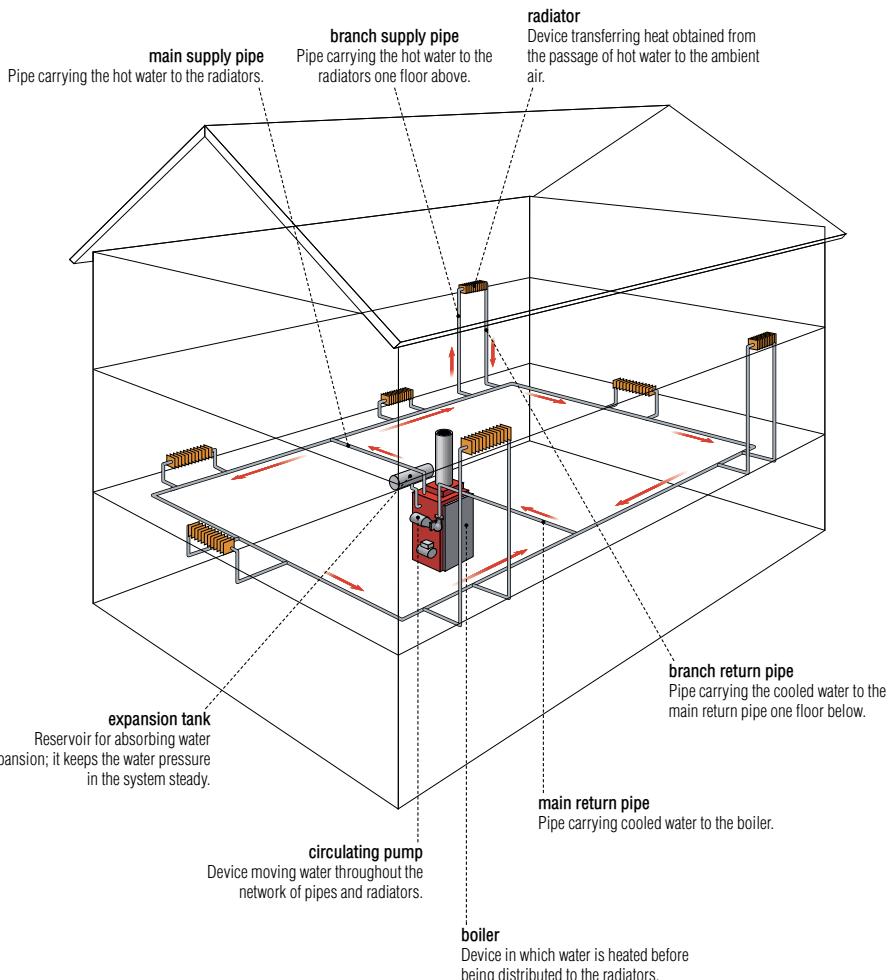
electric furnace

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



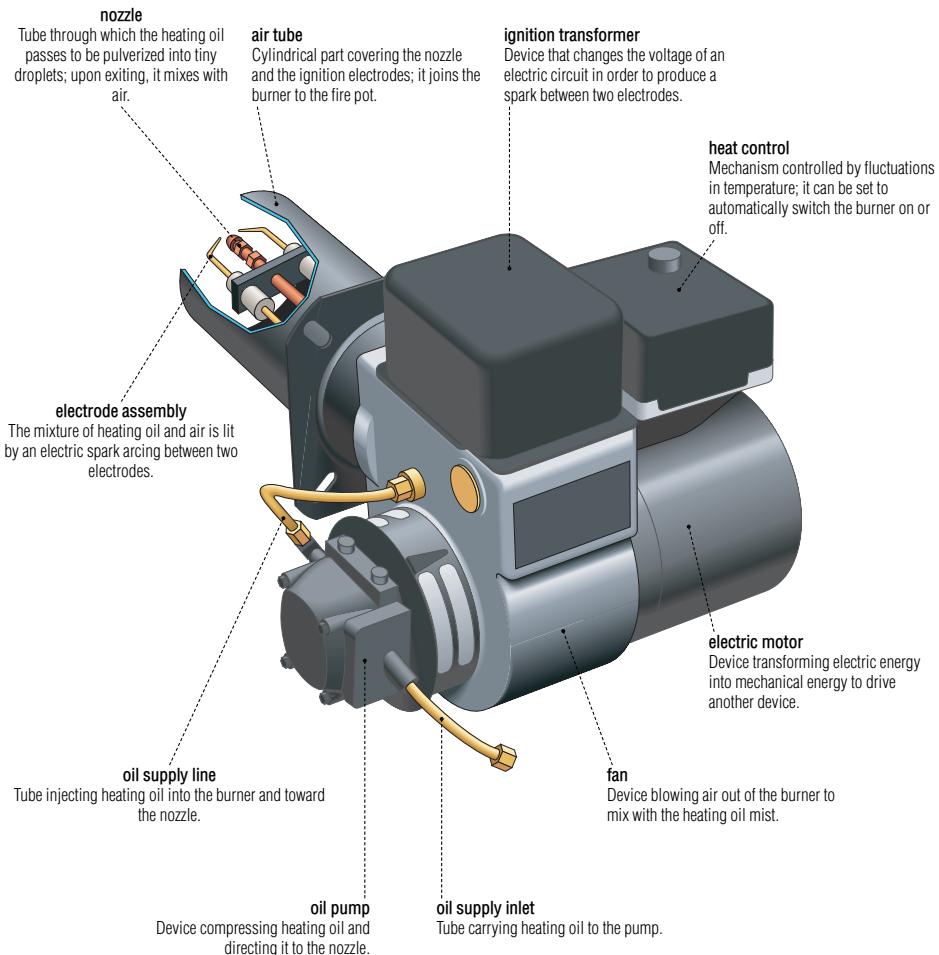
forced hot-water system

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

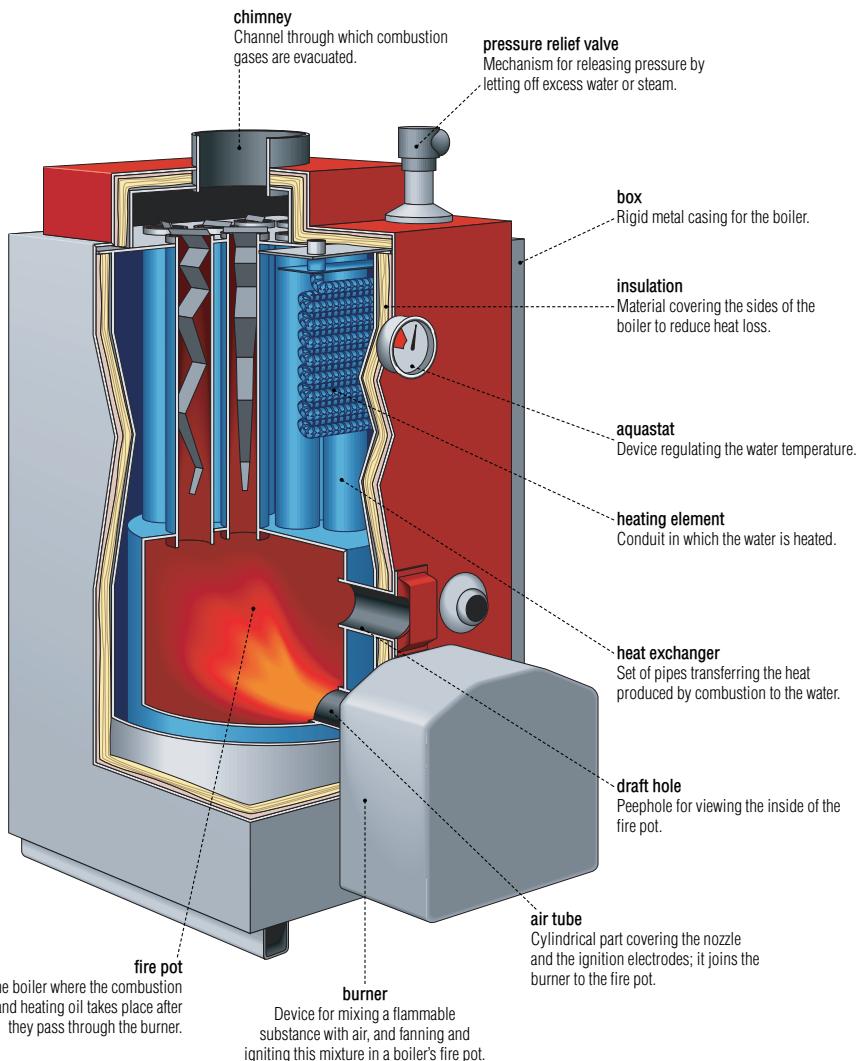
Device for mixing a flammable substance (heating oil) with air, then blowing and igniting this mixture in a boiler's fire pot.



forced hot-water system

boiler

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



column radiator

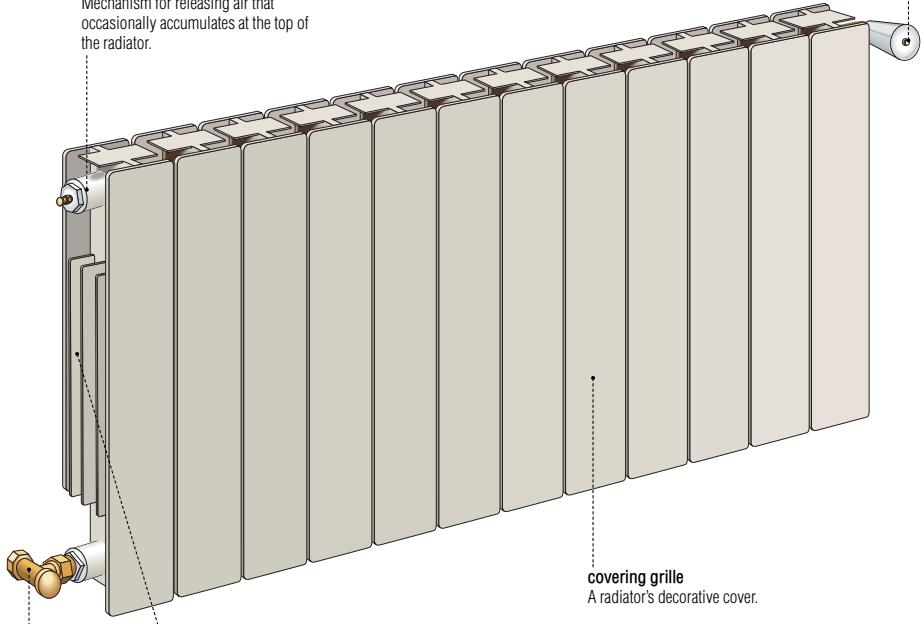
Device consisting of vertical columns through which hot water circulates; the inherent heat is transferred to the ambient air.

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

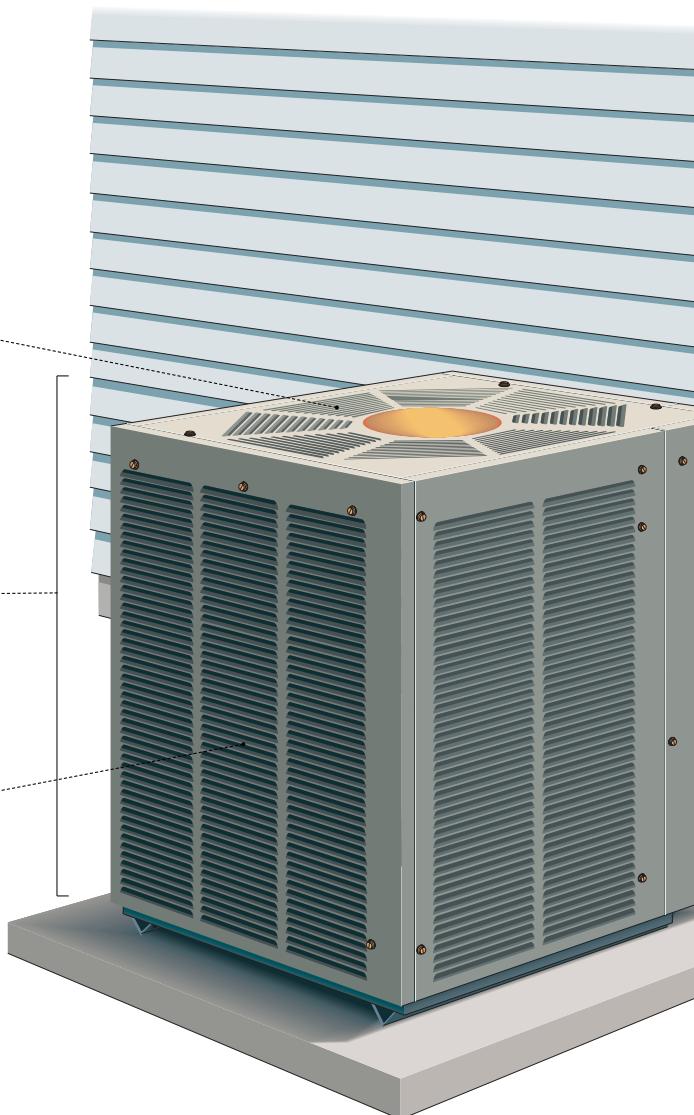
A radiator's decorative cover.

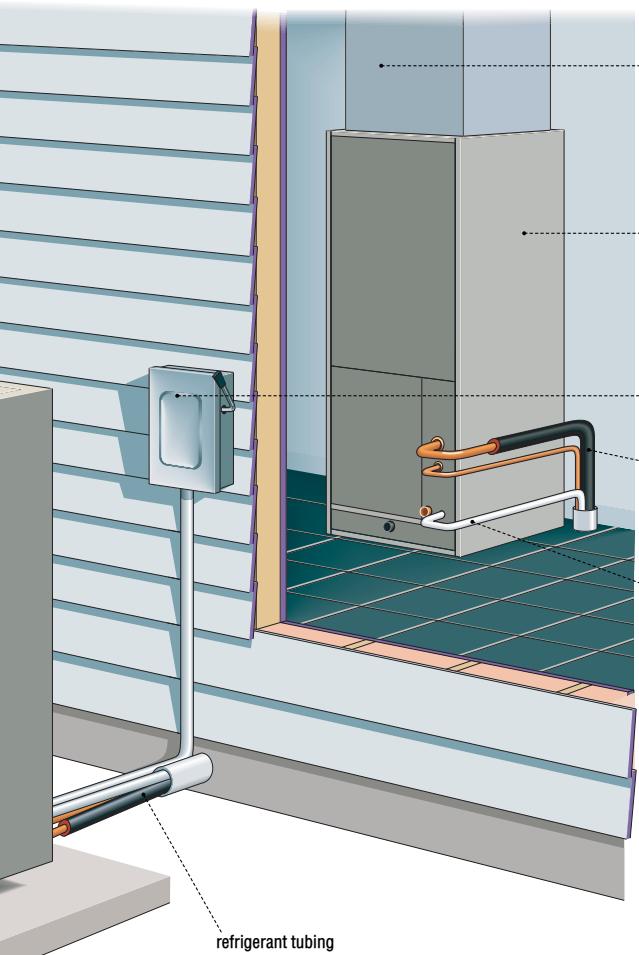
hot-water outlet

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.

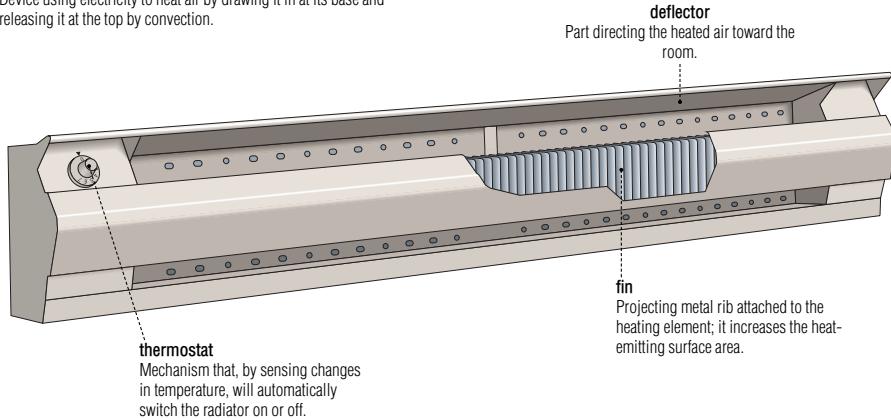
electric connection

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

auxiliary heating

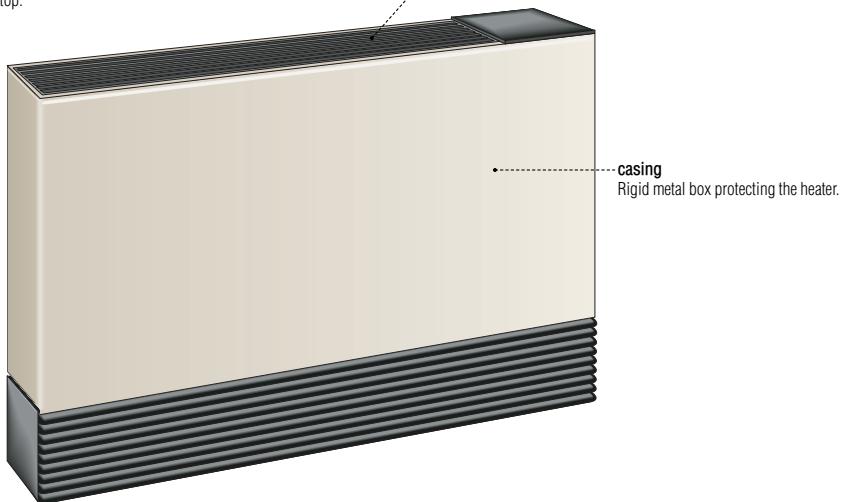
electric baseboard radiator

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.

**oil-filled heater**

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

**radiant heater**

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

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.

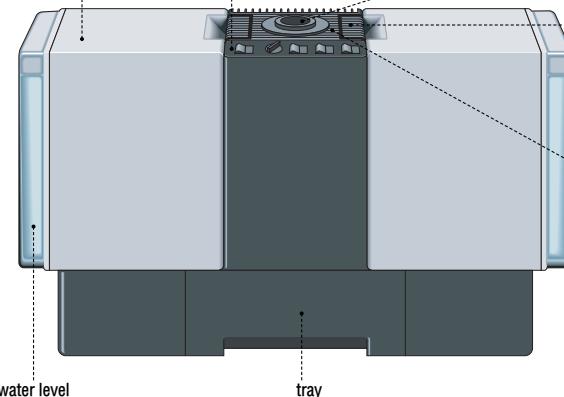
water tank
Reservoir containing the water to be vaporized in the room.

control panel
Panel containing the controls for operating the humidifier.

vaporizer
Device blending air with a fine mist of water before blowing it into the room.

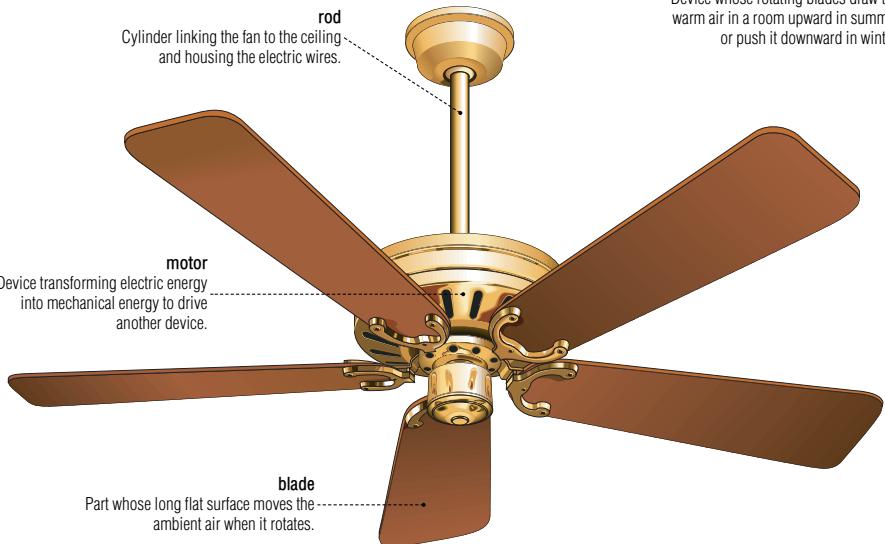
air filter
Device that absorbs dust suspended in the air.

vaporizing grille
Perforated panel dispersing the humidified air.



ceiling fan

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

**dehumidifier**

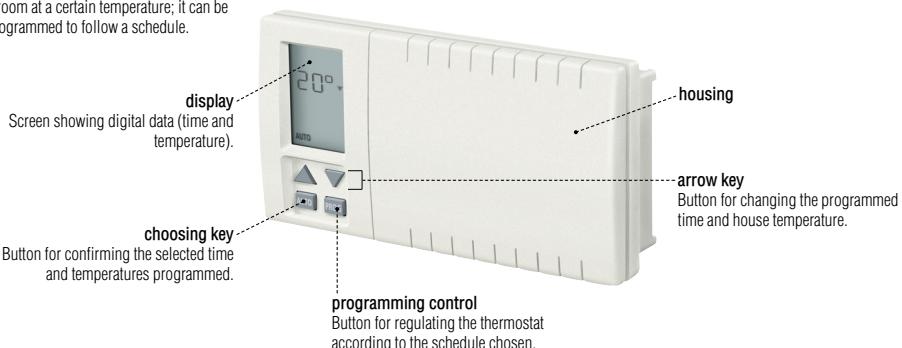
Device that lowers the humidity level in a room's air by cooling it.



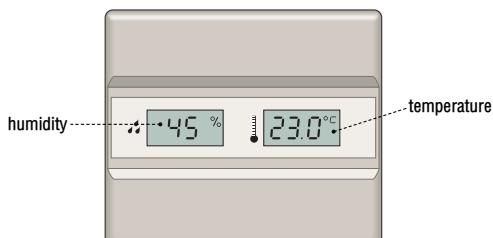
air-conditioning appliances

programmable thermostat

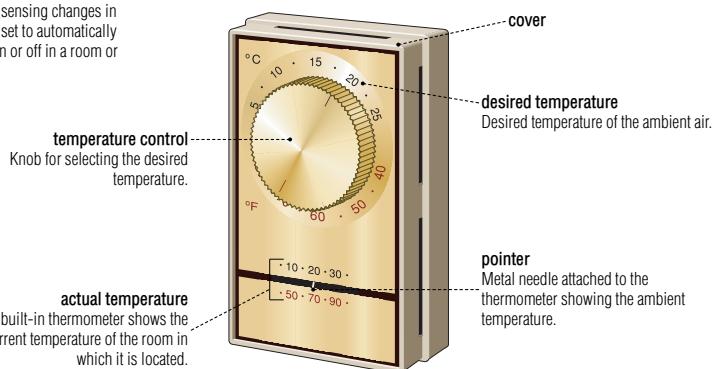
Electronic device for keeping a house or a room at a certain temperature; it can be programmed to follow a schedule.

**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.

fan motor

Device transforming electric energy into mechanical energy to drive a device; in this case, the fan.

louver

Device directing cool air into the room.

casing**evaporator blower**

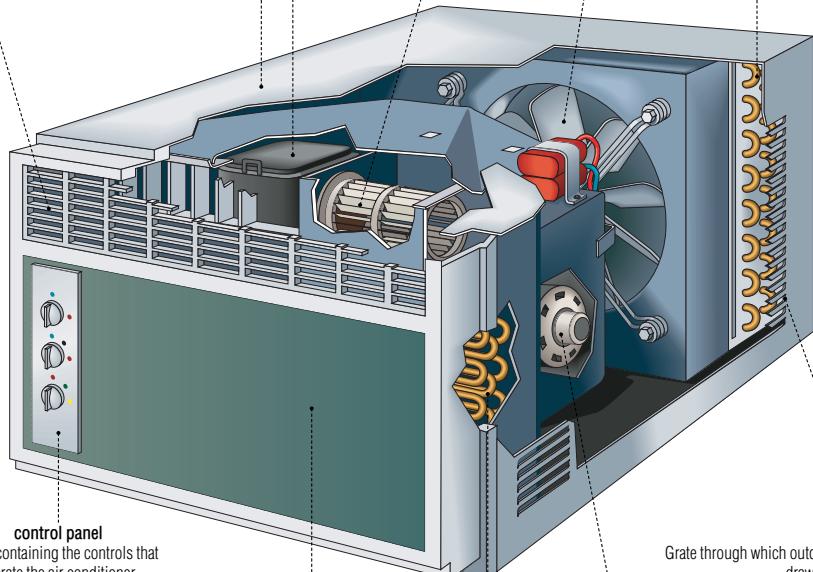
Device drawing in warm air from the room, directing it over the cold evaporator coils and then returning it to the room.

condenser fan

Propeller-shaped fan drawing outdoor air through the vents and over the hot condenser coils to cool them.

condenser coil

Tube in which the hot refrigerant dissipates the room's heat to the outdoors.

**control panel**

Panel containing the controls that operate the air conditioner.

grille

Grille through which the heated air is diffused in the room.

evaporator coil

Tube carrying refrigerant that absorbs the room's heat.

vent

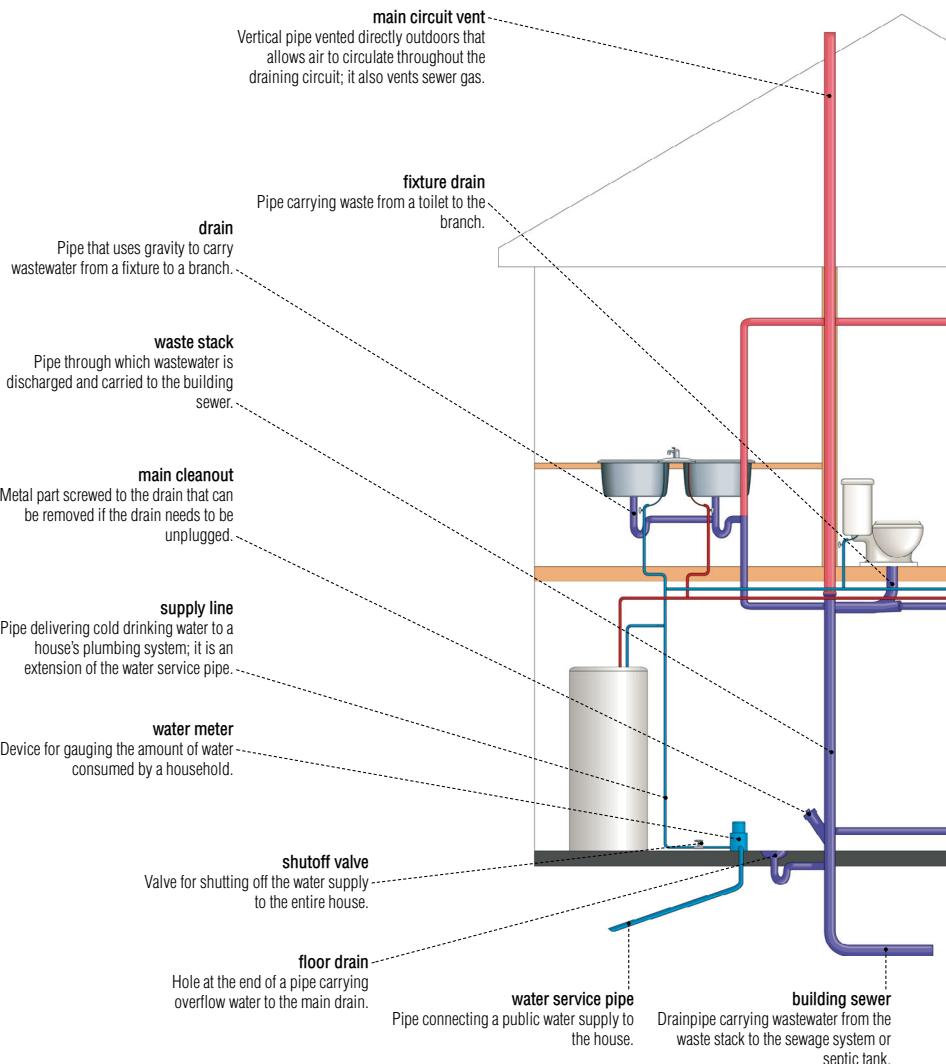
Grate through which outdoor air is drawn inward.

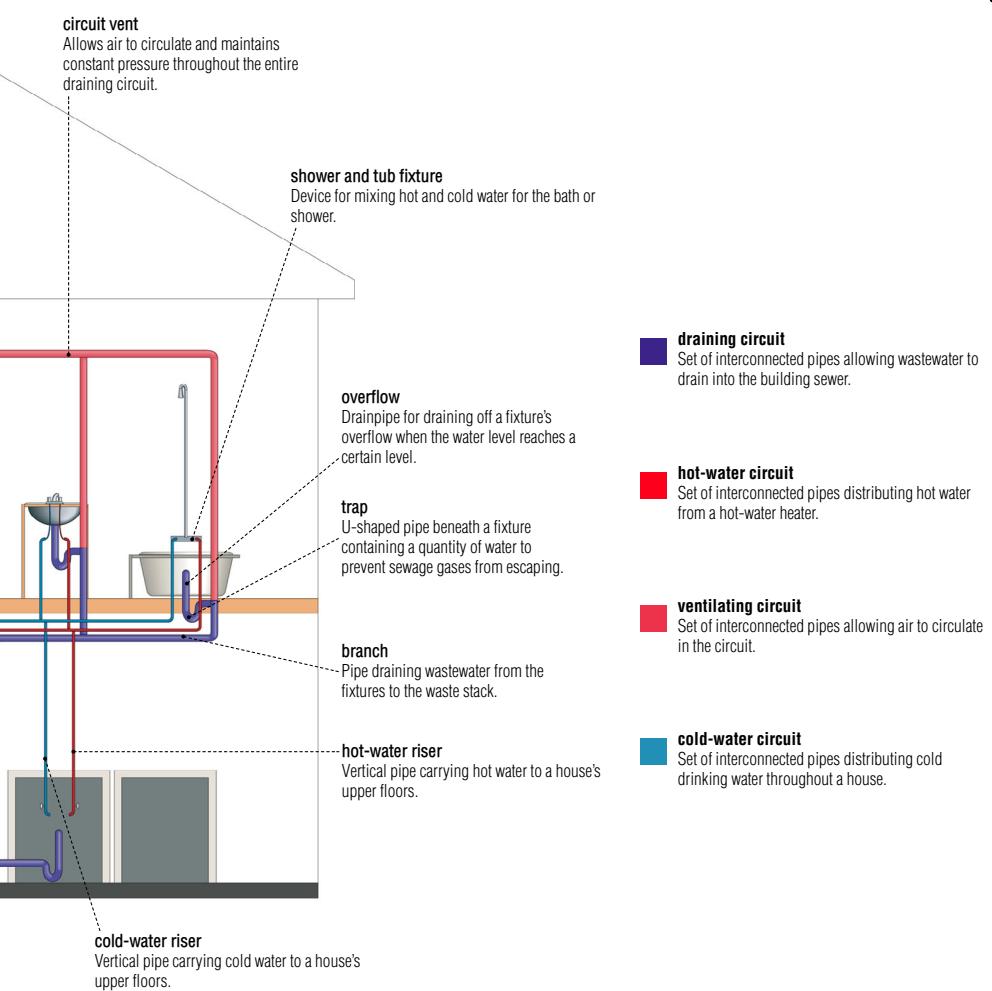
blower motor

Device transforming electric energy into mechanical energy to drive a device; in this case, the fan.

plumbing system

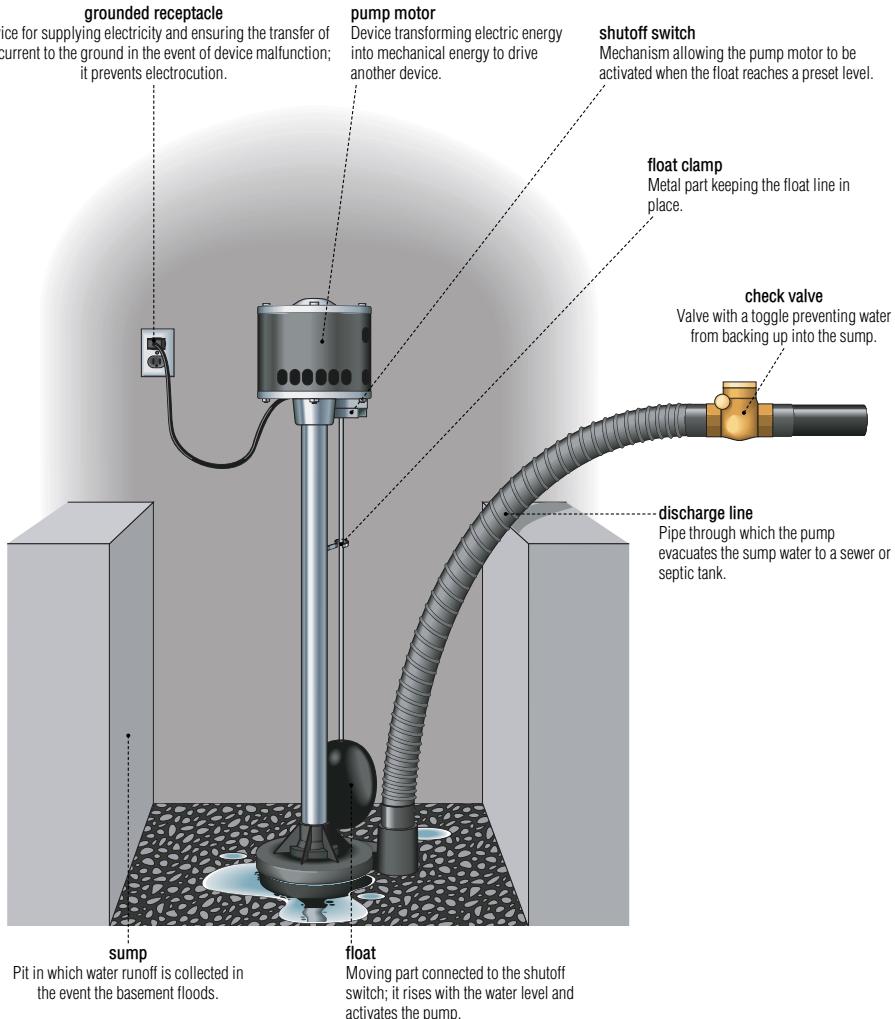
In a house, there are four plumbing systems enabling water to circulate: hot and cold water distribution, pipe ventilation and wastewater evacuation.



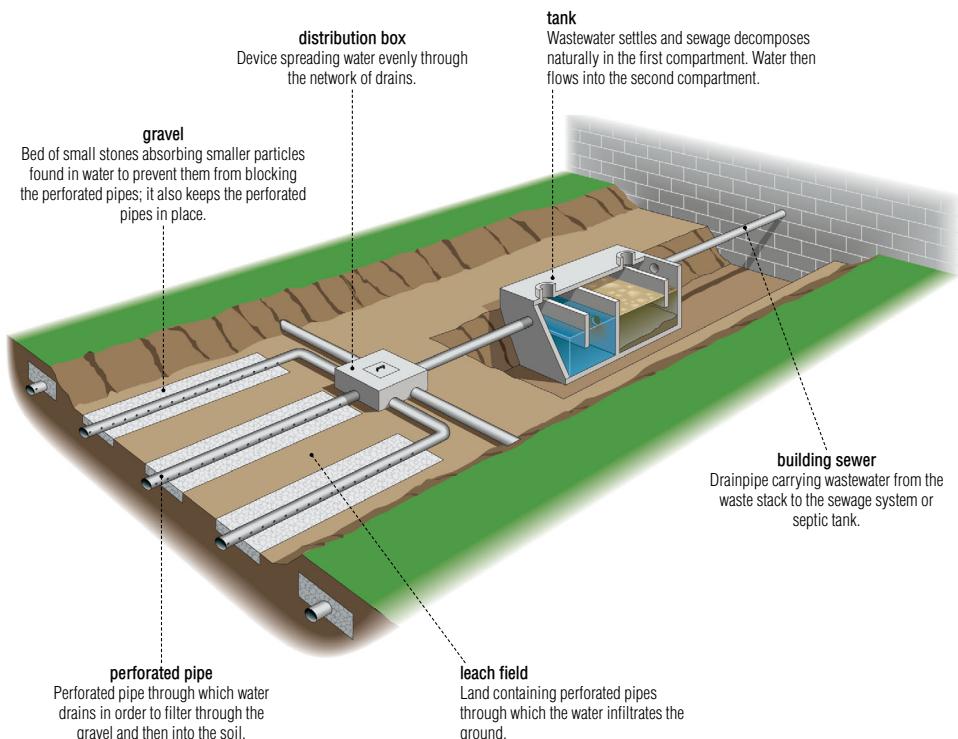


pedestal-type sump pump

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.



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

seat
Seat pierced with a hole; it can be raised or lowered.

tub platform
Raised floor section leading to the bathtub.

**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.

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

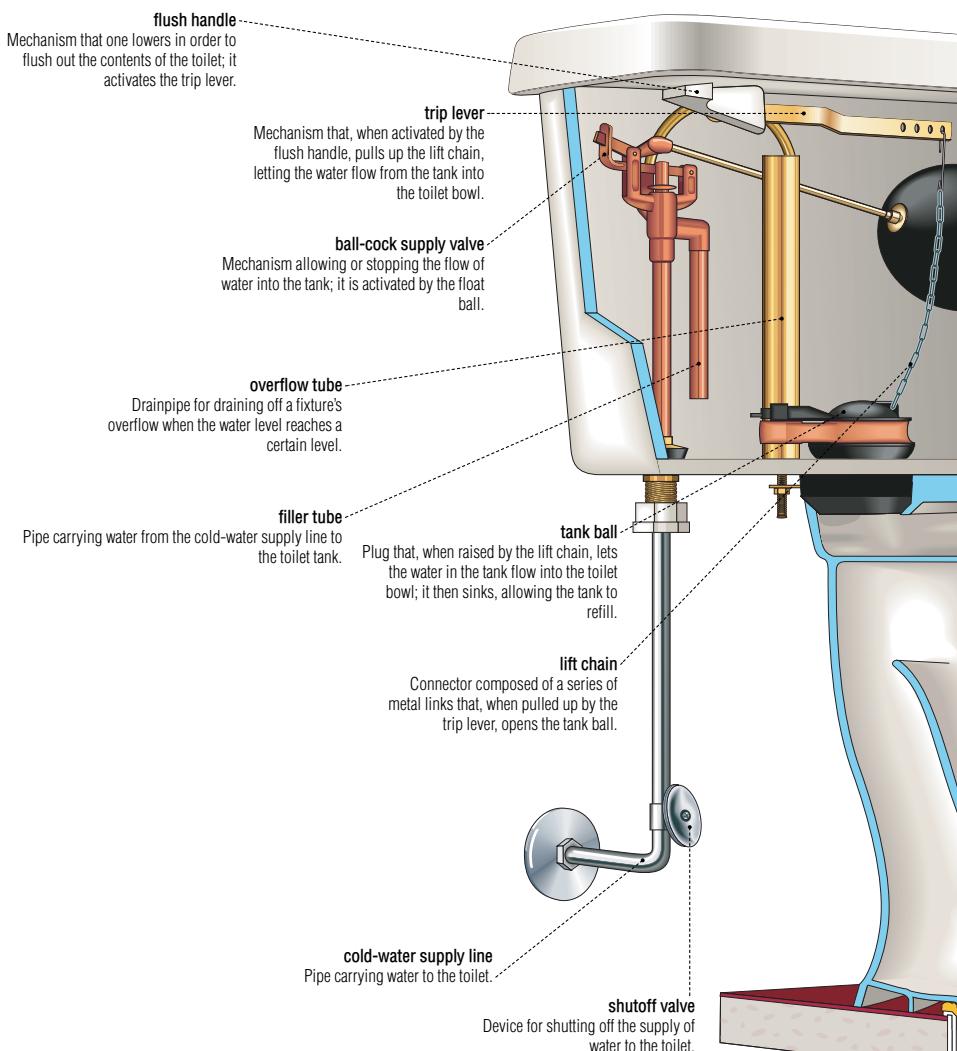
Drainpipe for draining off a fixture's overflow when the water level reaches a certain level.

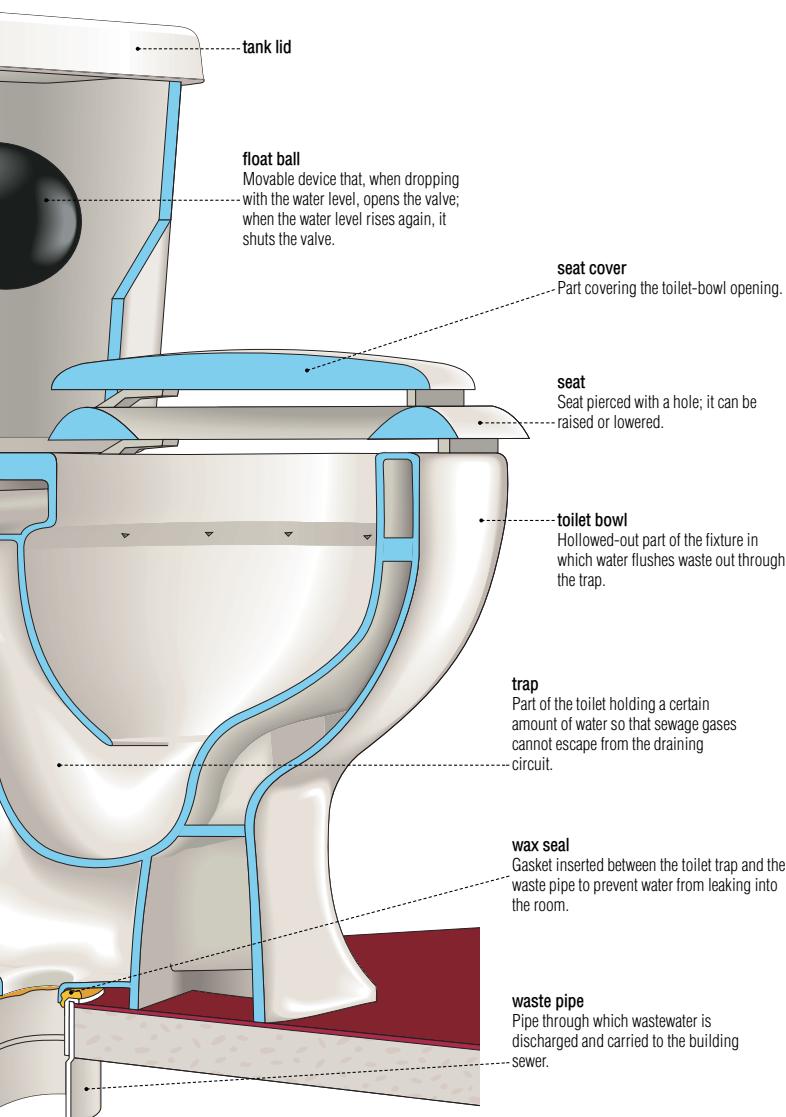
-soap dish**towel bar****vanity cabinet**

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.

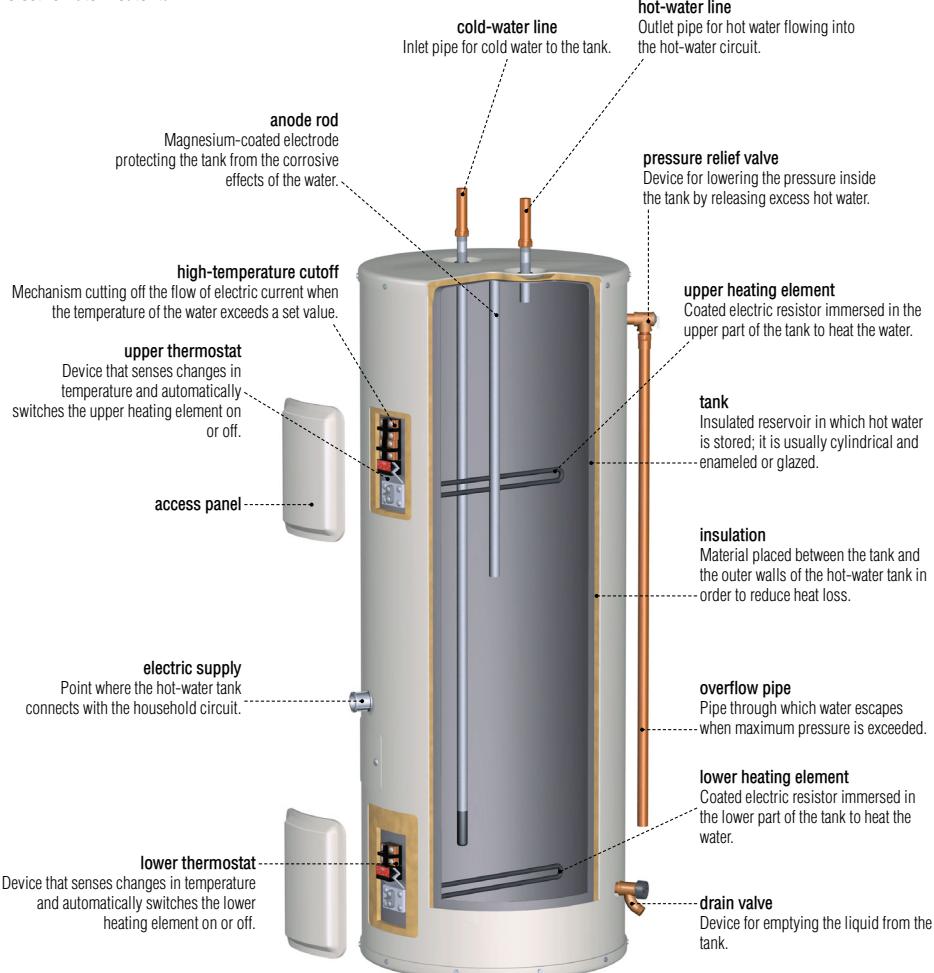


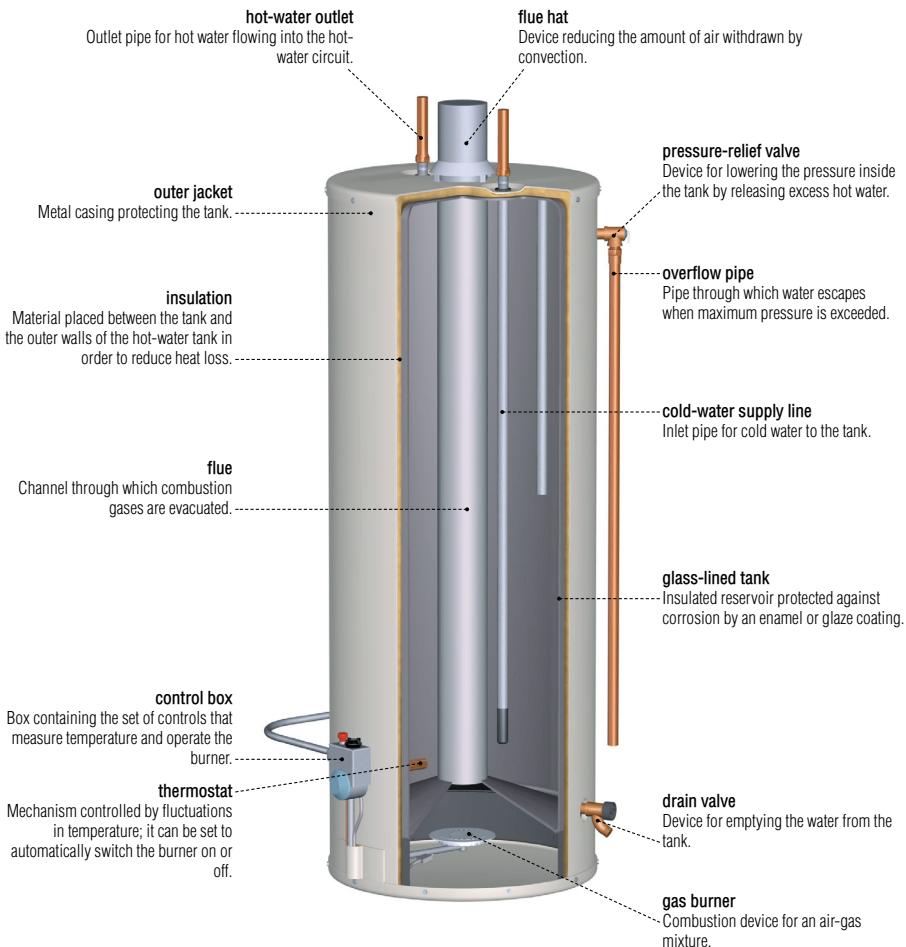


water-heater tank

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

electric water-heater tank



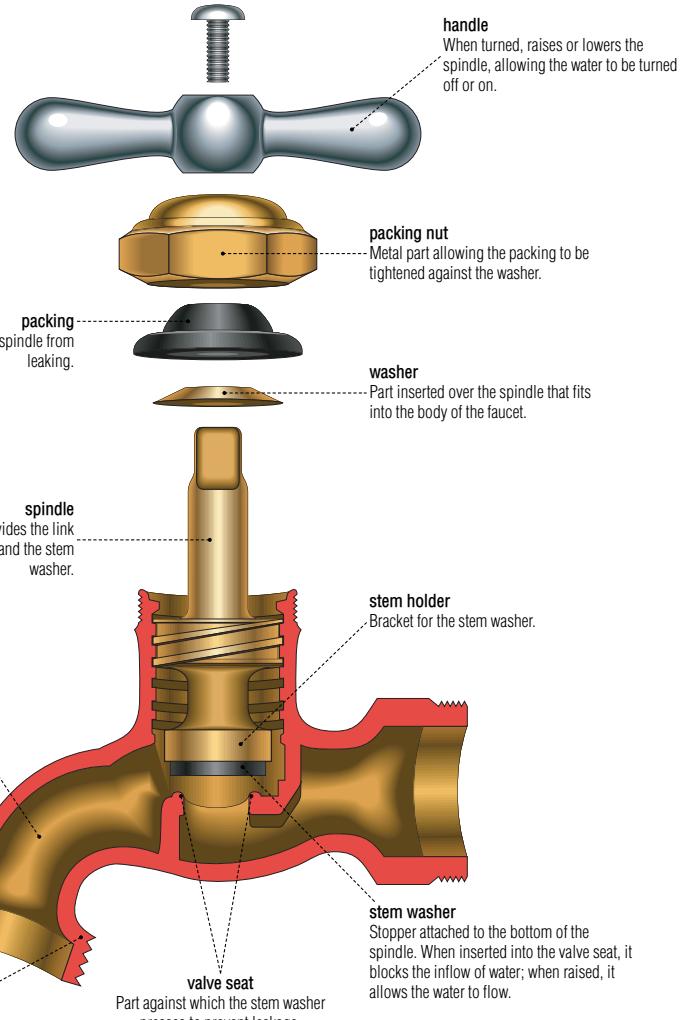


faucets

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.

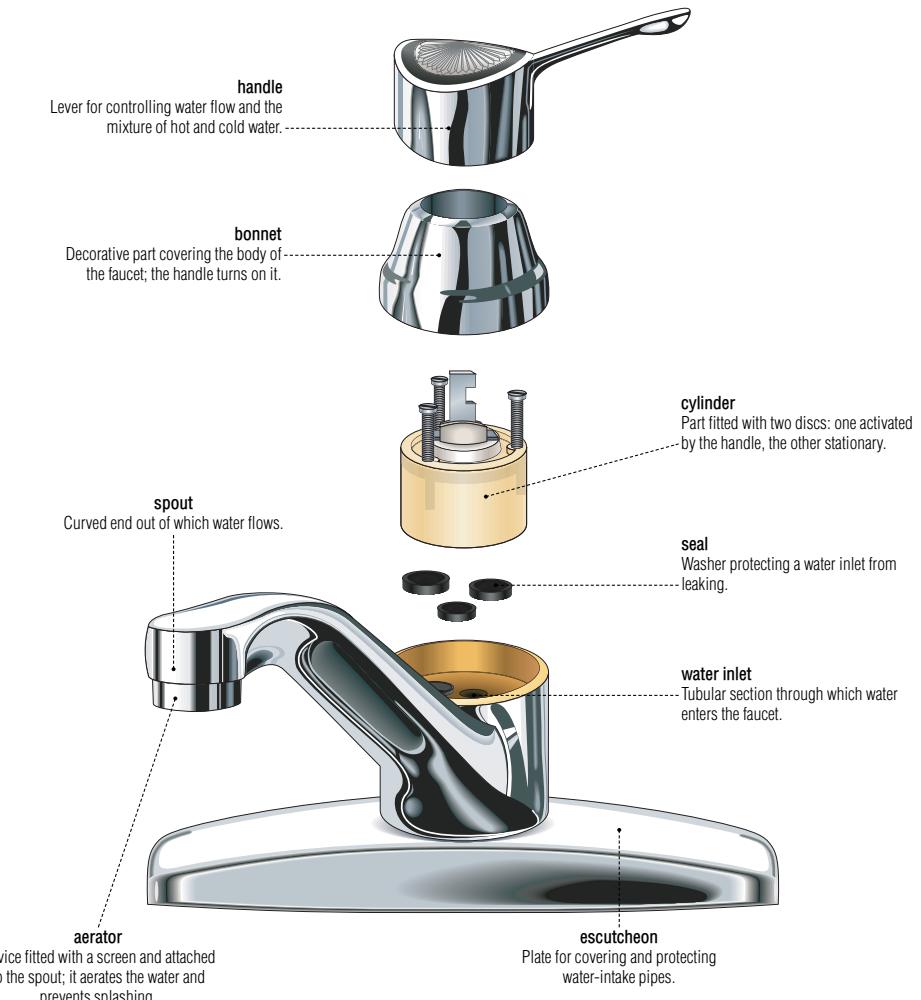
stem faucet

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



disc faucet

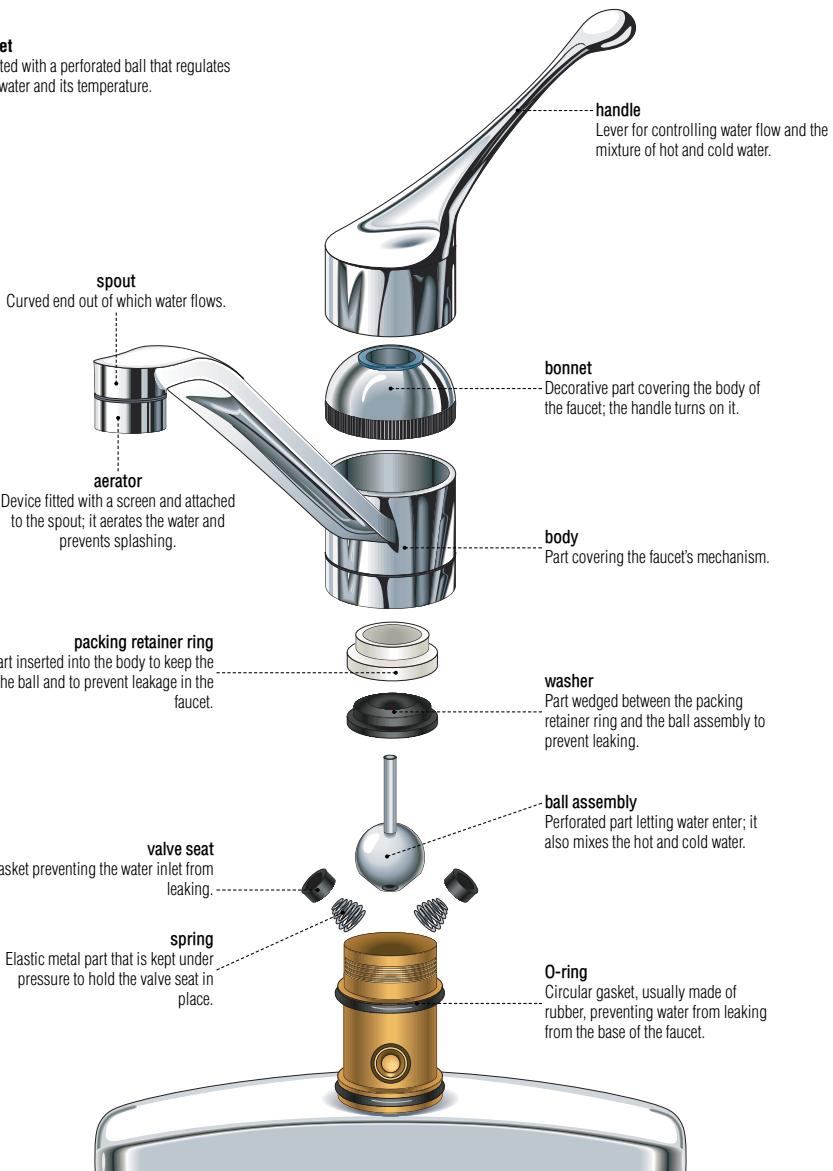
Type of faucet fitted with two perforated discs that regulate the water's flow and its temperature.



faucets

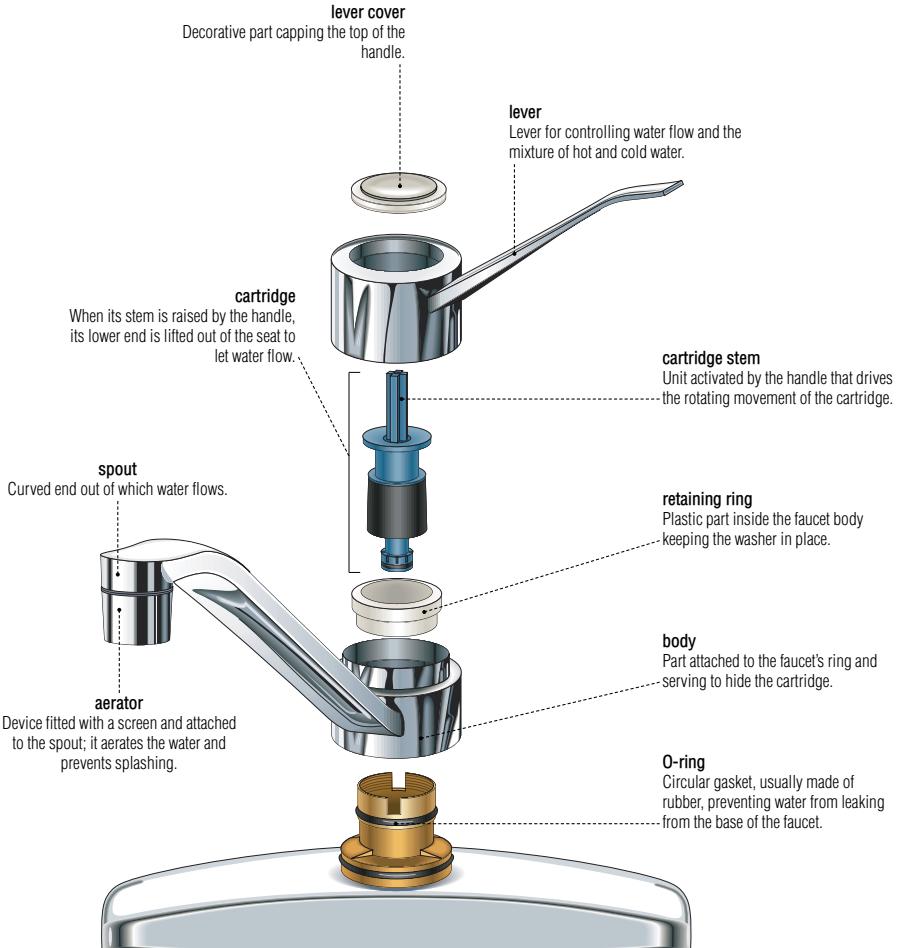
ball-type faucet

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



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.



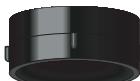
square head plug

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°.

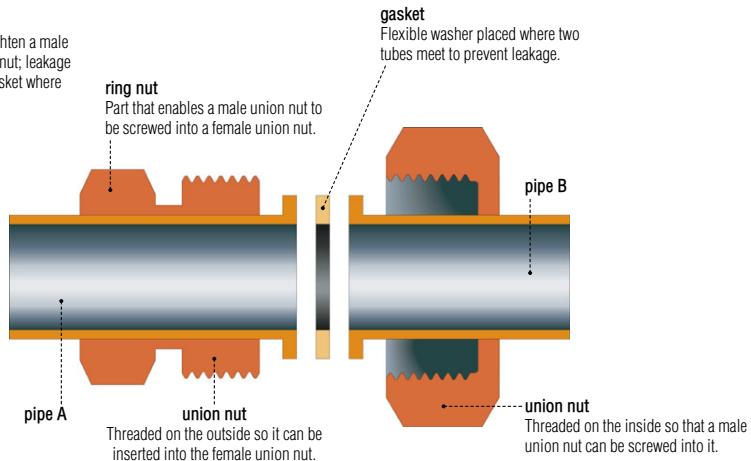
fittings

mechanical connectors

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

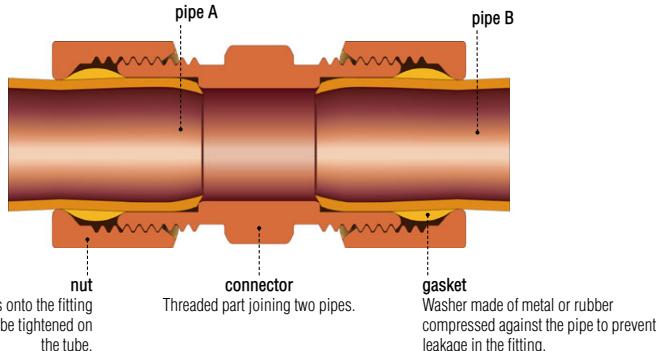
union

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.



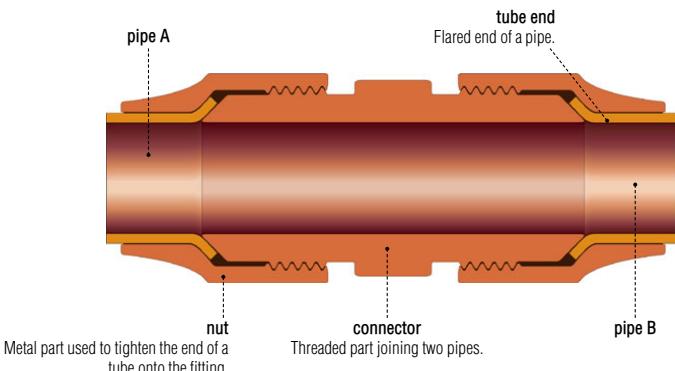
compression fitting

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

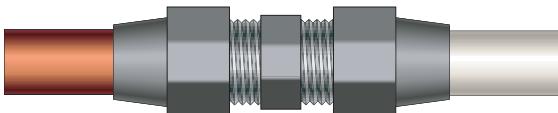


flare joint

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

**steel to plastic**

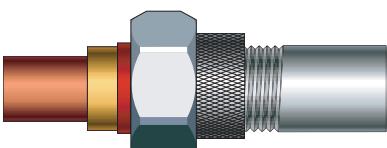
The tubes are joined by a threaded tube for the steel end, and by compression coupling or, for a plastic end, by gluing.

**copper to plastic**

The tubes are joined by union or compression coupling.

examples of transition fittings

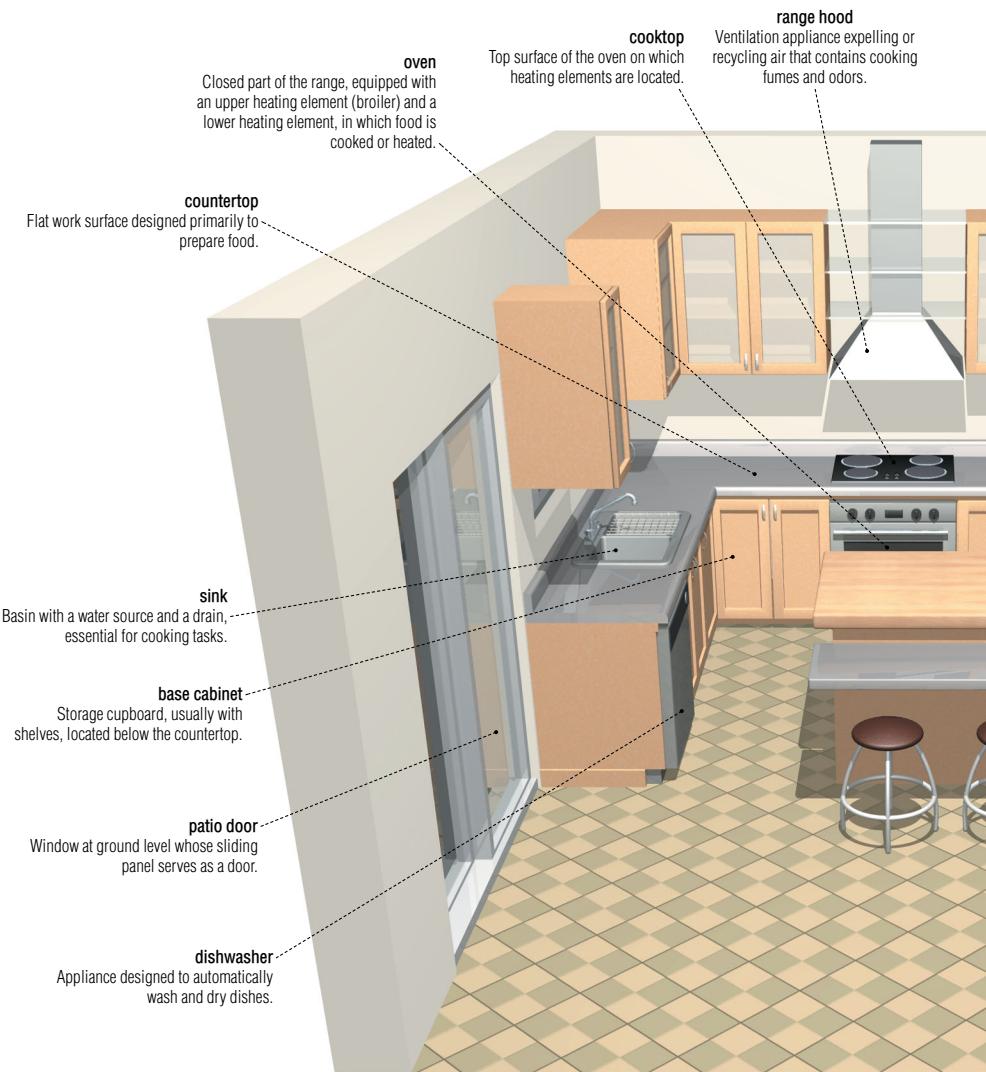
Transition fittings allow tubes of different materials to be joined.

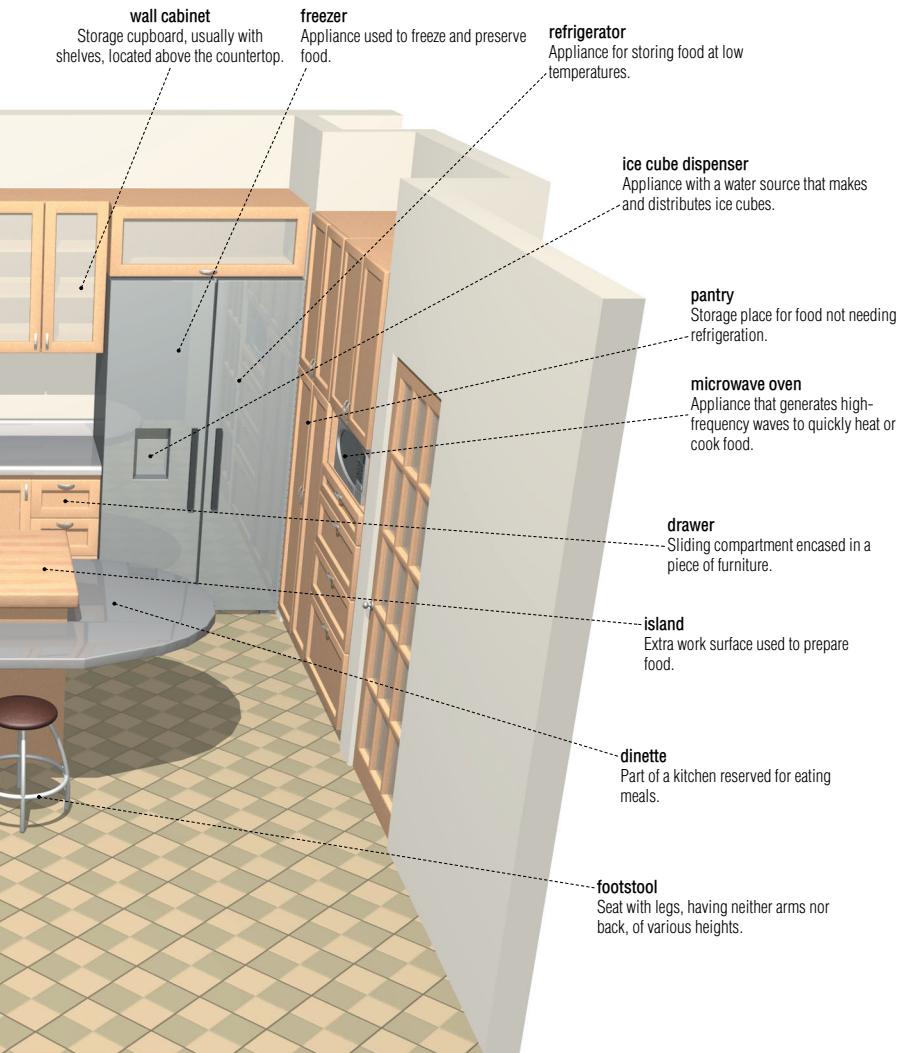
**copper to steel**

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

kitchen

Room where meals are prepared.



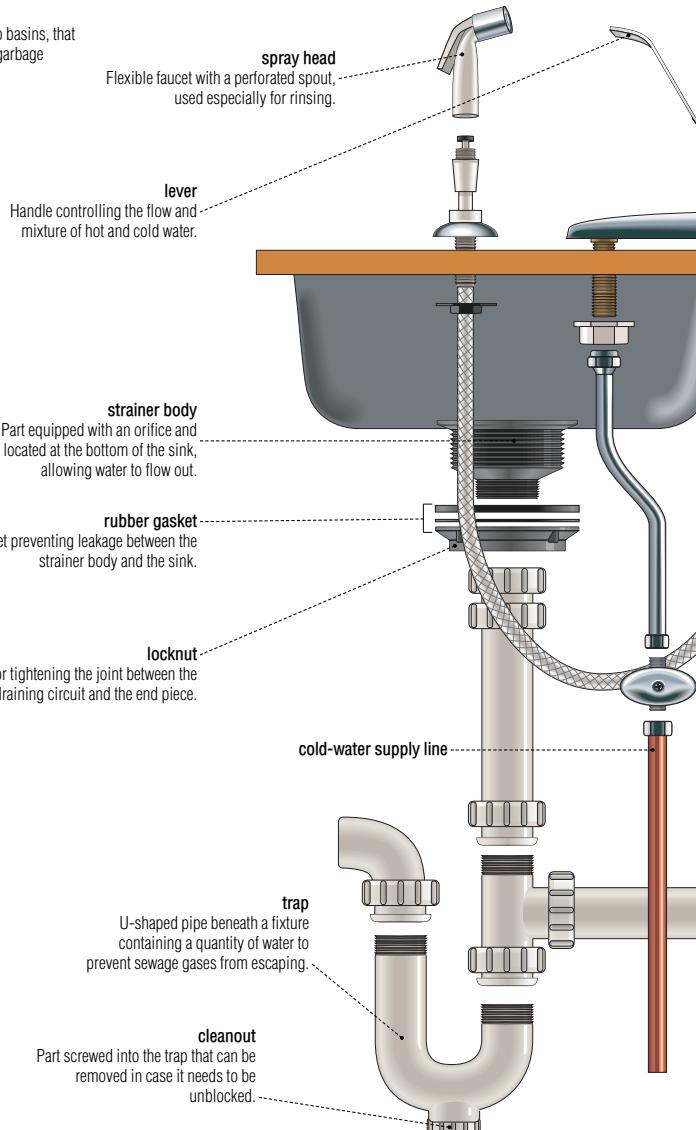


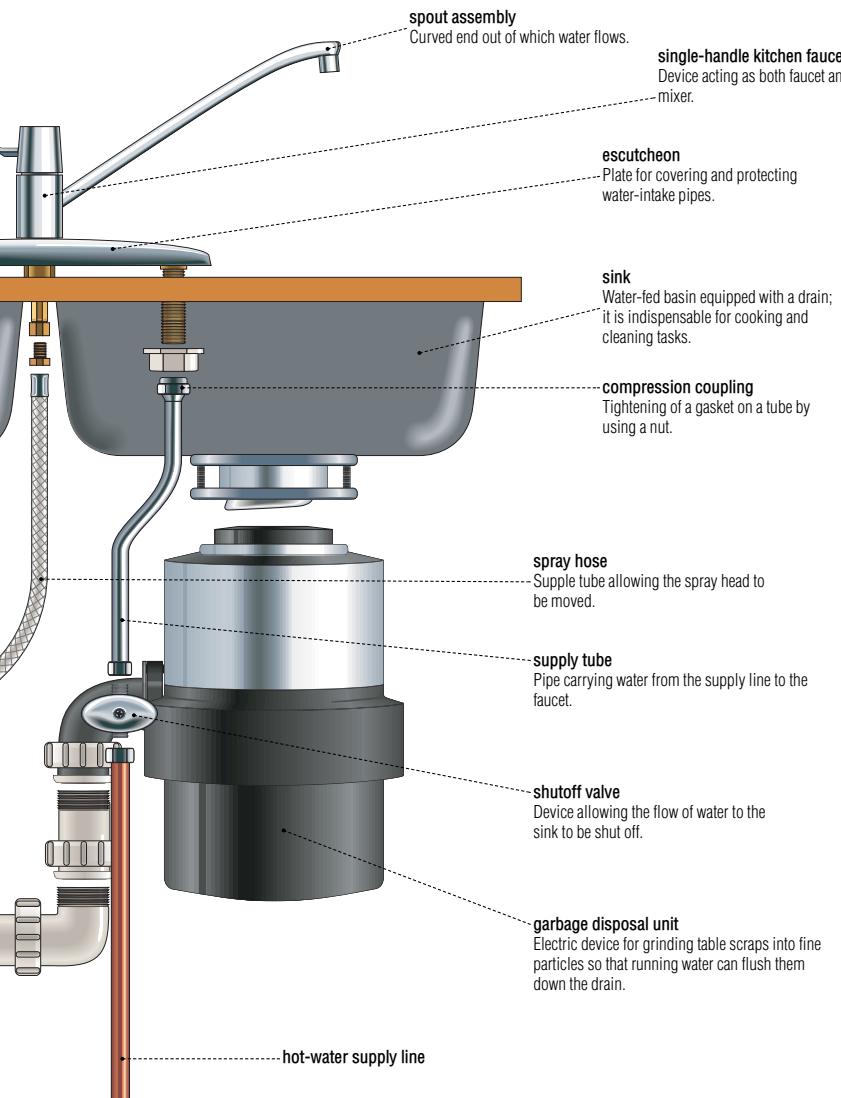
examples of branching

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.

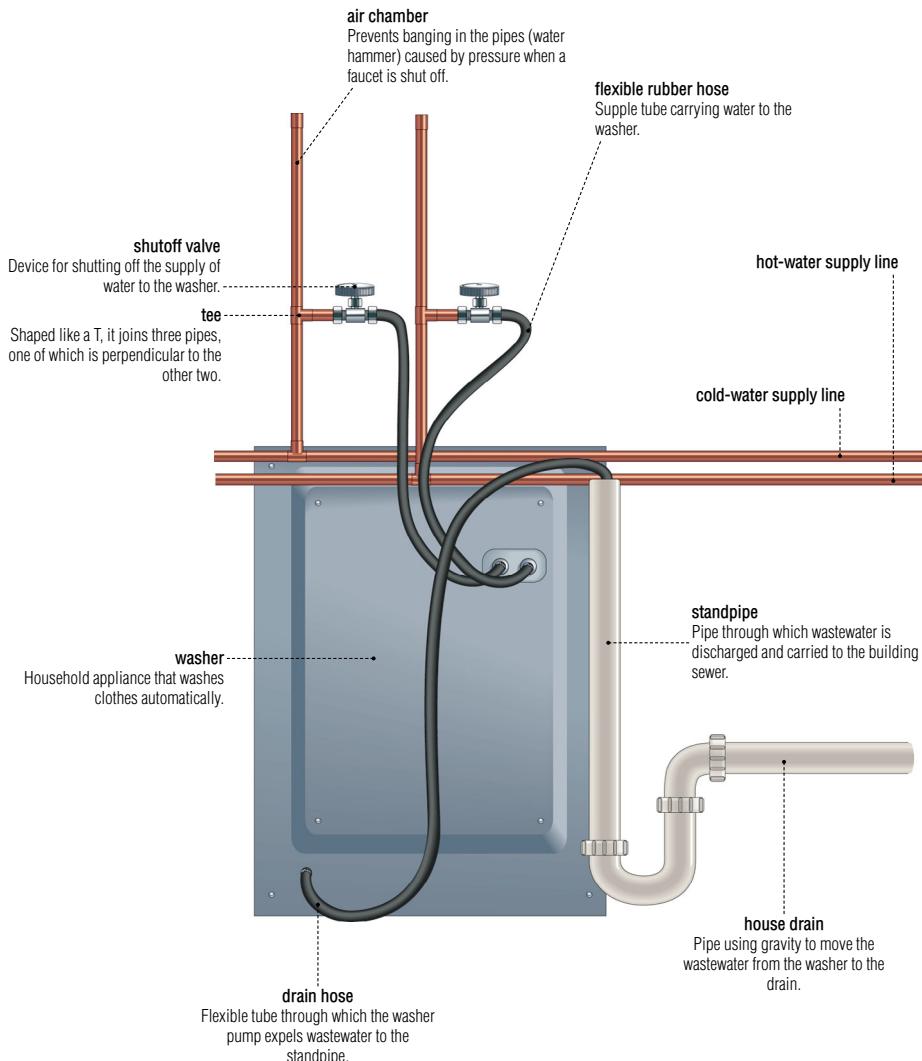




examples of branching

washer

Household appliance that washes clothes automatically.



dishwasher

Appliance designed to automatically wash and dry dishes.

air chamber

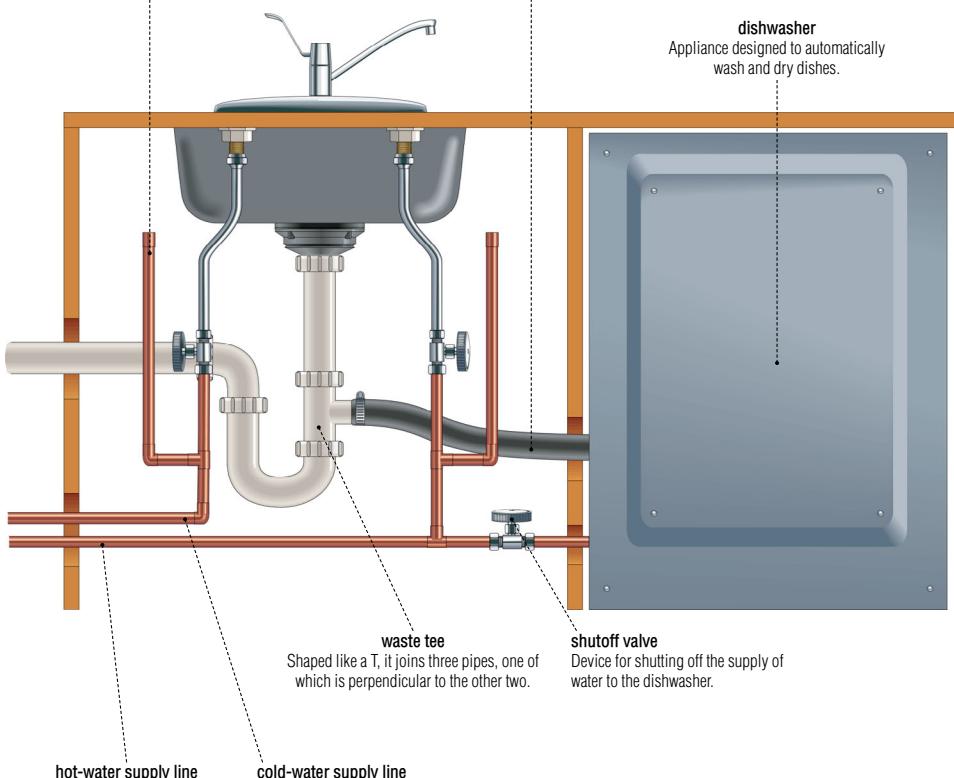
Prevents banging in the pipes (water hammer) caused by pressure when a faucet is shut off.

drain hose

Pipe collecting wastewater from the dishwasher and carrying it to the drain.

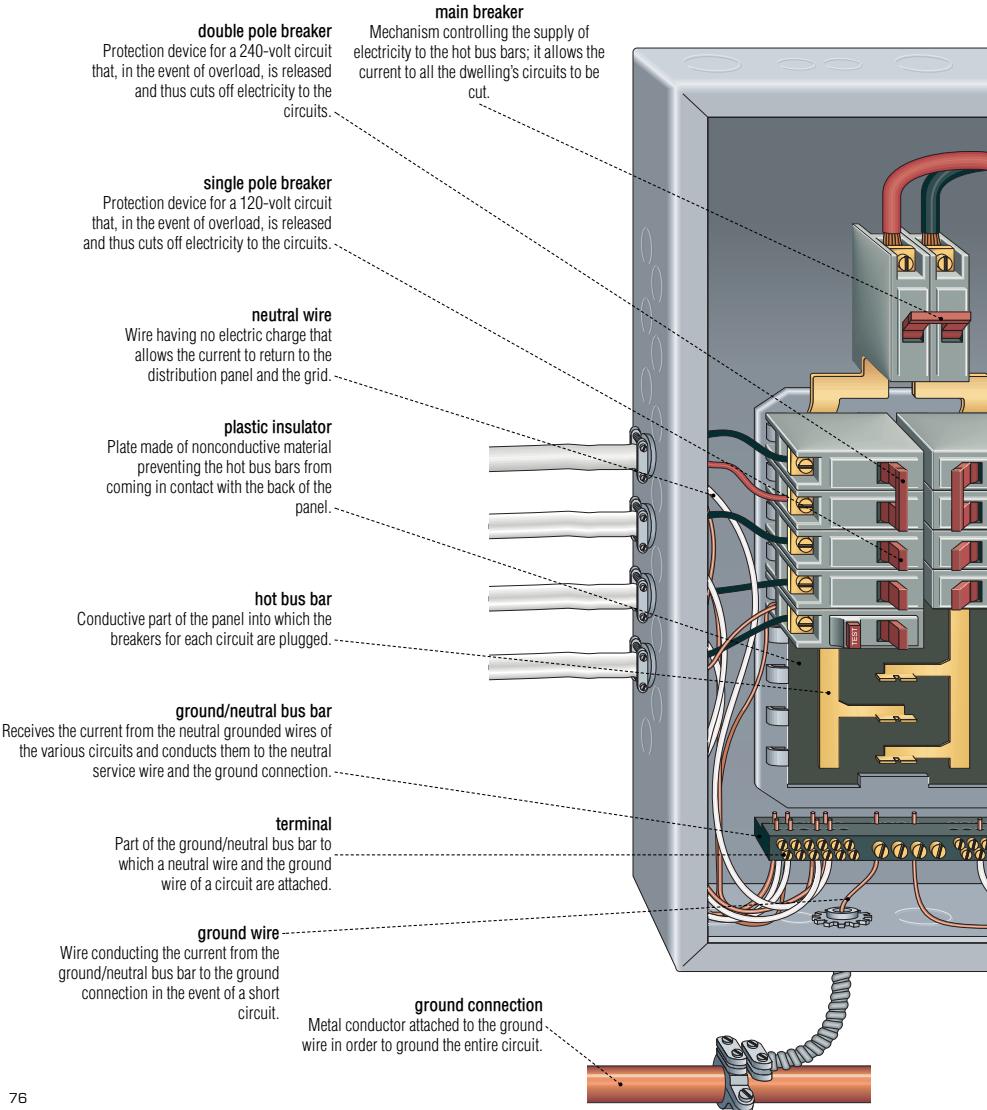
dishwasher

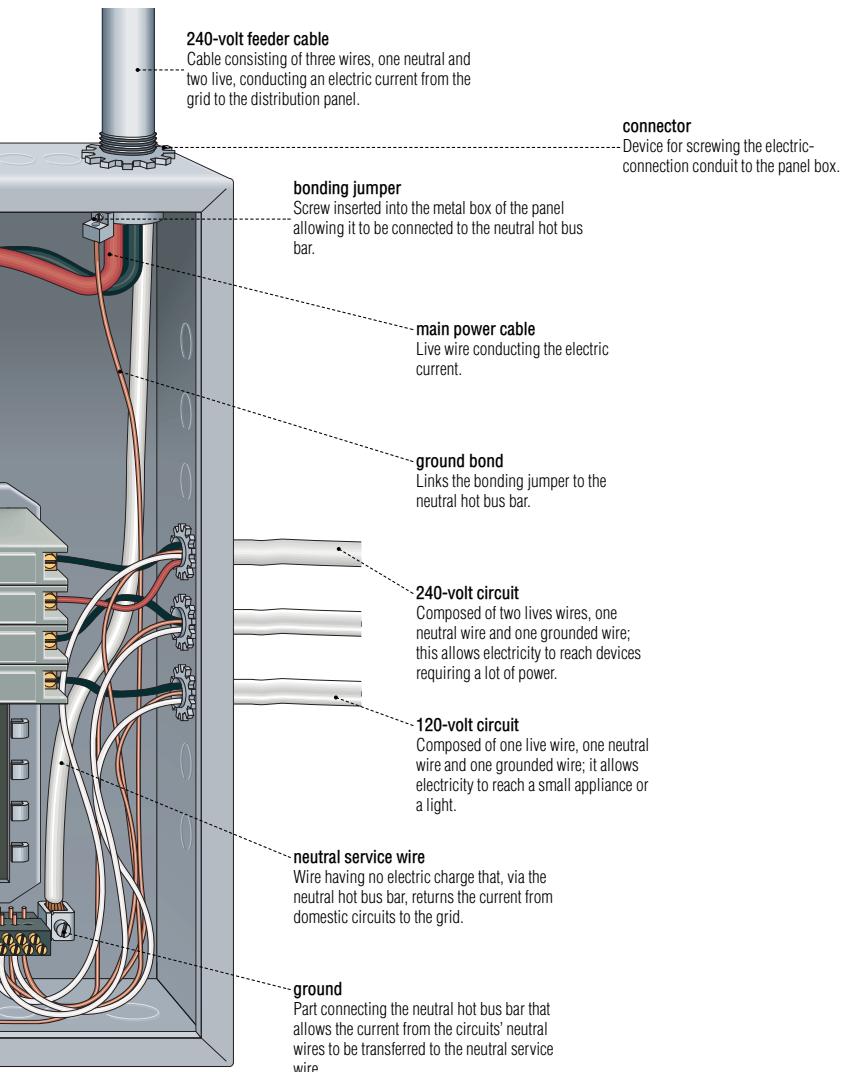
Appliance designed to automatically wash and dry dishes.



distribution panel

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





distribution panel

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.

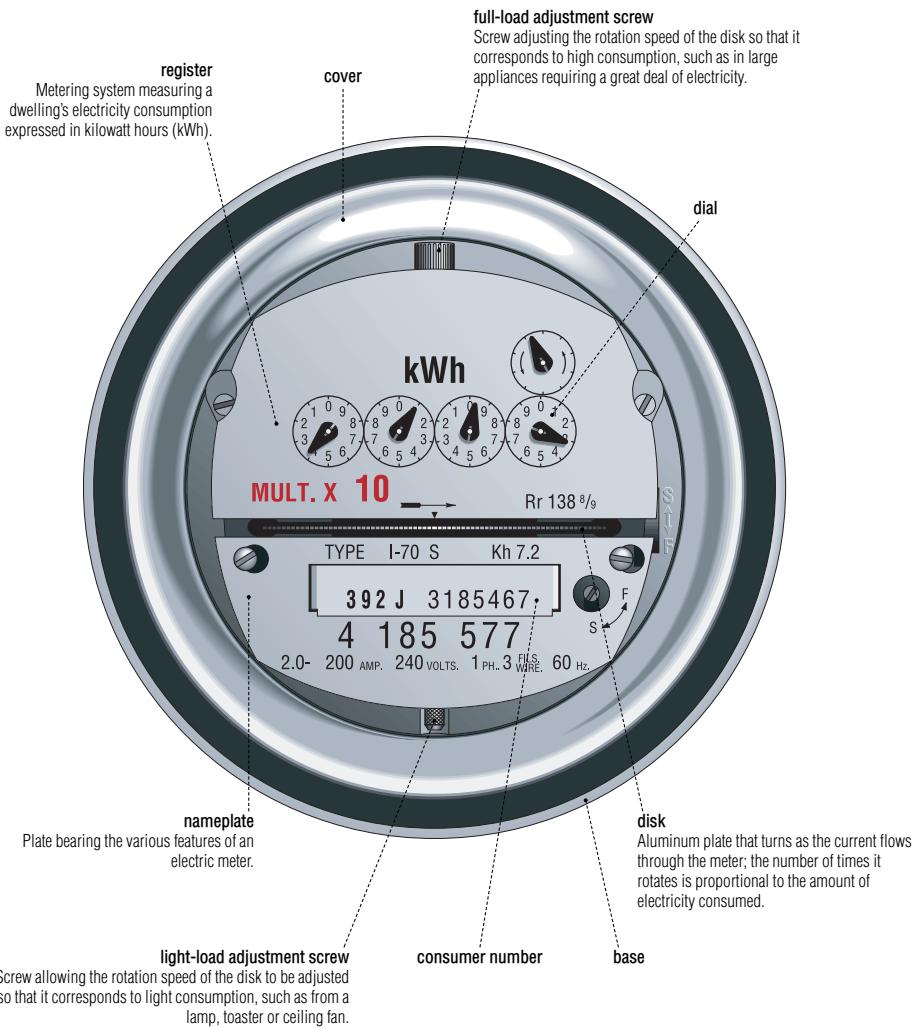
**cartridge fuse**

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.

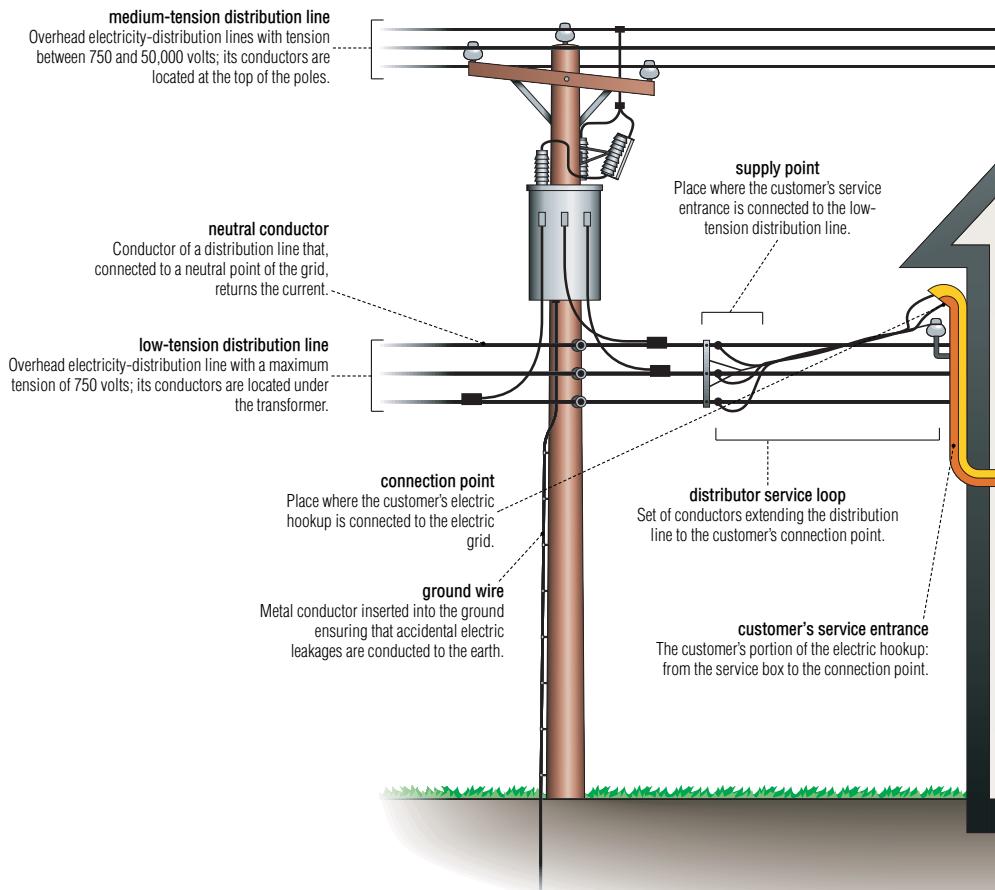
Device measuring the consumption of electricity by a dwelling.

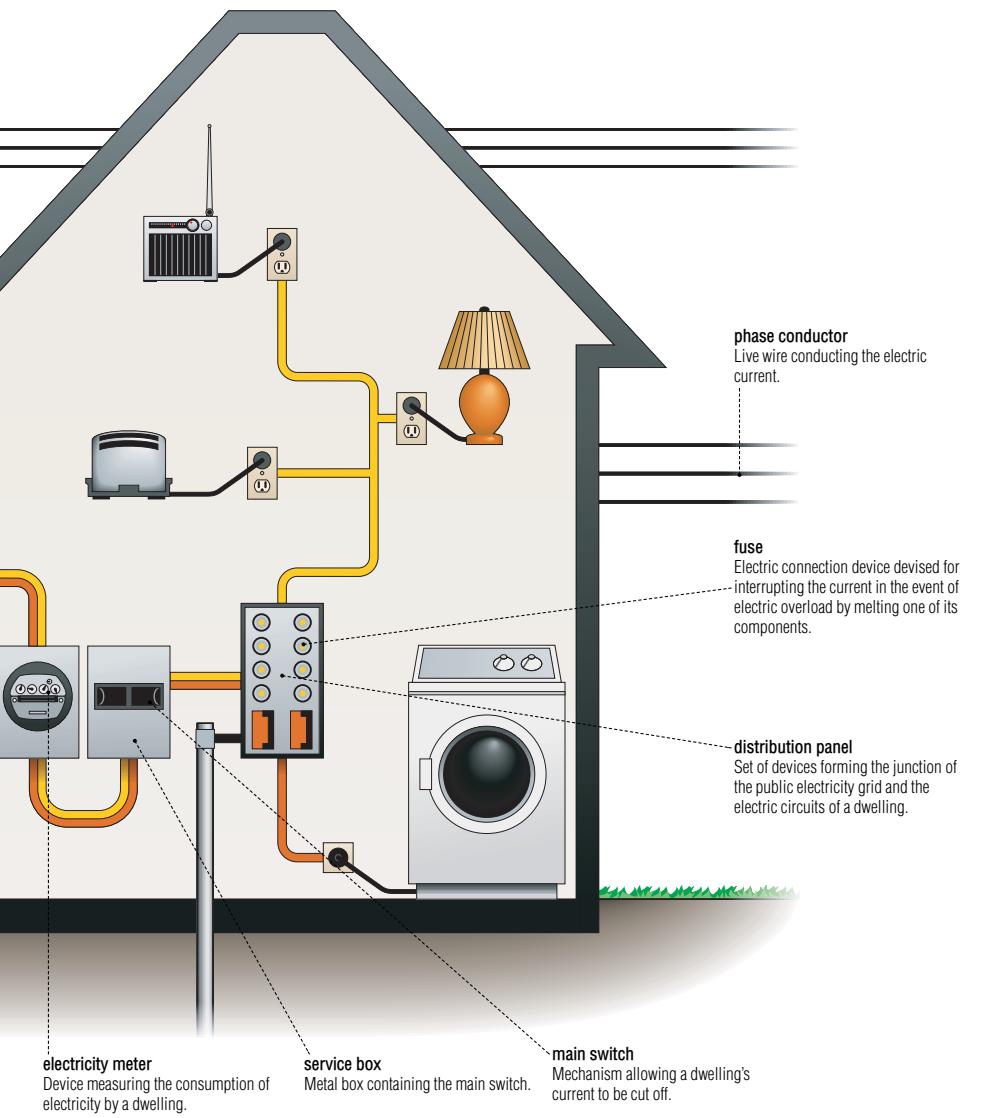


Screw allowing the rotation speed of the disk to be adjusted so that it corresponds to light consumption, such as from a lamp, toaster or ceiling fan.

network connection

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



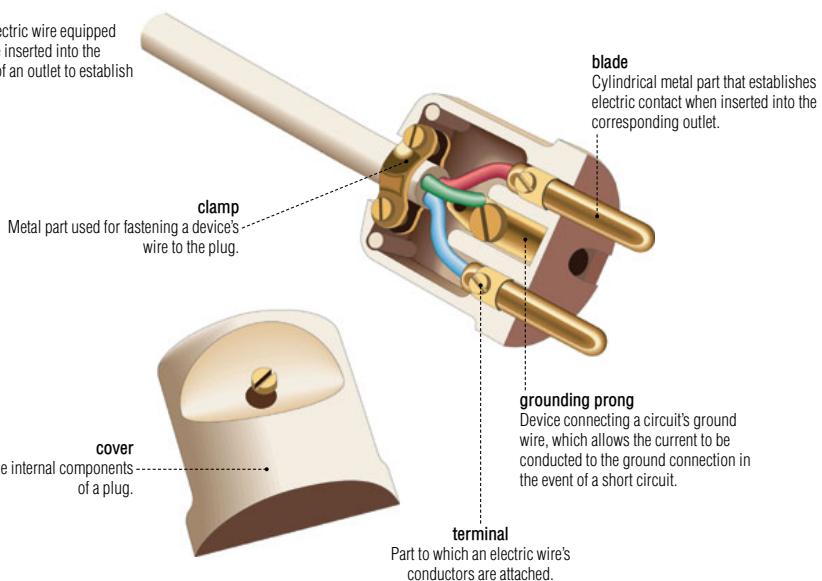


contact devices

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.



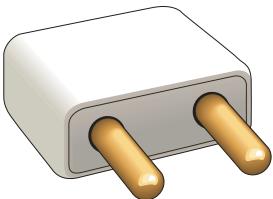
European outlet

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

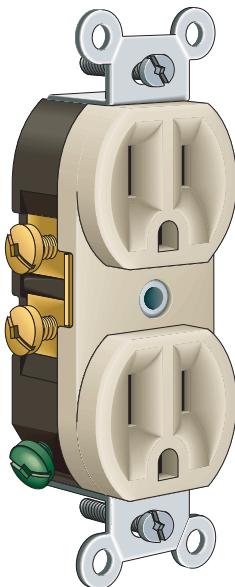


plug adapter

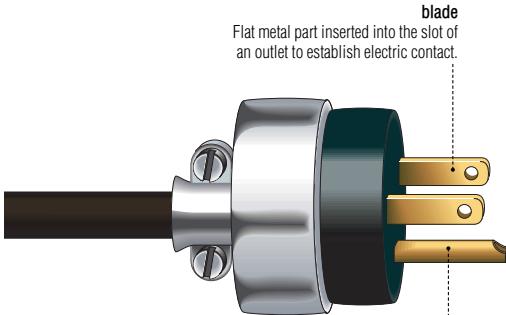
Electric accessory adapting a plug to an outlet of a different configuration.

**outlet**

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

**American plug**

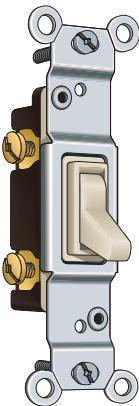
End part of an electric wire equipped with blades that are inserted into an outlet to establish contact.

**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.

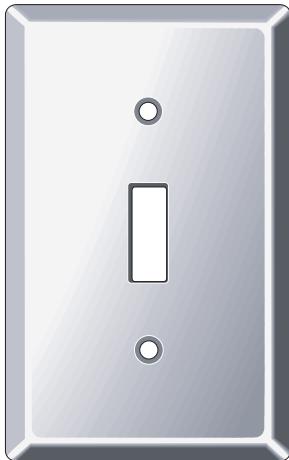
contact devices

**switch**

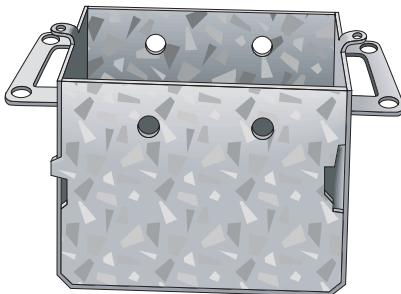
Mechanism allowing the current in an electric circuit to be established or interrupted.

**dimmer switch**

Switch for varying the brightness of a lighting installation.

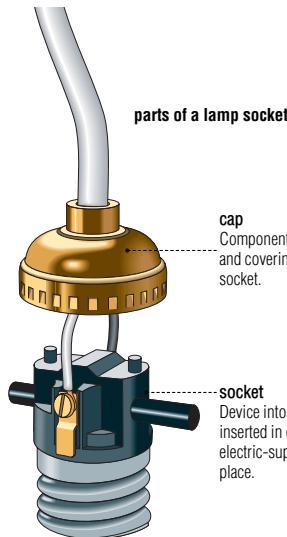
**switch plate**

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.

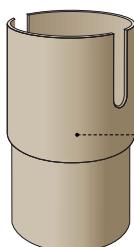
Set of devices allowing light to be diffused in a dwelling.

**cap**

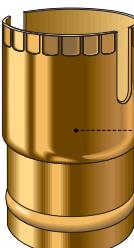
Component fitting onto the outer shell and covering the upper end of a lamp's socket.

socket

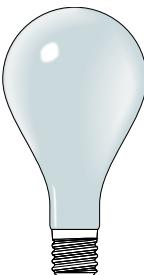
Device into which a lamp's base is inserted in order to connect it to the electric-supply circuit and to keep it in place.

**insulating sleeve**

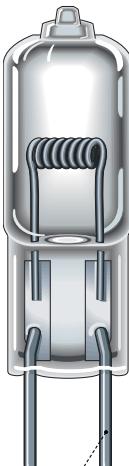
Component protecting the outer shell from the heat.

**outer shell**

Decorative component covering the socket and the insulating sleeve.



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



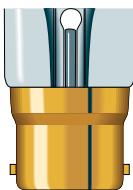
Lamp that is brighter and lasts longer than a traditional incandescent lamp, but that lets off more heat.

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**

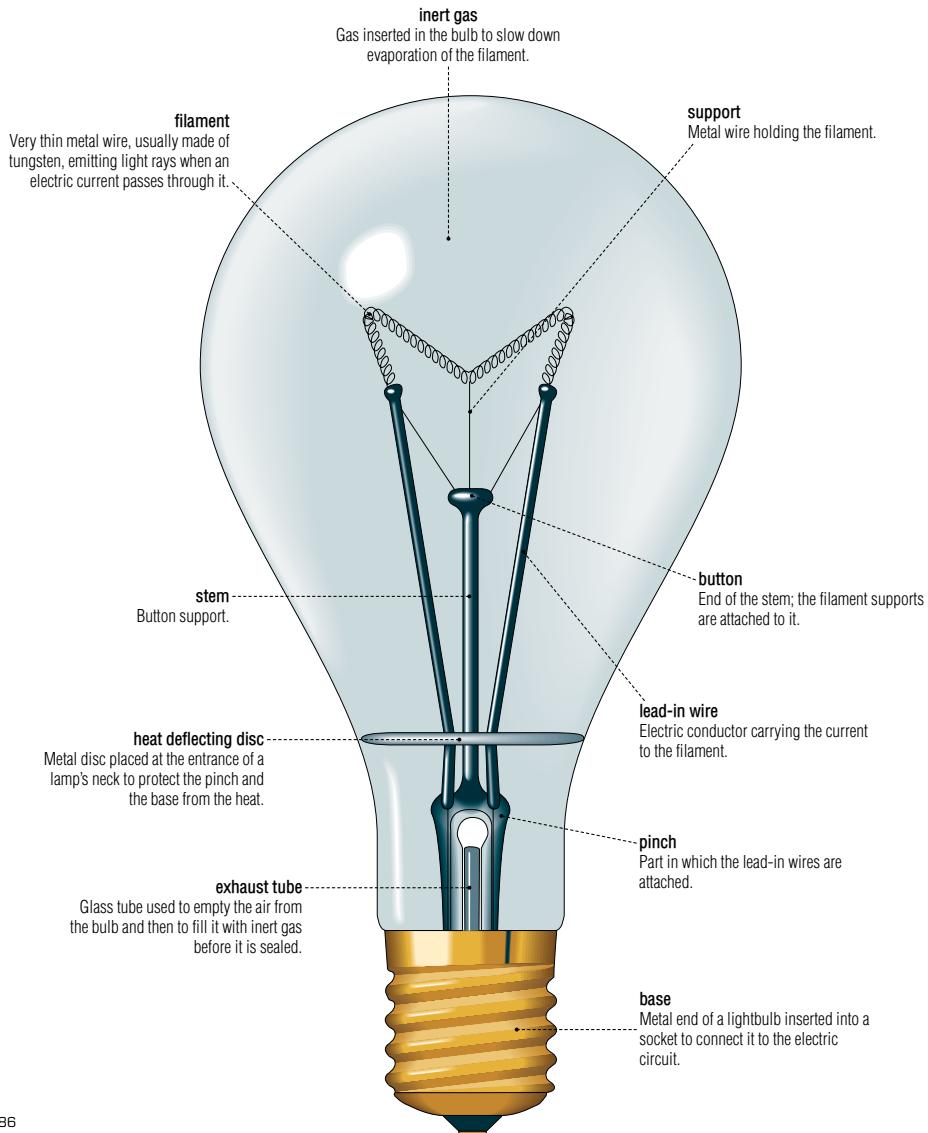
Base fitted with a screw pitch so it can be inserted into the corresponding socket.



lighting

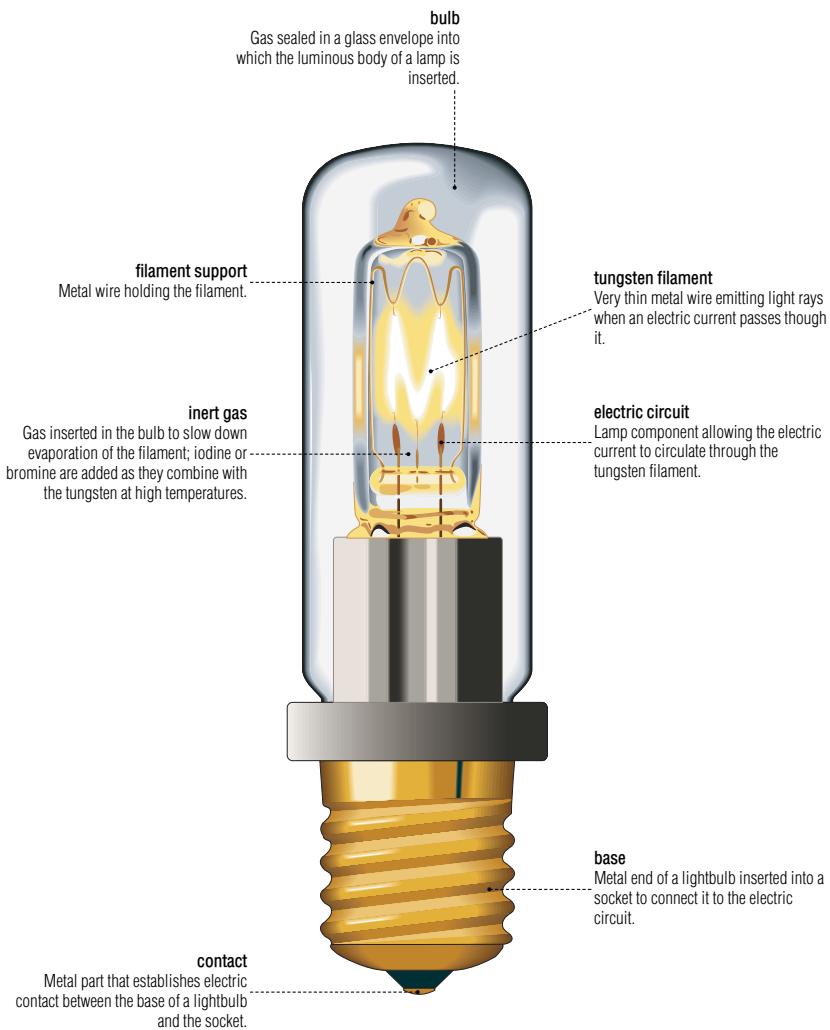
incandescent lamp

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



tungsten-halogen lamp

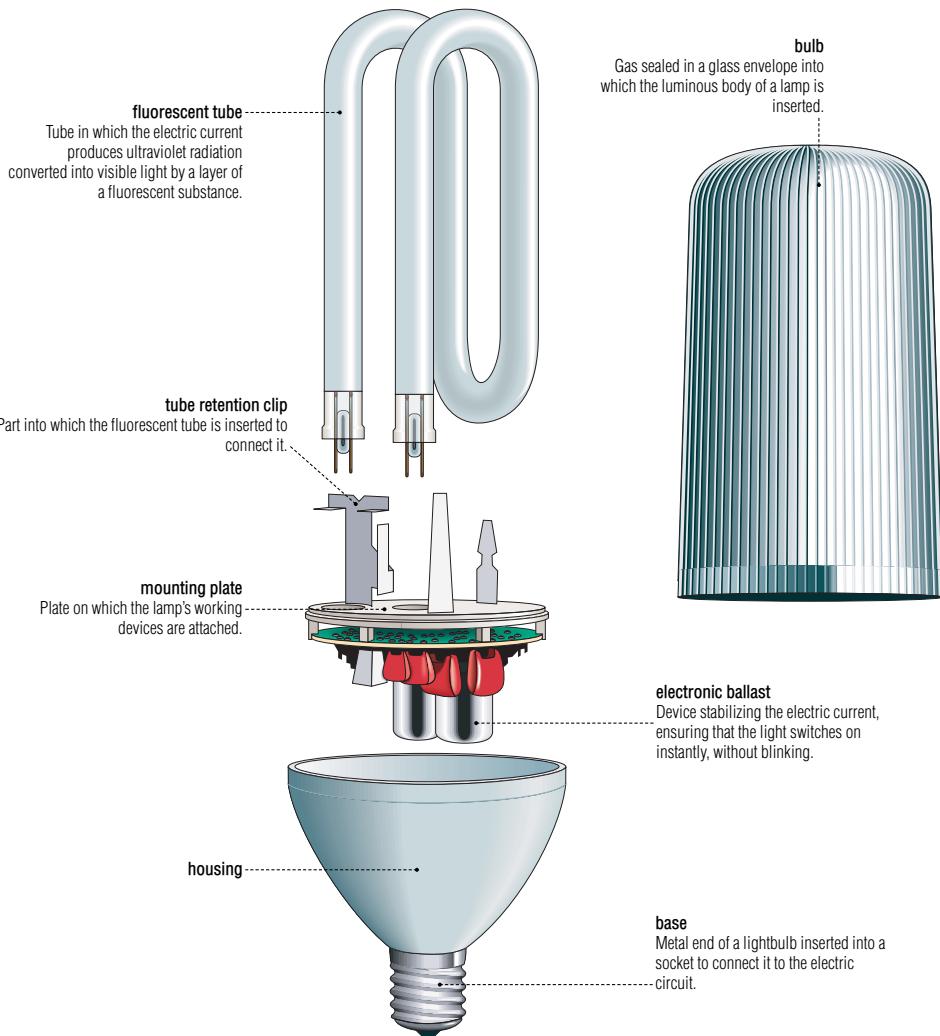
Lamp that is brighter and lasts longer than a traditional incandescent lamp, but that lets off more heat.



lighting

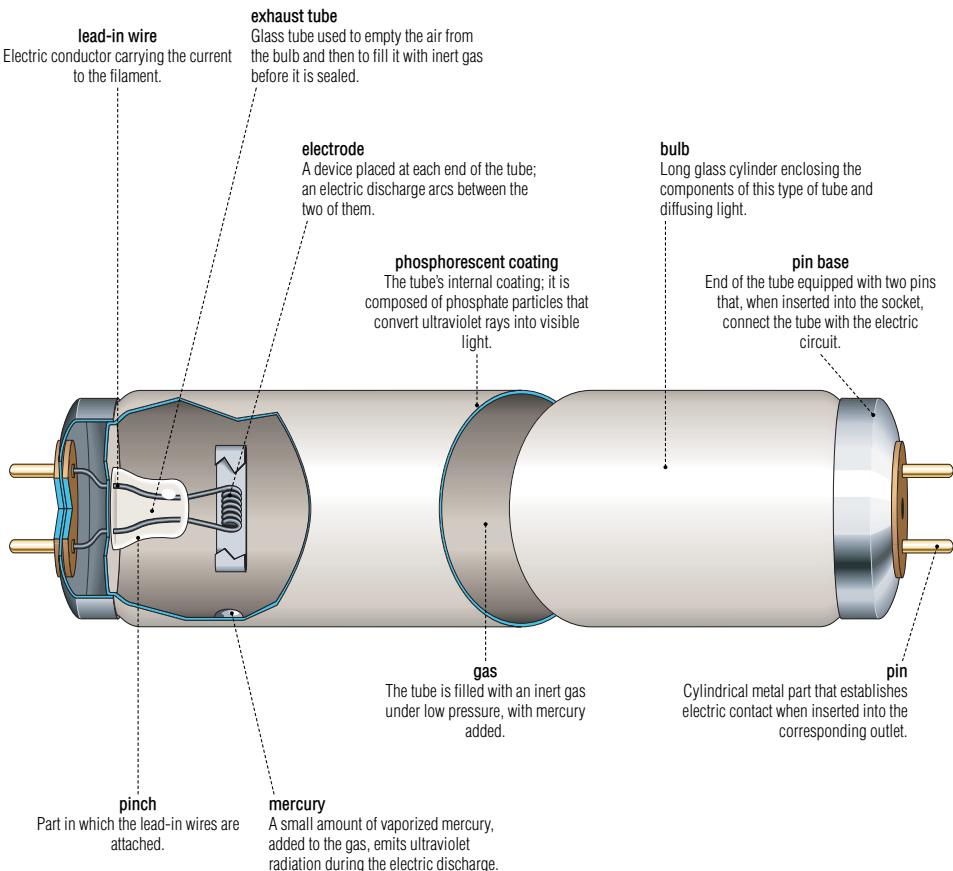
energy-saving bulb

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



fluorescent tube

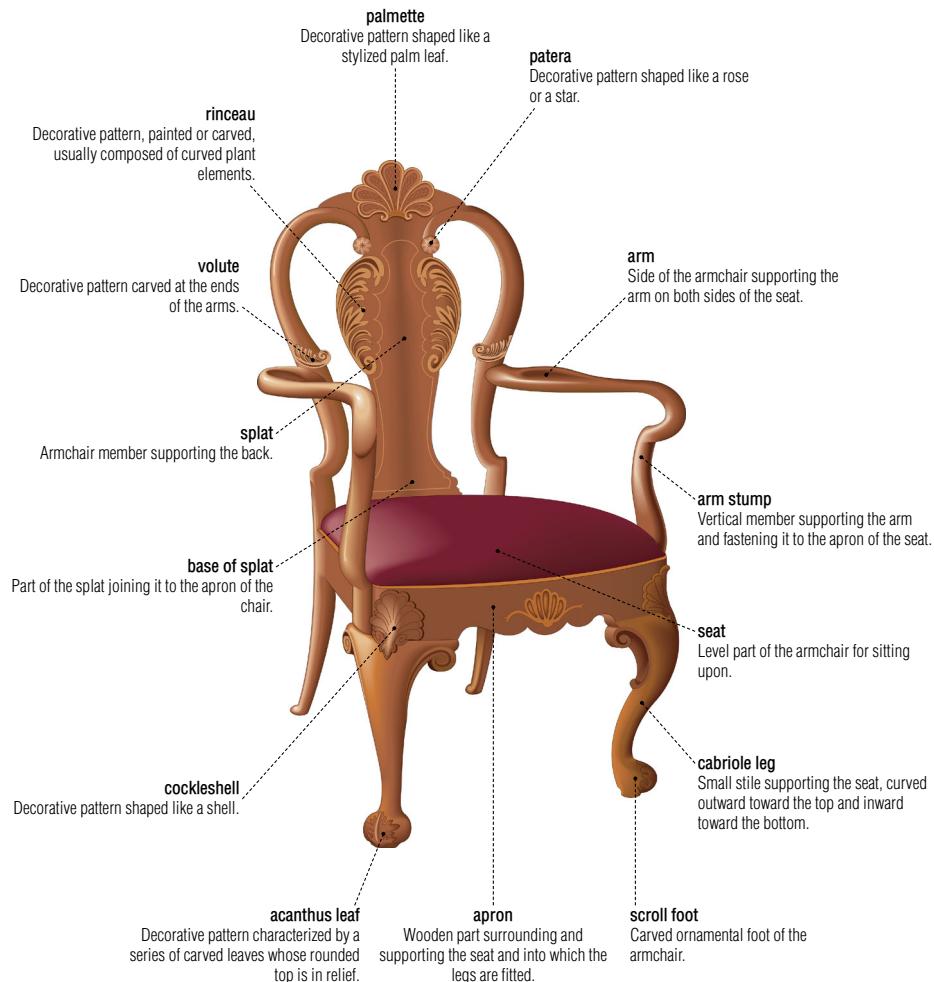
Tube in which the electric current produces ultraviolet radiation converted into visible light by a layer of a fluorescent substance.



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.

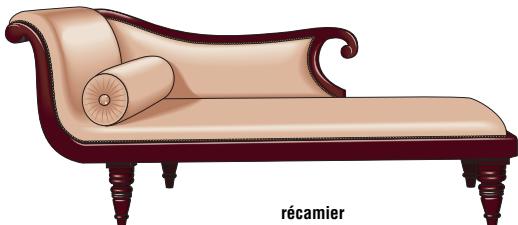


bergère
Upholstered armchair with a cushioned seat.



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

armchair

**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**

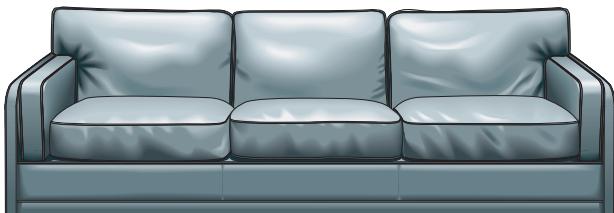
Sofa with an irregular back joining two arms of different heights.

**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.



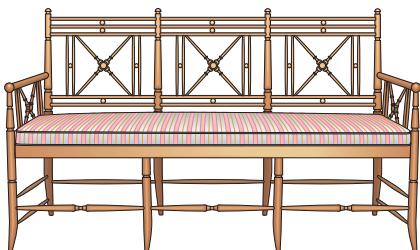
footstool

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.



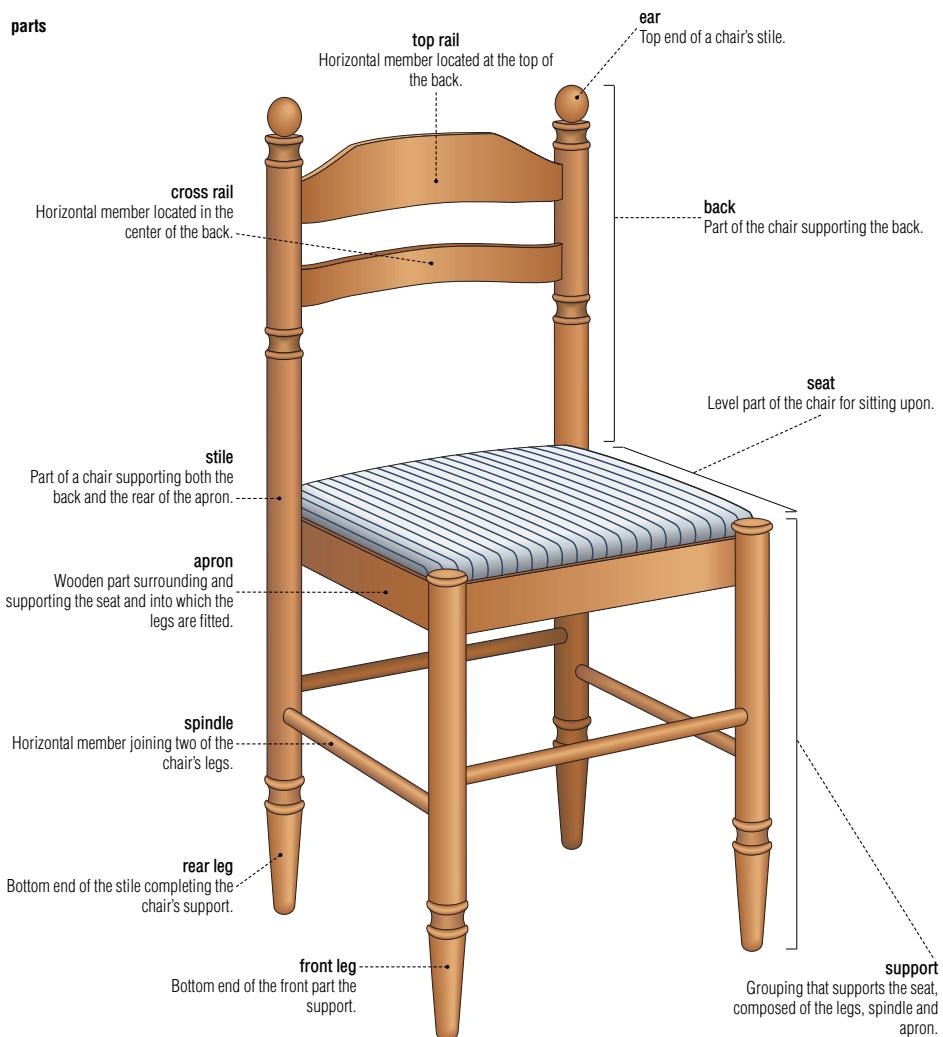
bench

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

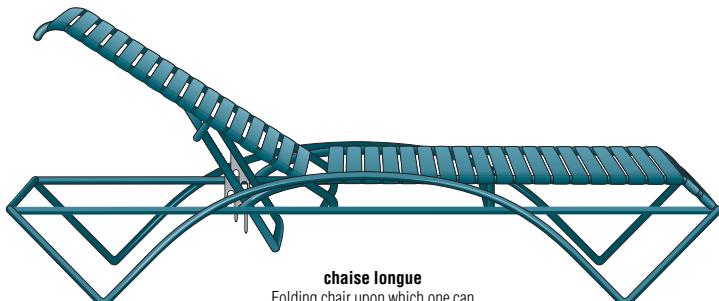
side chair

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**

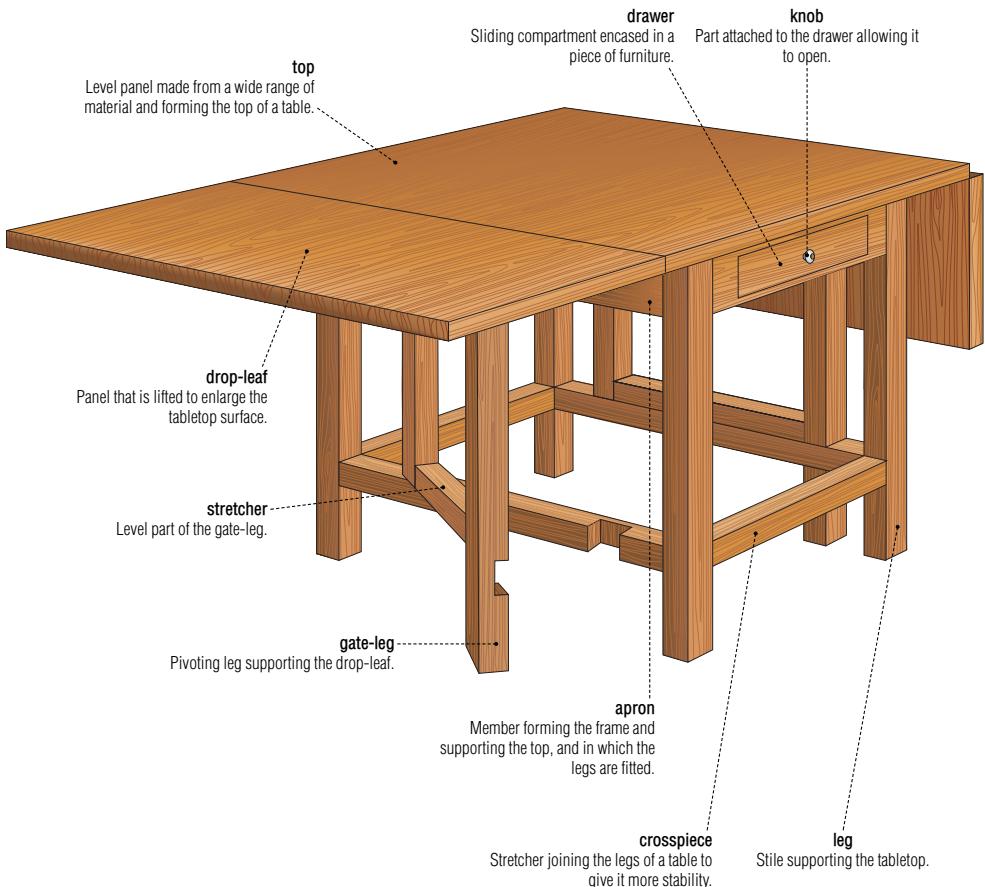
Chair whose seat and legs fold up for ease of storage and carrying.

table

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

gate-leg table

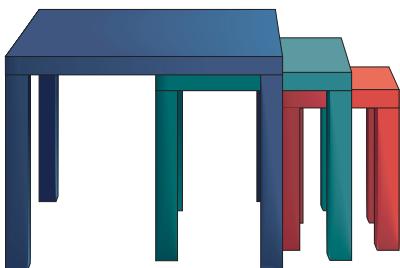
Table equipped with a folding panel that can be raised to enlarge the tabletop surface.



examples of tables

**serving 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.

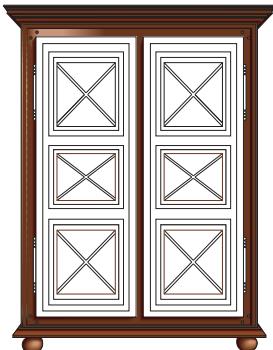
extension
Panel inserted at the end of the tabletop or between the two halves to enlarge the surface.

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.



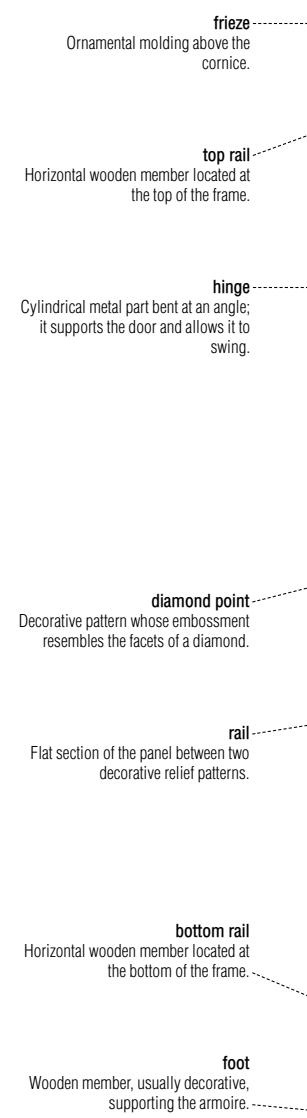
frame

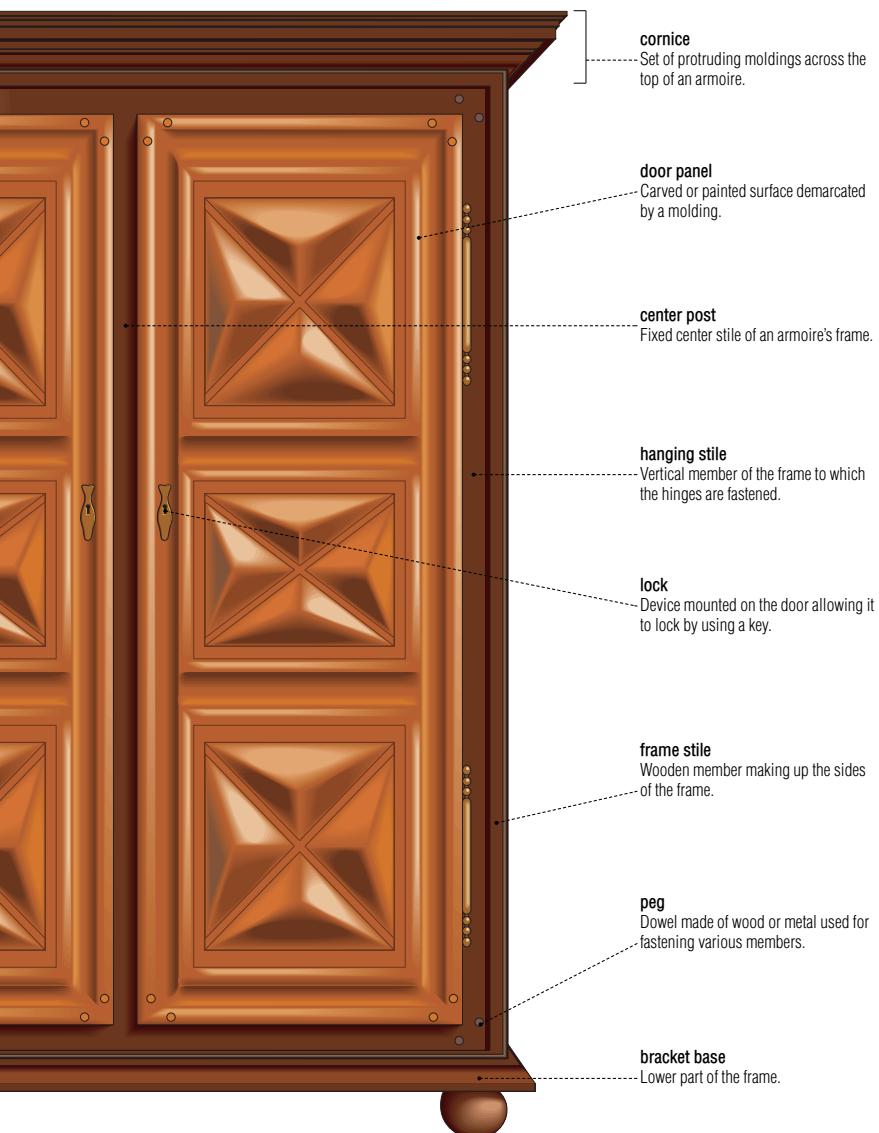
Set of stiles and rails comprising an armoire's structure.



door

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





storage furniture

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.

**fall front**

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

compartment

Compartment for storing various objects.

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.

closet
Part of an armoire equipped with a rod for hanging clothes.

shelf
Level board on which clothes are stored.

**buffet**

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



storage furniture

**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

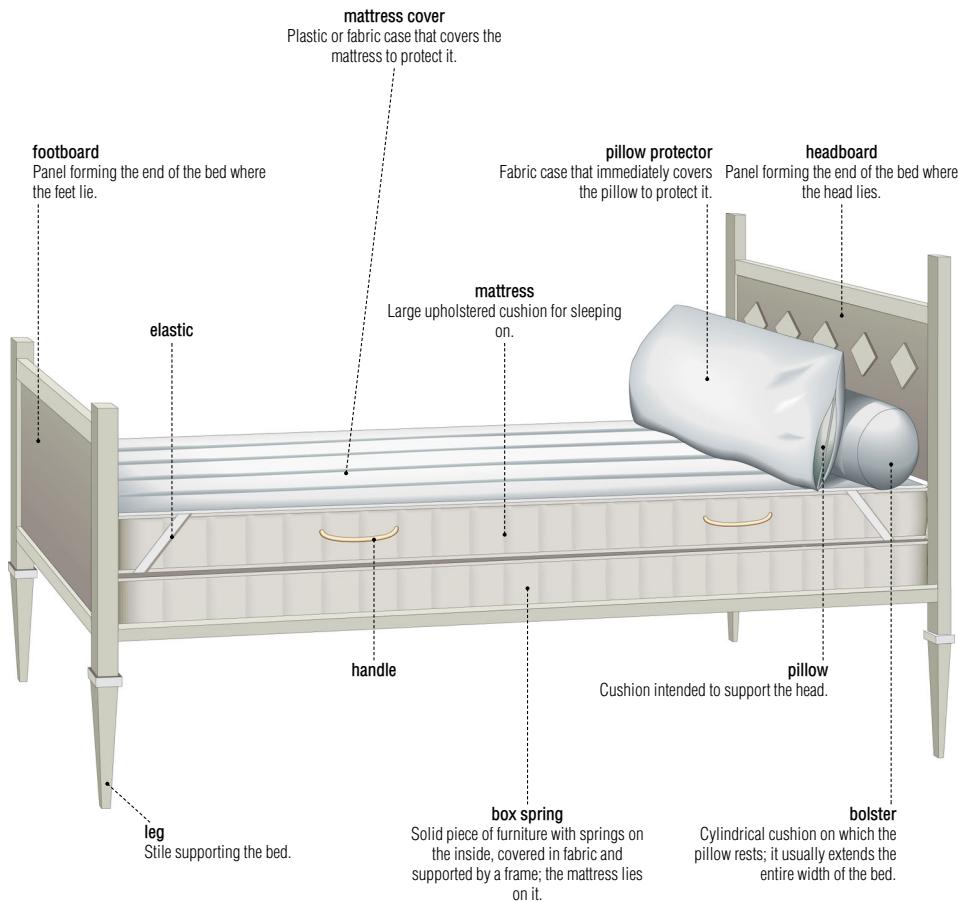
Cotton mattress of Japanese origin.

**frame**

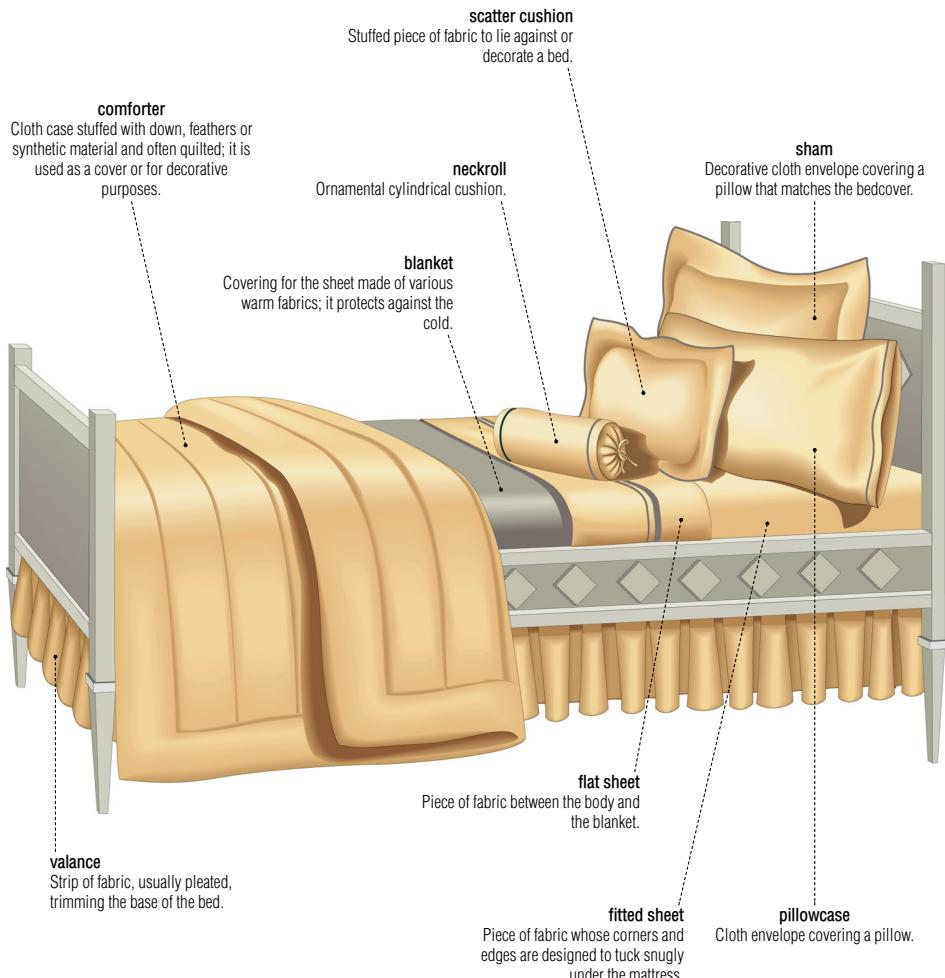
Set of components forming the structure of the piece of furniture.

bed

parts



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

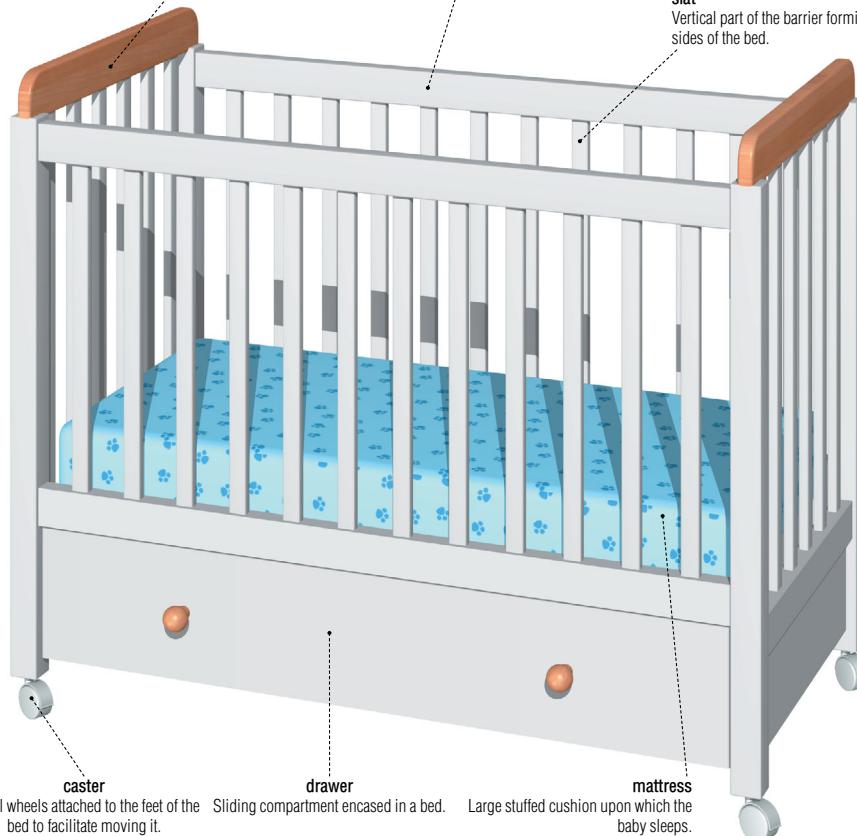
End of the bed where the head of the baby is placed.

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.

Sliding compartment encased in a bed.

mattress
Large stuffed cushion upon which the baby sleeps.

changing table

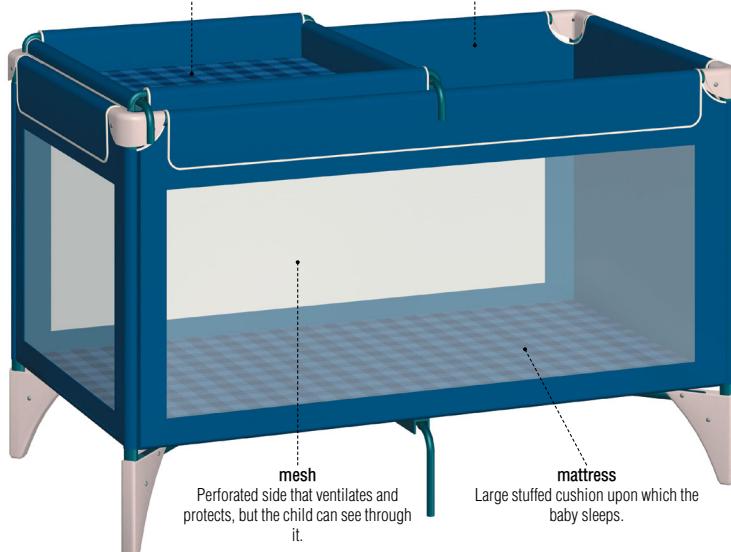
Piece of furniture equipped with storage space and a changing area.

**playpen**

Bed that closes up, usually used when traveling.

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.



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

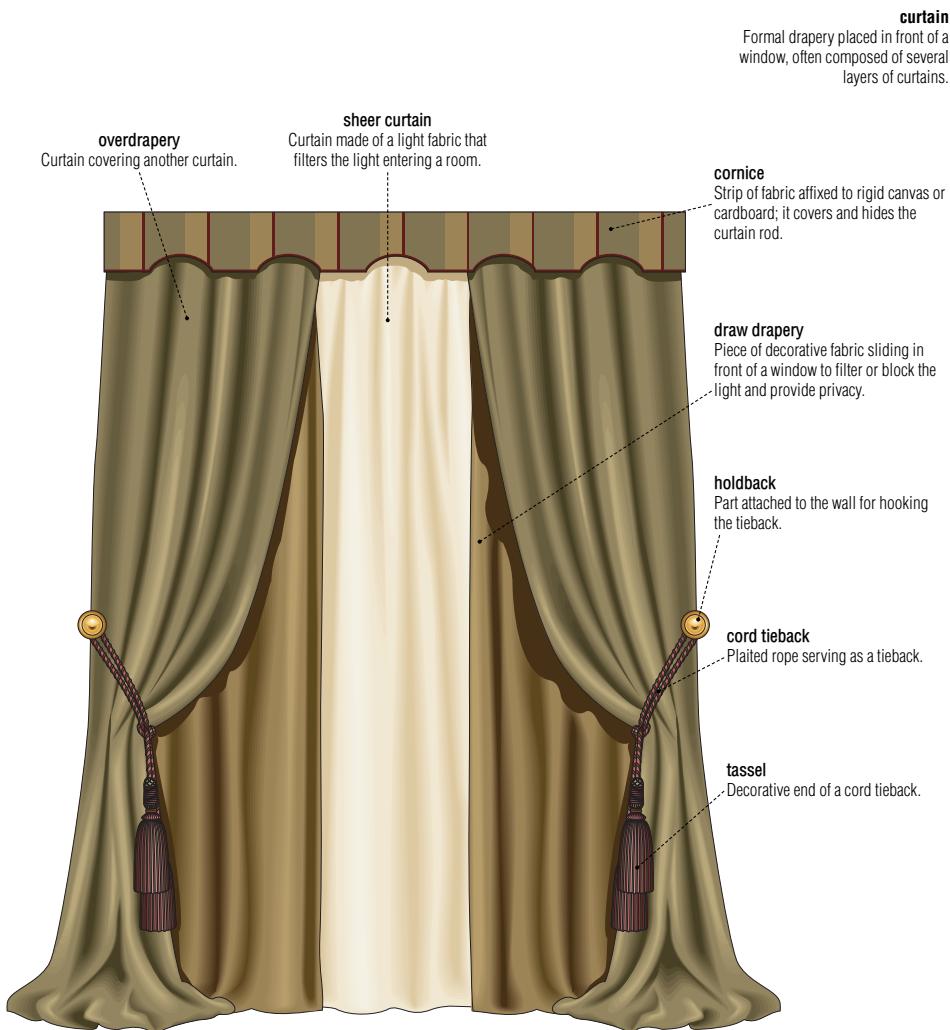
Seat that, when set upon a chair, raises the child so that he or she can sit at table level.

**high chair**

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



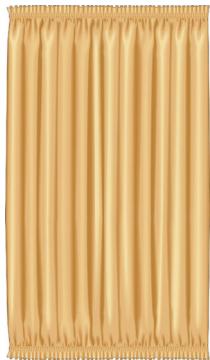
Set of elements decorating a window.



window accessories

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**Venetian blind**

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

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

headrail

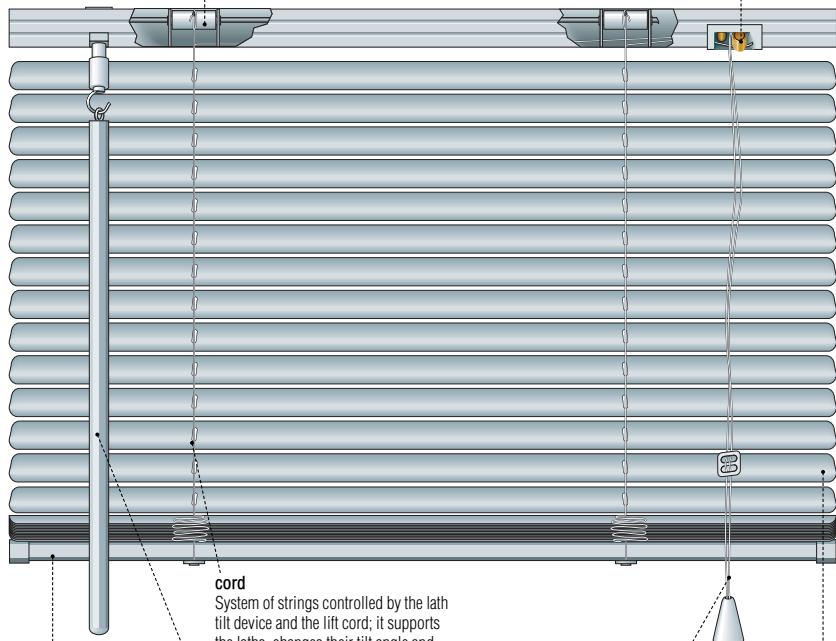
Grooved metal rod containing the shade's mechanism and used to mount the blinds in front of a window.

drum

Cylindrical mechanism allowing the cord and laths to move.

lift cord lock

Mechanism keeping the shade at the desired height.



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.

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

Rod used for pivoting the tilt tube.

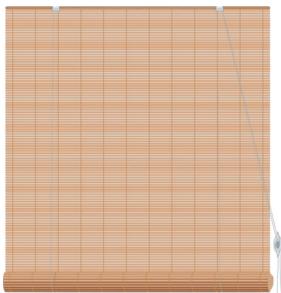
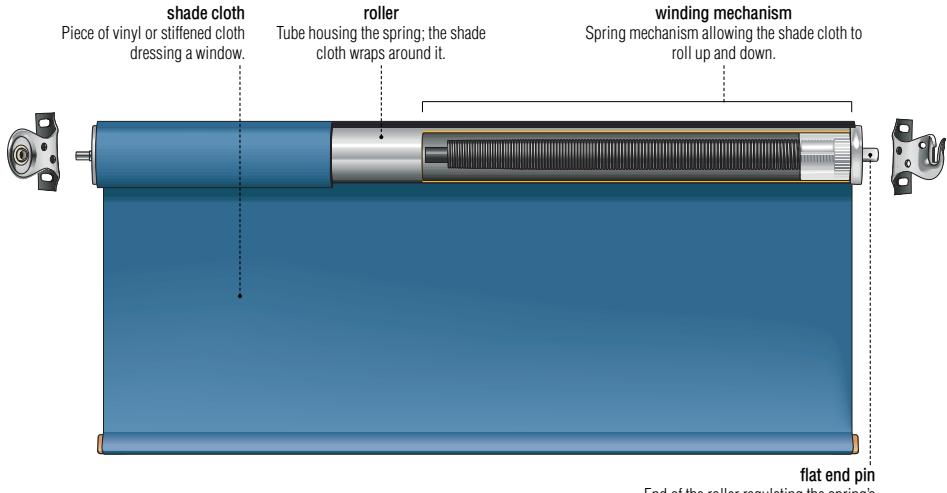
lath

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

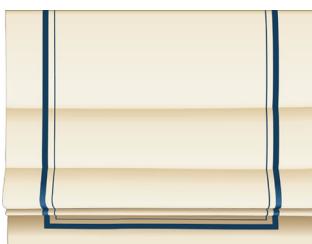
window accessories

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.

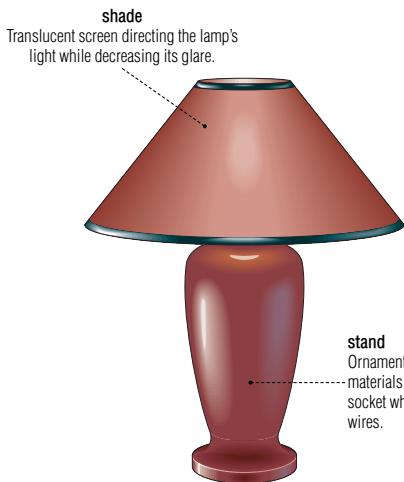


table lamp

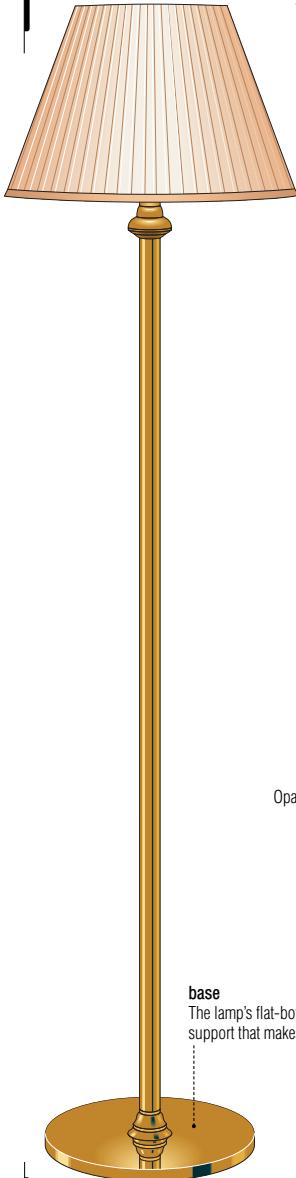
Movable light with a short stand; it is placed on furniture.



desk lamp

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

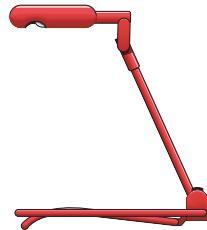
lights

**floor lamp**

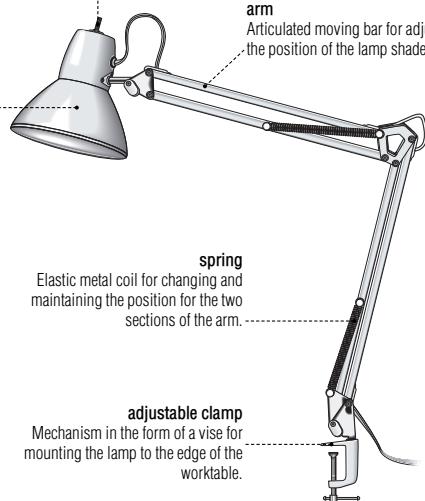
Portable lamp having a high stand that is placed on the floor.

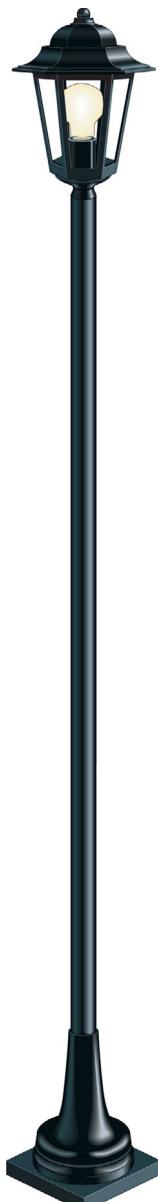
**clamp spotlight**

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.





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

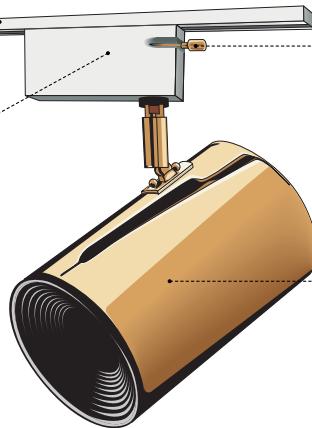
Device mounted to the ceiling to support spots and supply electricity to them.

bar frame

Part of the track fitted with two metal strips; the electric current passes through it.

transformer

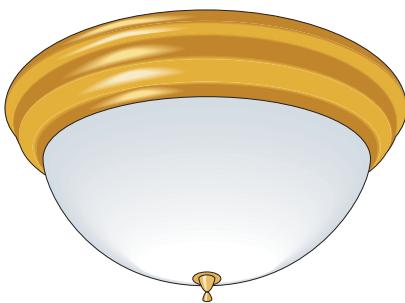
Device adapting the electric current from the track to the spot's voltage.

**contact lever**

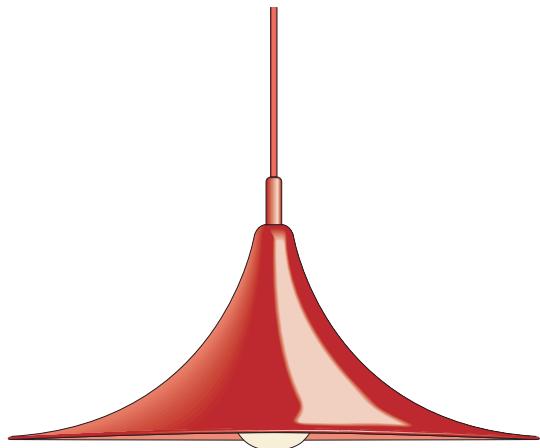
Device for attaching the transformer and plugging it into the bar frame.

spot

Small adjustable spotlight with a concentrated beam.

**ceiling fitting**

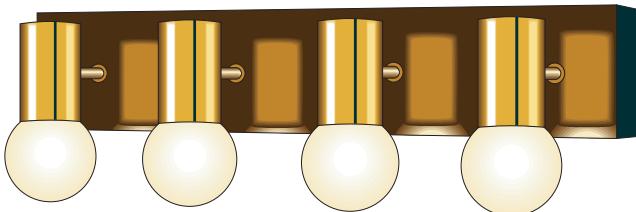
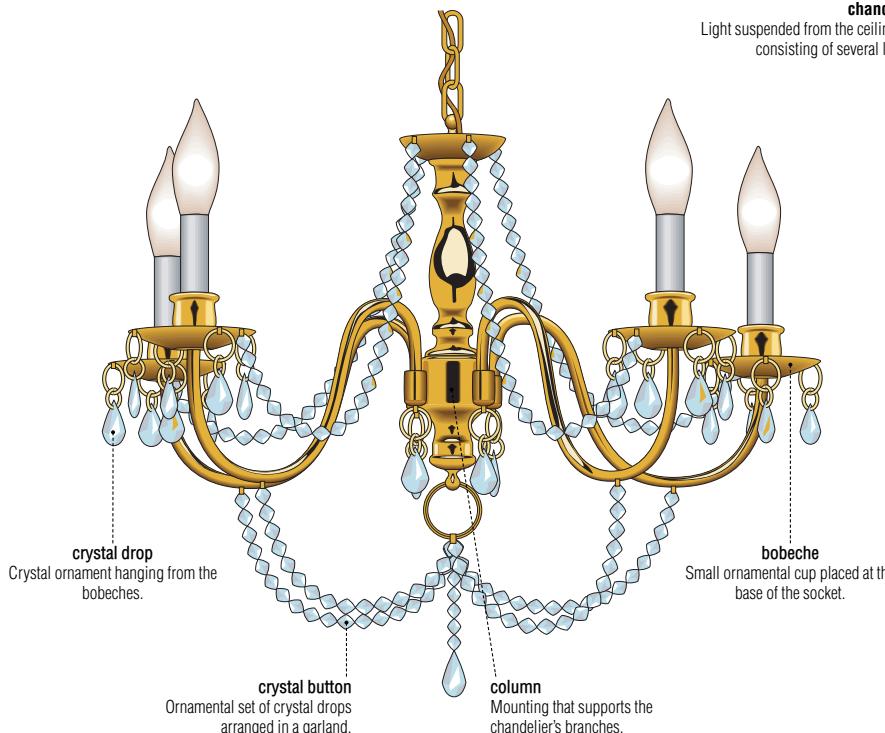
Light mounted directly on the ceiling.

**hanging pendant**

Light designed to be hung from the ceiling.

chandelier

Light suspended from the ceiling and consisting of several lamps.

**strip light**

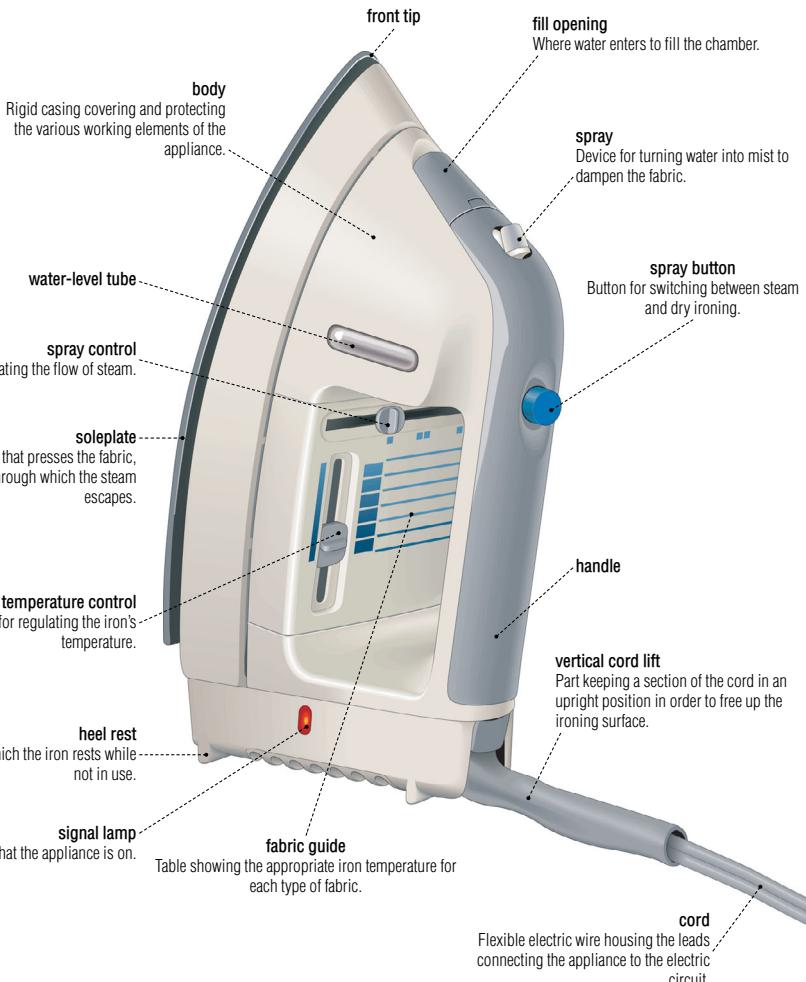
Device composed of a set of lights that are mounted on the same base.

domestic appliances

Domestic appliances operating on electricity.

steam iron

Electric appliance producing steam and used to iron fabric.



upright vacuum cleaner

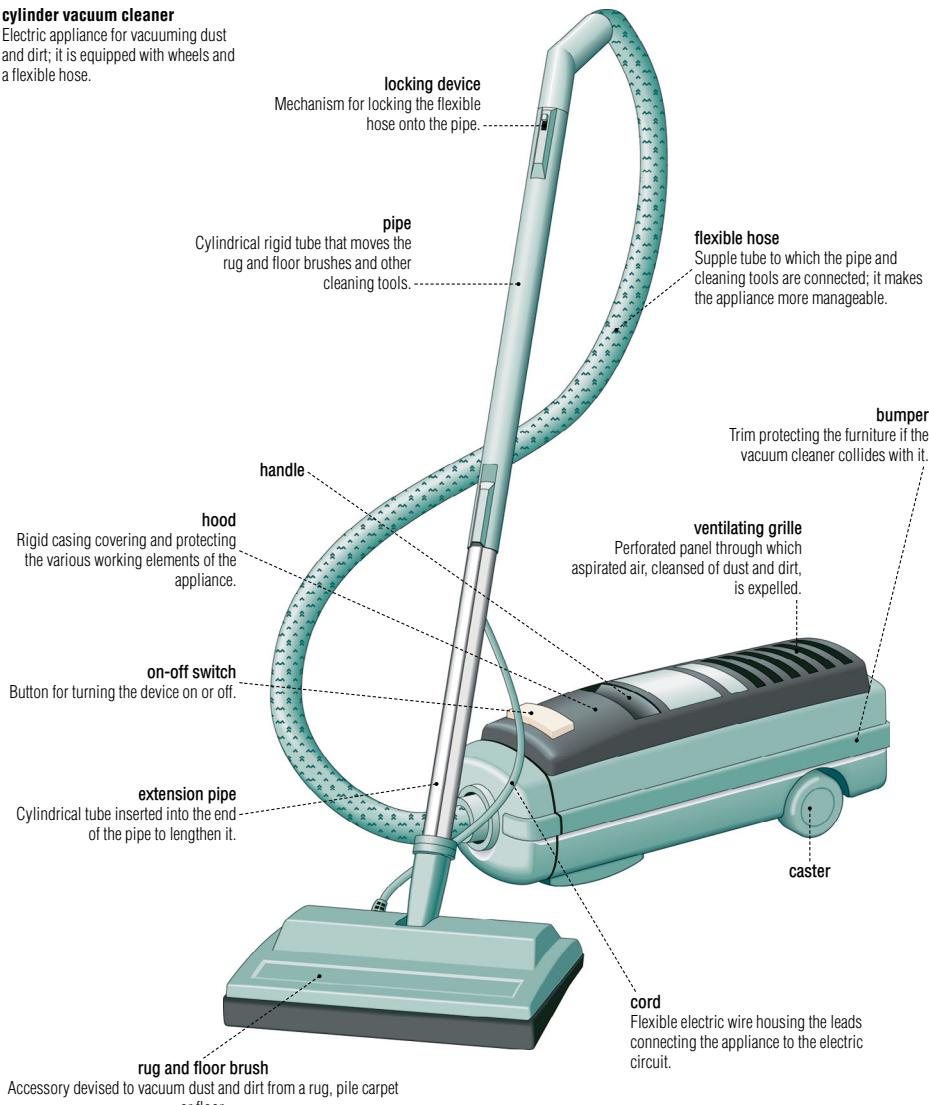
Vertical one-piece vacuum cleaner that is steered by means of a handle-grip.



domestic appliances

cylinder vacuum cleaner

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



**crevice tool**

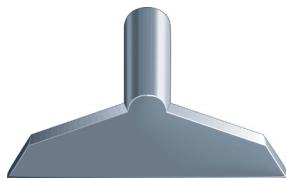
Accessory for vacuuming dust and dirt from hard-to-reach places.

**dusting brush**

Accessory for vacuuming dust from various surfaces.

**floor brush**

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

**upholstery nozzle**

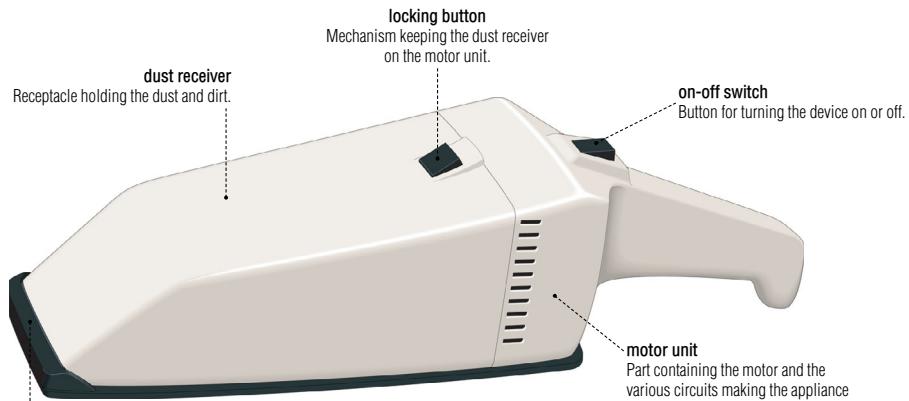
Accessory for vacuuming dust and dirt from fabric.

cleaning tools

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

hand vacuum cleaner

Portable cordless appliance for vacuuming dust and dirt.



domestic appliances

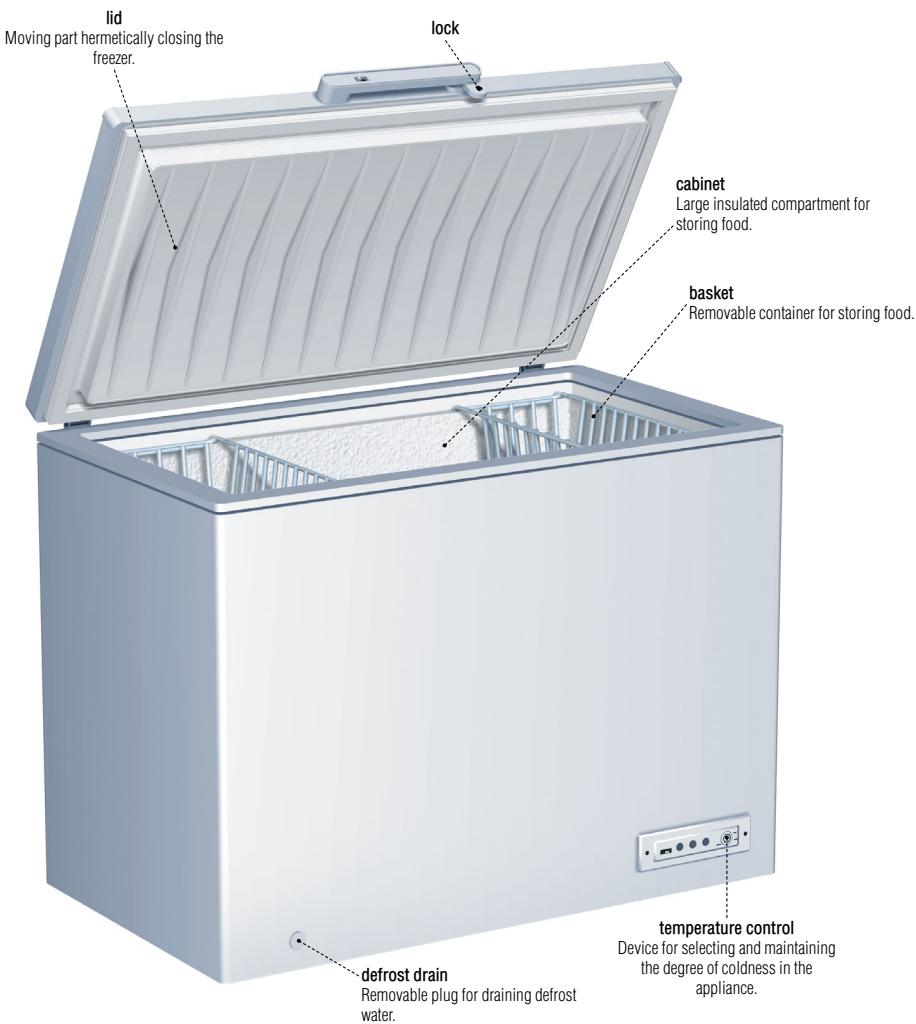
gas range

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



chest freezer

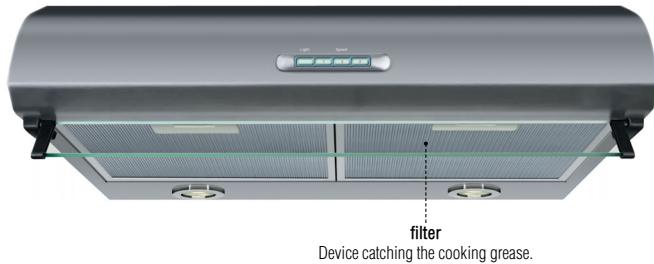
Large horizontal appliance for conserving food at a very low temperature (0°F).



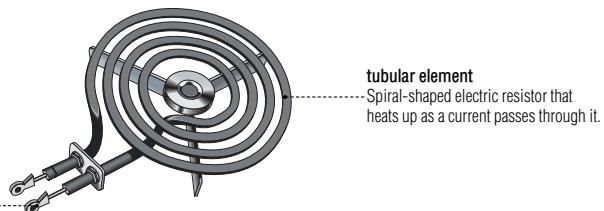
domestic appliances

range hood

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

**surface element**

Heating element for cooking on some models of kitchen stoves.



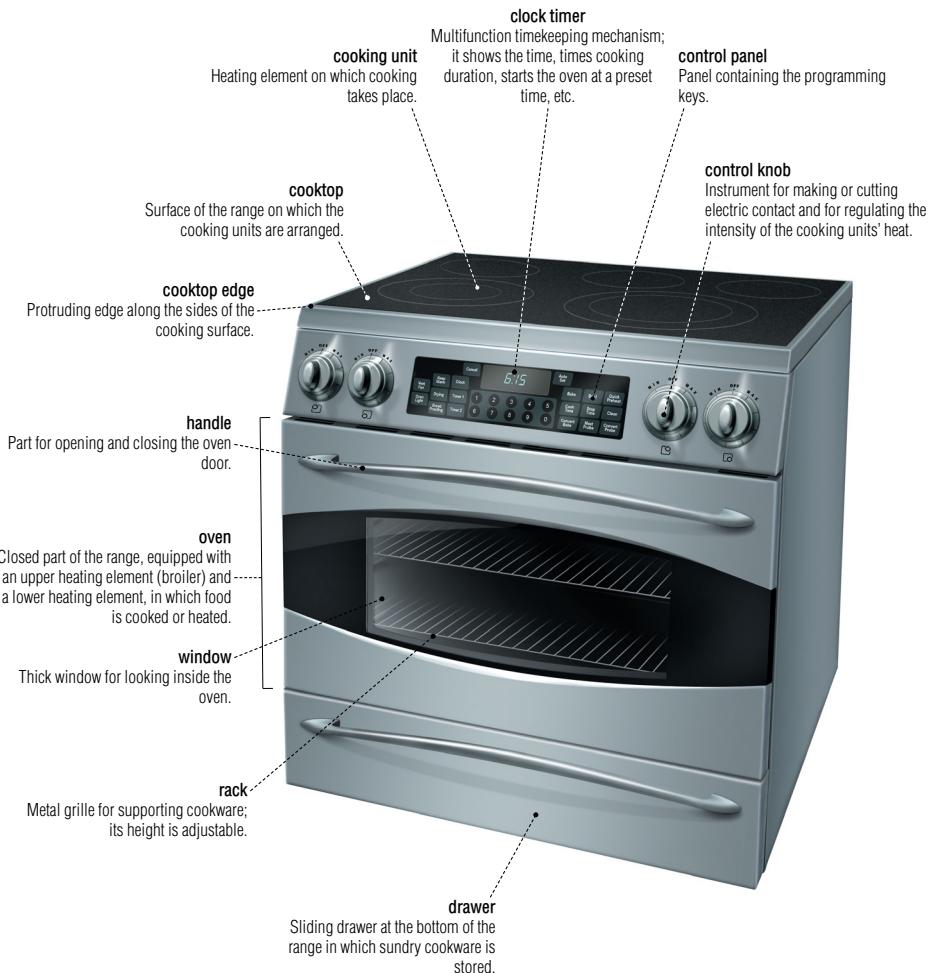
drip bowl
Small container placed beneath the surface element to catch cooking spills.



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.

switch

Mechanism switching on the refrigerator light when the door is opened.

shelf

Removable support whose height is adjustable.

handle**water dispenser**

Apparatus that automatically supplies water or ice cubes.

refrigerator compartment

Compartment keeping food cold.

freezer compartment

Refrigerator compartment for freezing food.

crisper

Compartment maintaining optimal temperature for conserving fruits and vegetables.



**door stop**

Part that stops the door from opening too far.

magnetic gasket

Rubber gasket keeping the doors watertight.

butter compartment

Compartment with a pull-down door for storing butter.

meat keeper

Compartment for storing meat.

shelf channel

Notched part to which the shelves attach.

storage door

Door with rows of shelves and compartments.

guard rail

Part keeping food in place when the door is opened or closed.

dairy compartment

Compartment for storing milk cartons.

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.

backguard

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

**lid**

Moving part for closing the washer's tub.

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.

**basket**

Perforated drum into which the laundry is placed.

cabinet

Enamelled sheet-metal case covering and protecting the appliance's various components.

suspension arm

Metal struts supporting the tub.

drain hose

Flexible pipe through which the washer's pump expels the wastewater to the dwelling's drain circuit.

emptying hose

Pipe through which the washer's pump empties the water from the tub.

leveling foot

Adjustable part for supporting the appliance and making it level.

temperature selector

Device automatically controlling the selected wash cycle.

water-level selector

Panel containing the programming keys.

control knob

Device automatically controlling the selected wash cycle.

control panel

Panel containing the programming keys.

**door****pump**

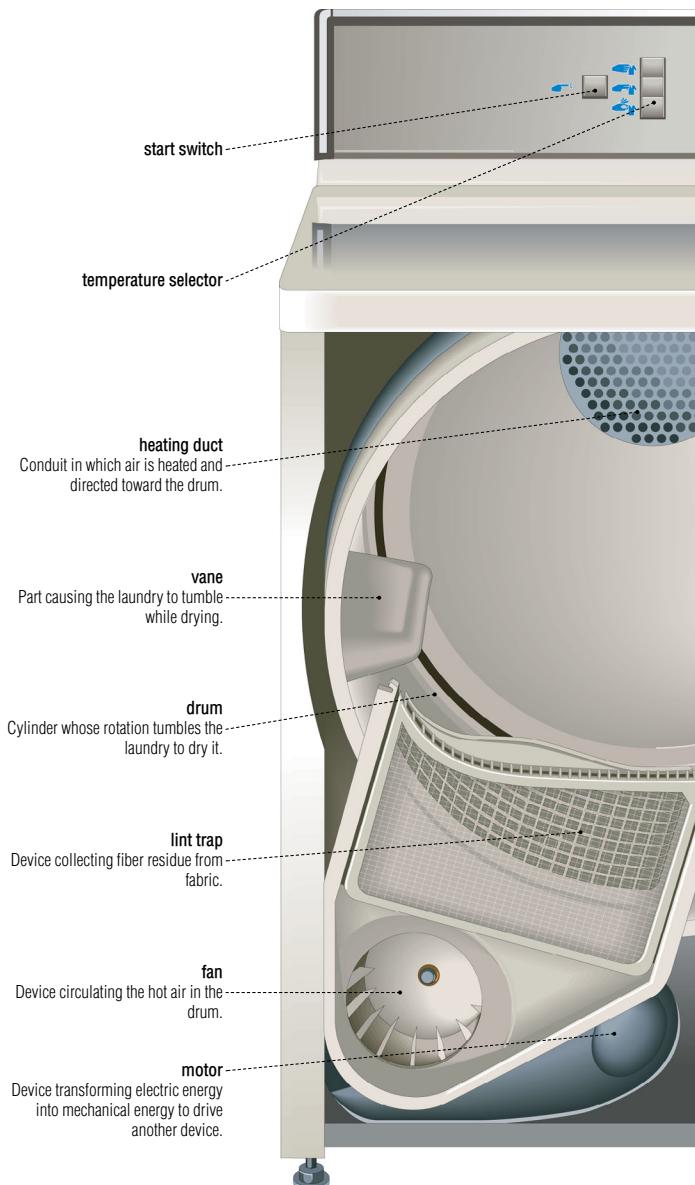
Device that evacuates wastewater from the tub and drives it into the drain hose.

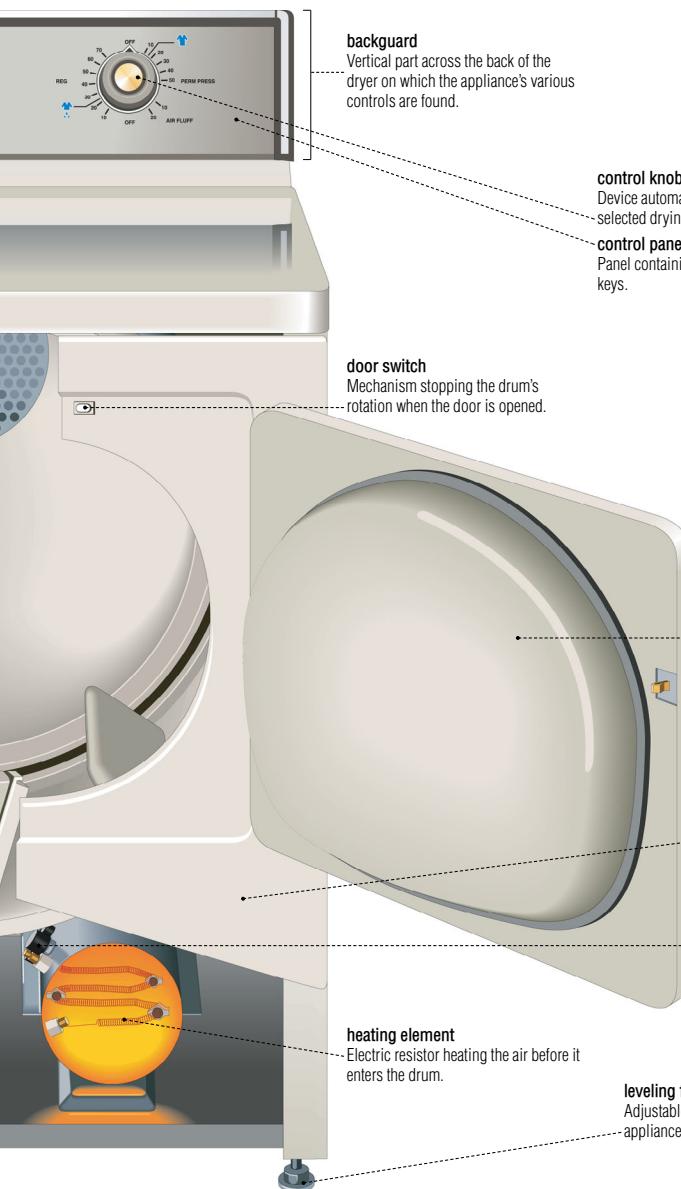
front-loading washer

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.

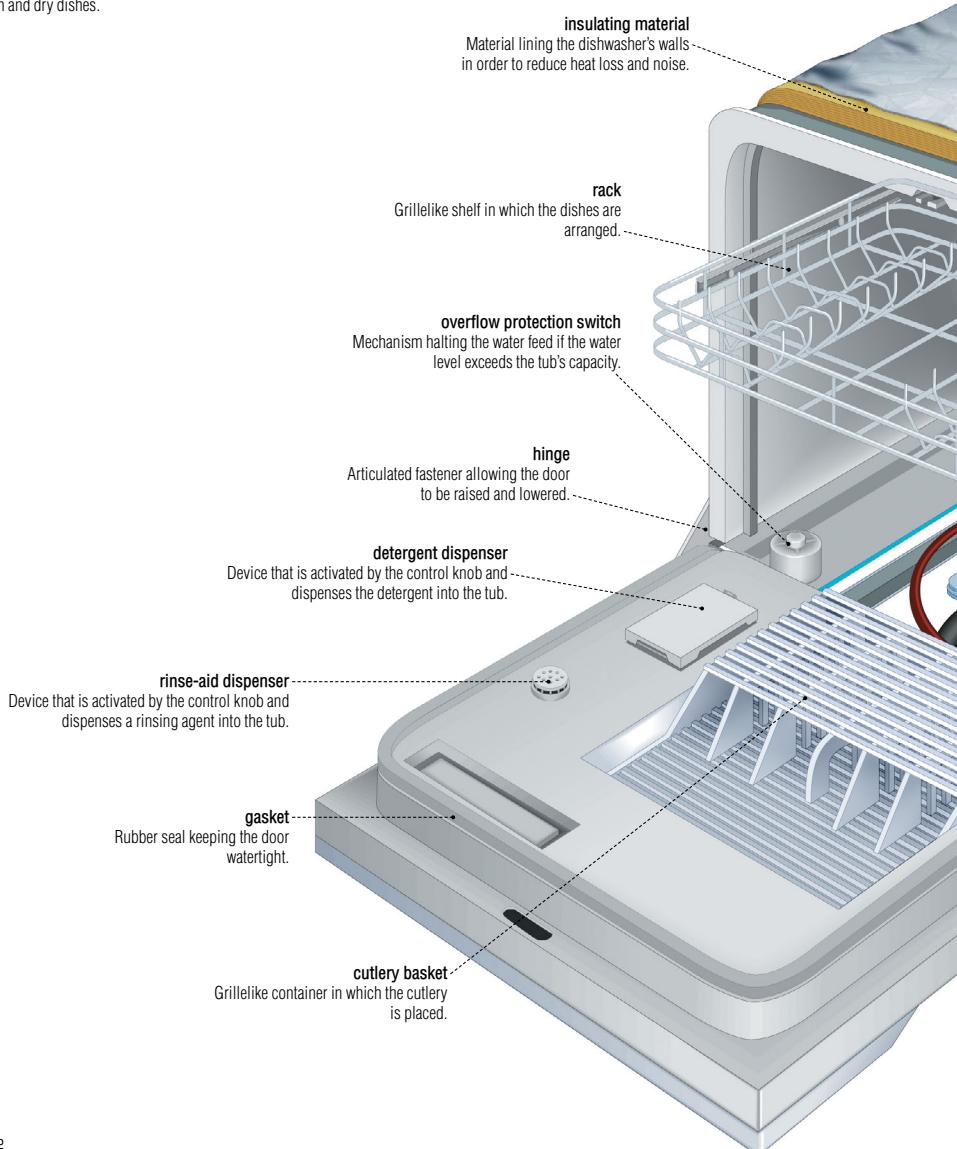


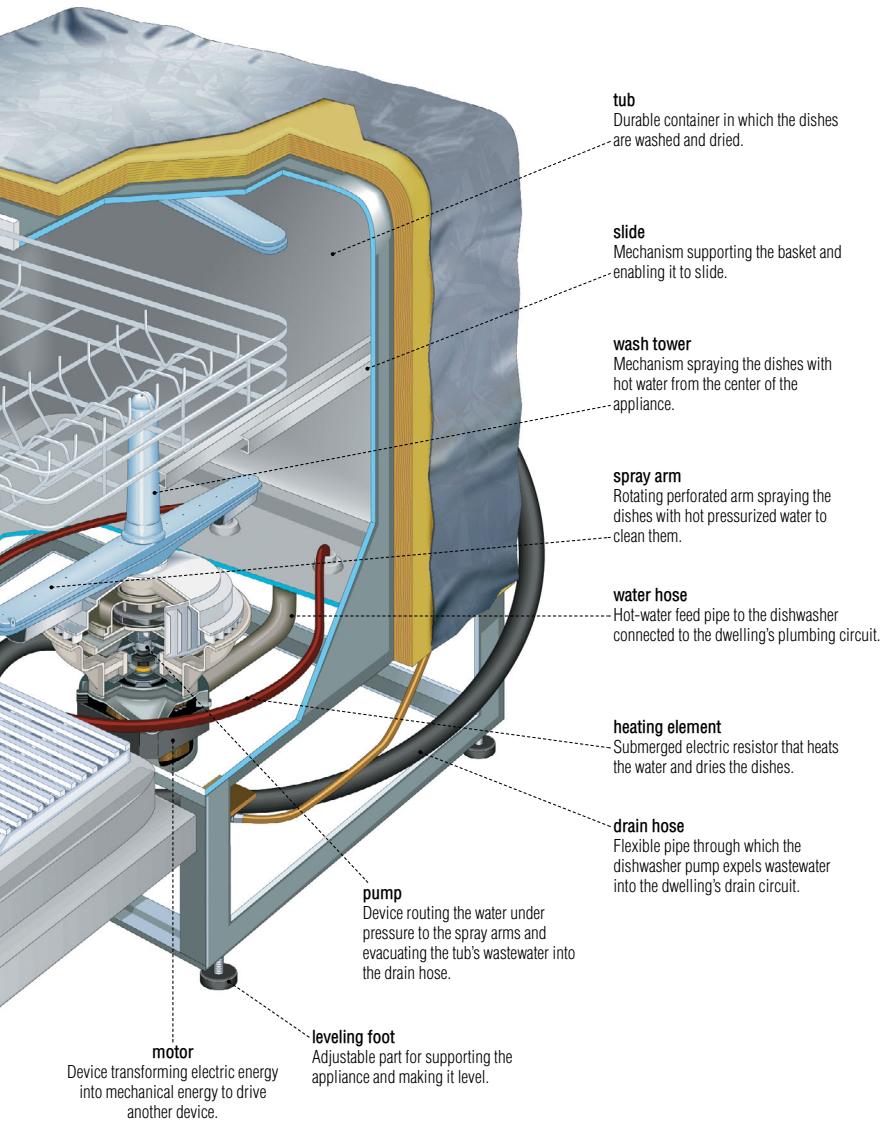


domestic appliances

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.



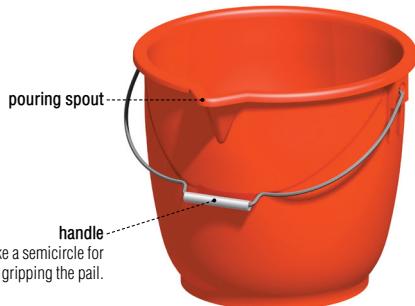
refuse container

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**

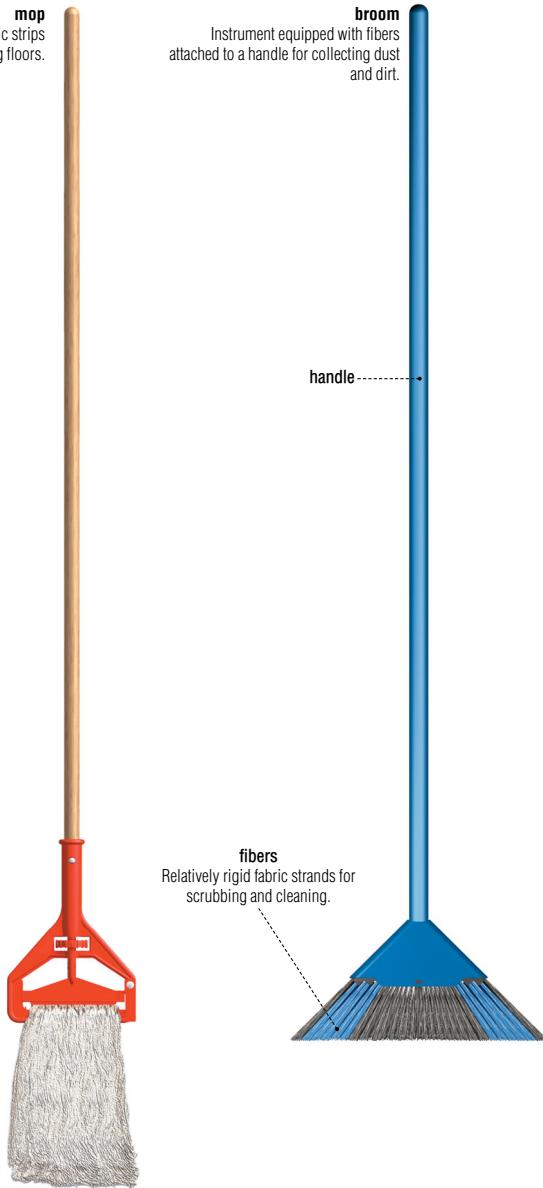
Piece of cloth used to dry dishes, furniture and so on.

**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.



Hollowed-out part of the hammer head into which the handle is inserted.

cheek
The sides of the hammer head, between the claw and the face.

face

Flat surface used to drive a nail into a material.



nail set

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



carpenter's hammer

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

ball-peen hammer

Rounded part located opposite the face.



ball-peen hammer

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

head
Striking end of a mallet.

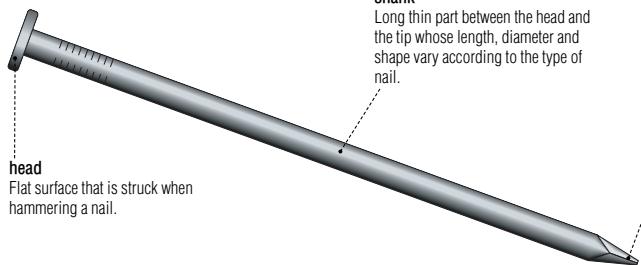


mallet

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.

**tack**

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

**common nail**

Sturdy wide-headed nail, used for general woodwork 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.

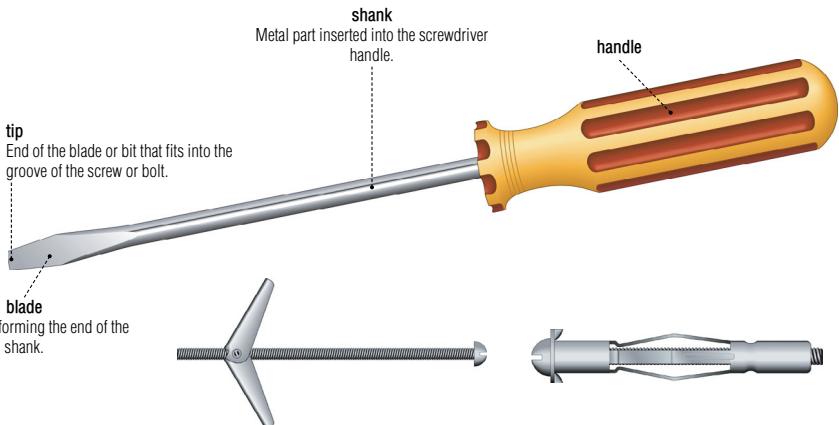
**cut nail**

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

carpentry: screwing tools

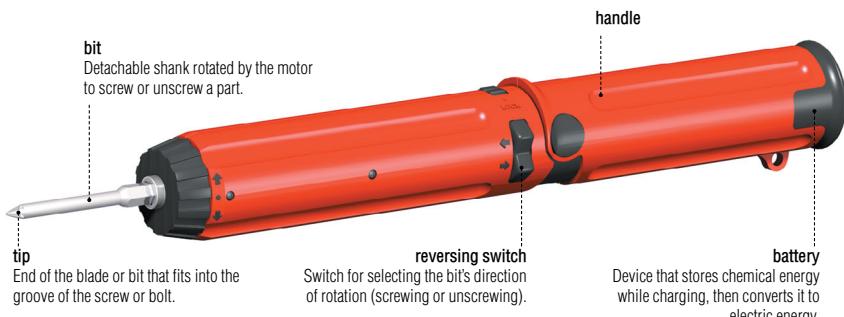
screwdriver

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



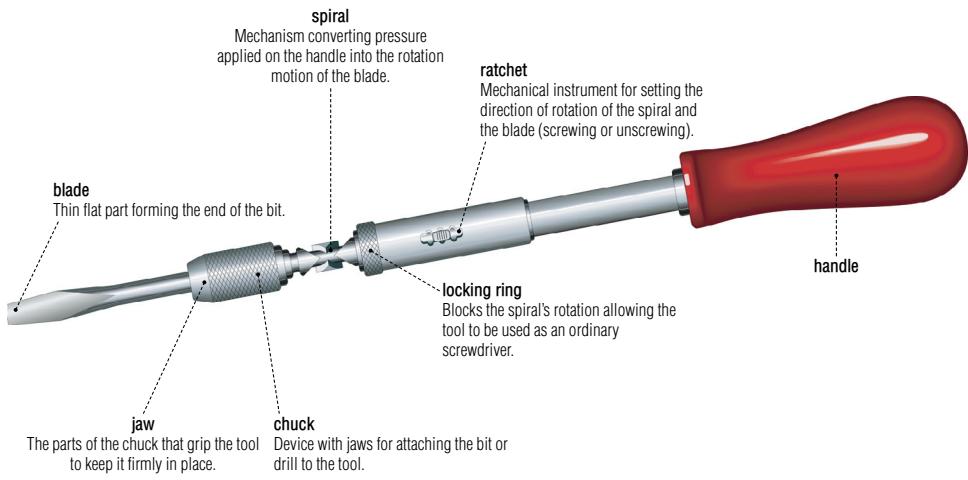
cordless screwdriver

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.

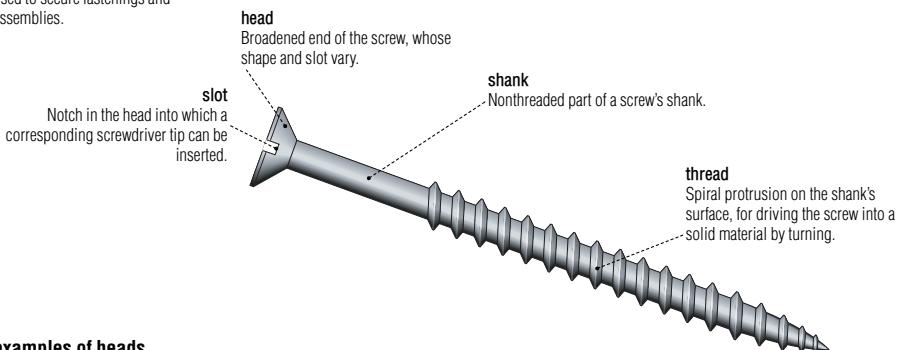
**cross-headed tip**

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**

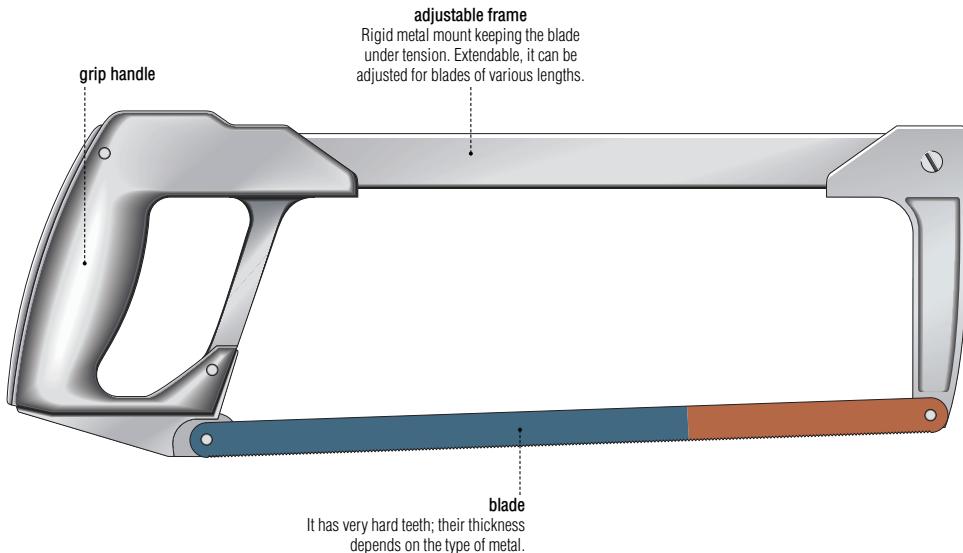
Head whose crisscross indentation keeps the screwdriver in the middle of the head, providing a very firm grip.

**socket head**

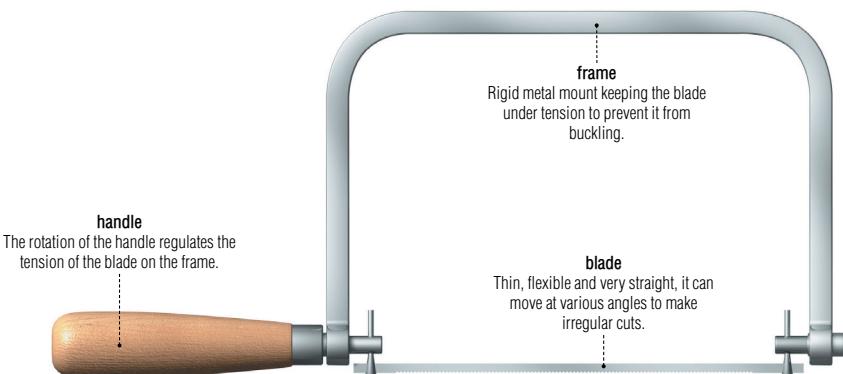
Head with a square socket that varies in size.

hacksaw

Frame handsaw for sawing metal of varying thicknesses.

**coping saw**

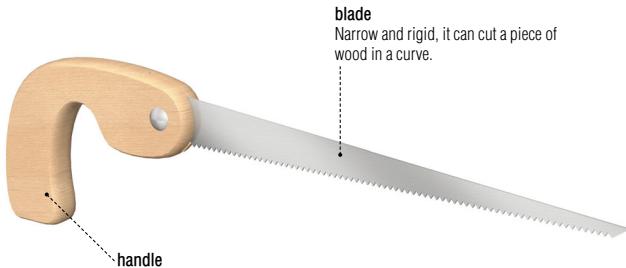
Small handsaw with a frame, used for cutting out curves or delicate patterns in a piece of relatively thin wood.



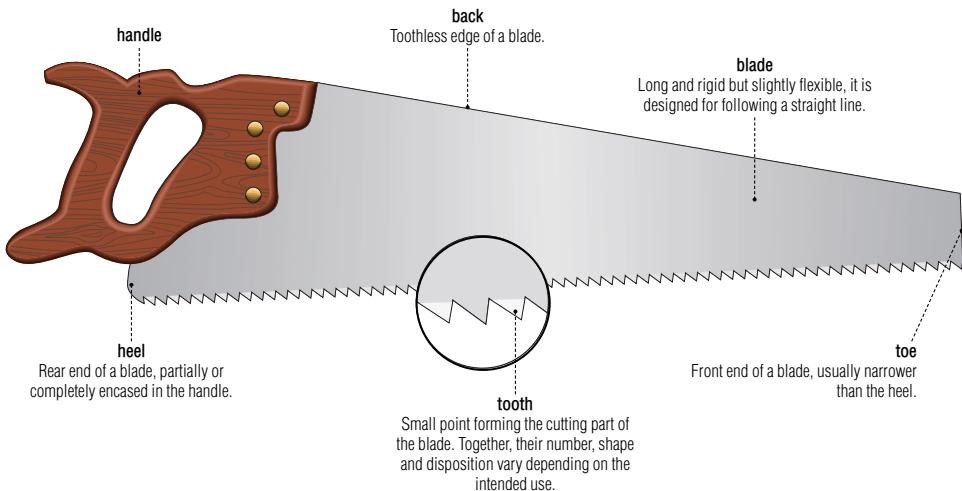
carpentry: sawing tools

compass saw

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

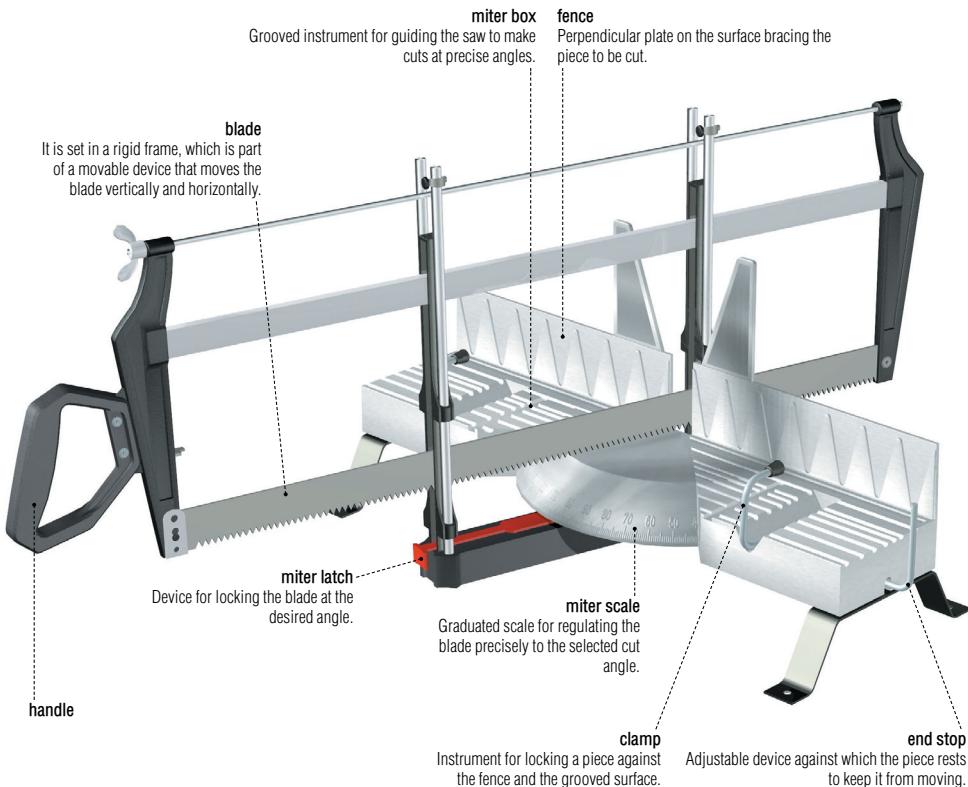
**handsaw**

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



hand miter saw

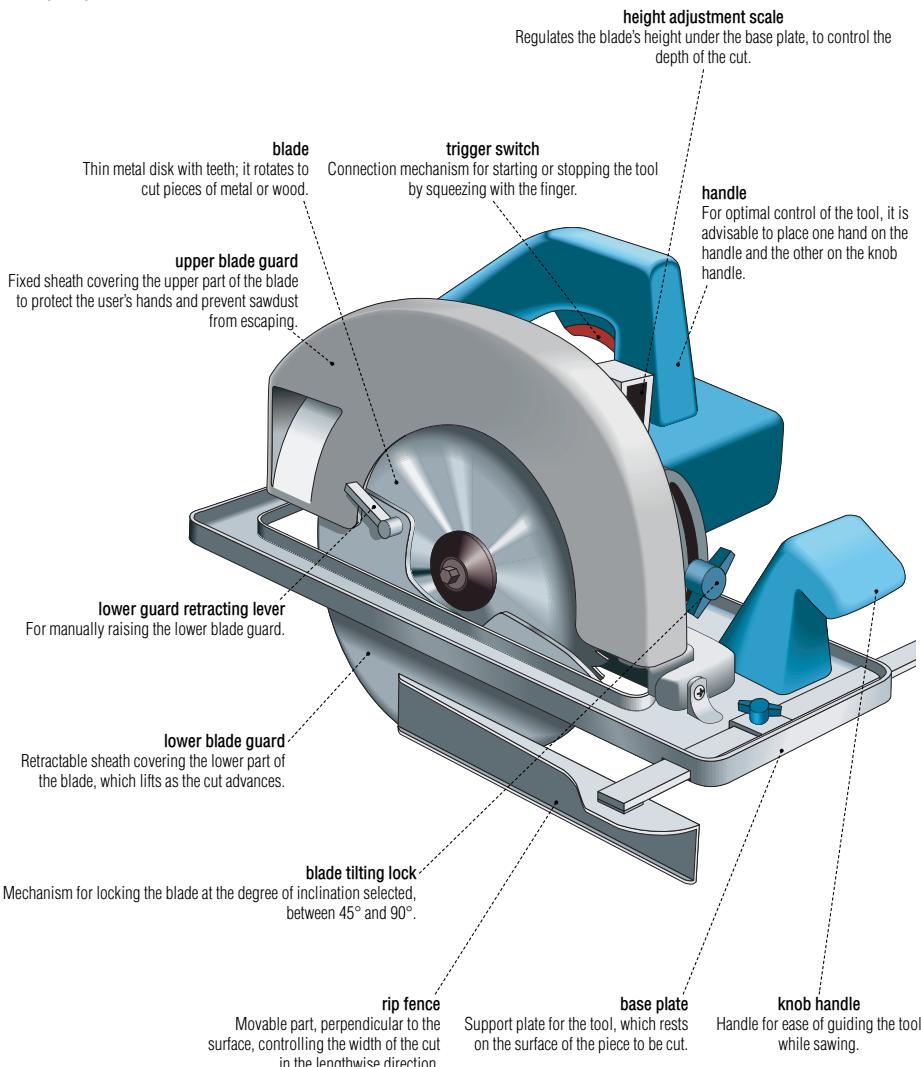
Device consisting of a handsaw and a guide for cutting a piece at a precise angle.



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.

speed selector switch

Device for controlling the rhythm of the blade's up-and-down motion.

trigger switch

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

lock-on button

Device locking the switch in position to keep the saw working continuously during long or complex cuts.

orbital-action selector

Mechanism regulating the pendular motion of the blade. A slight or no pendular motion gives a better finish but takes longer.

chip cover

Protective cover preventing sawdust and fragments from flying toward the user or toward the cutting line.

handle**blade**

It moves up and down but can also move from front to back, which increases the efficiency of the sawing.

base

The tool's support plate, which rests on the surface of the piece to be cut. It can be inclined to make beveled cuts.

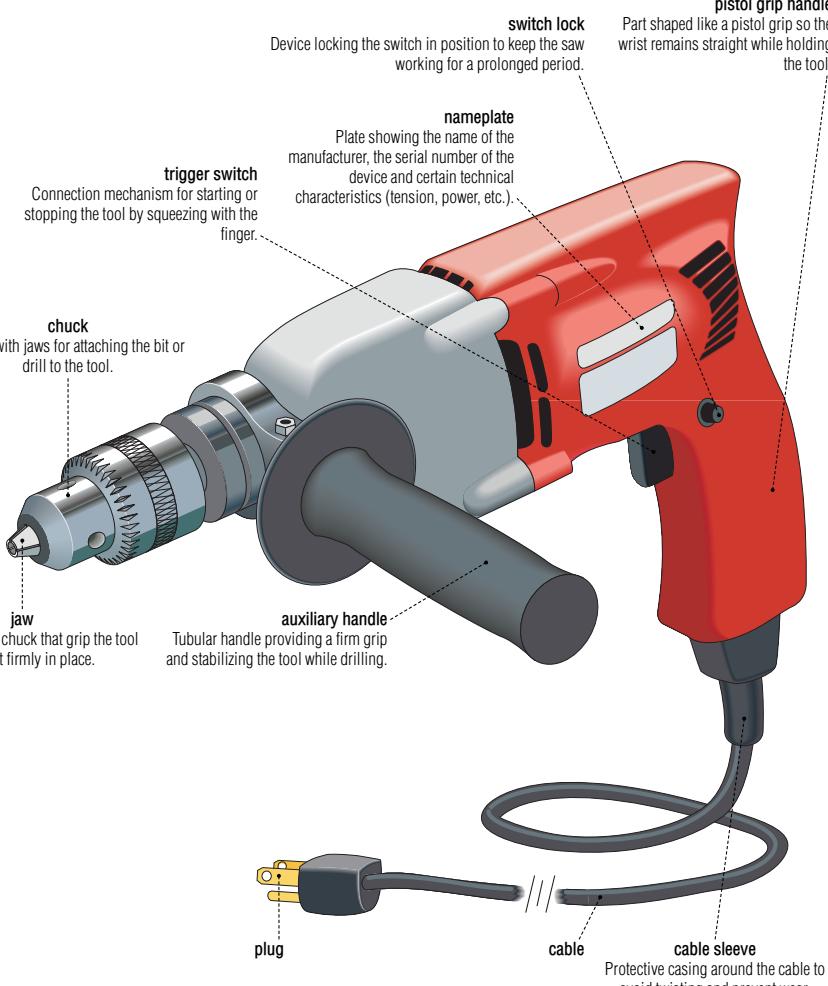
power cord

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

carpentry: drilling tools

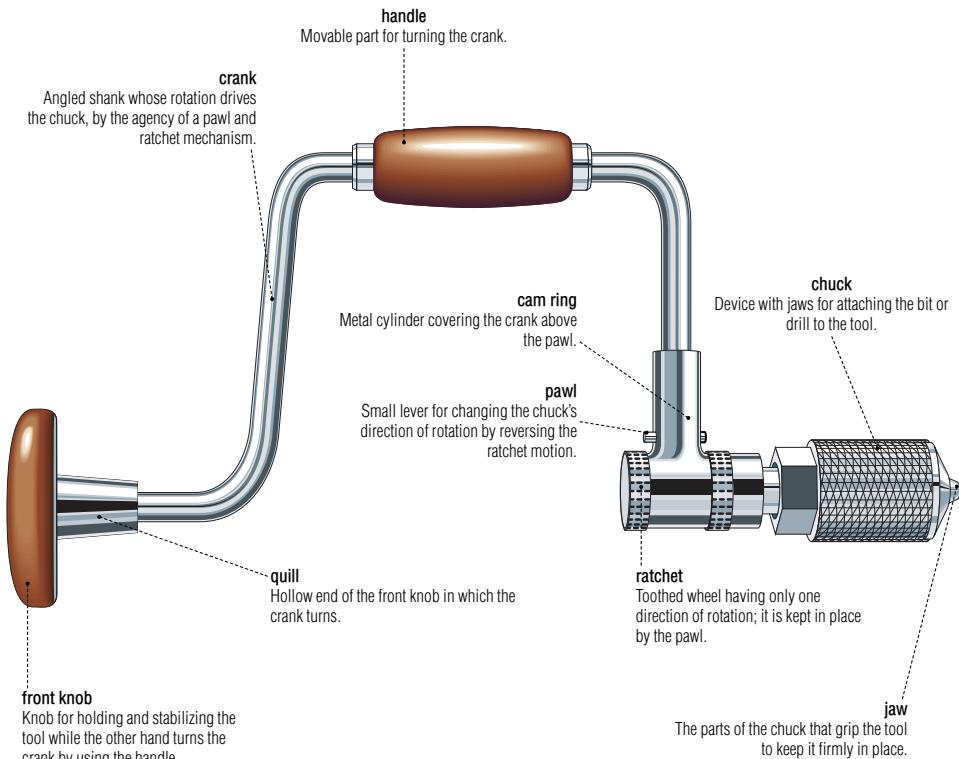
electric drill

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.



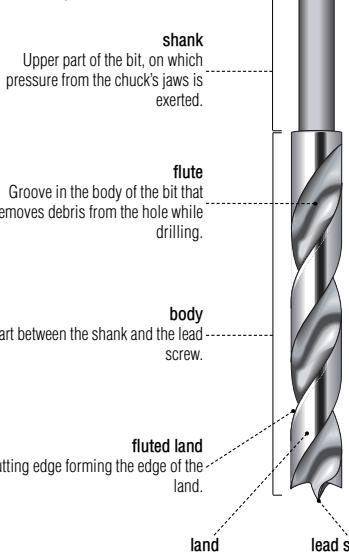
carpentry: drilling tools

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**

Spiral protrusion around the bit's shank; it removes debris from the hole being drilled.

spur

Lip that covers the outline of the hole and removes debris, which is then pushed to the twist and disposed of.

lead screw

Threaded pointed end for centering the bit in the middle of the hole at the start of drilling.

**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**

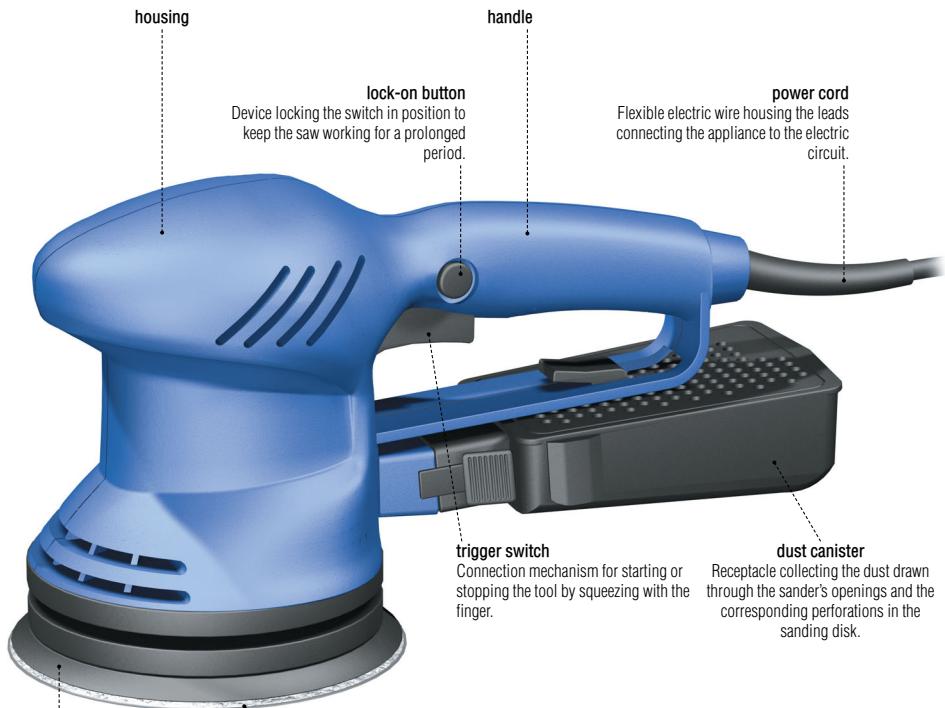
Bit designed for shallow holes of wide diameter; it has a long lead screw for positioning on the center of the hole.

**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.

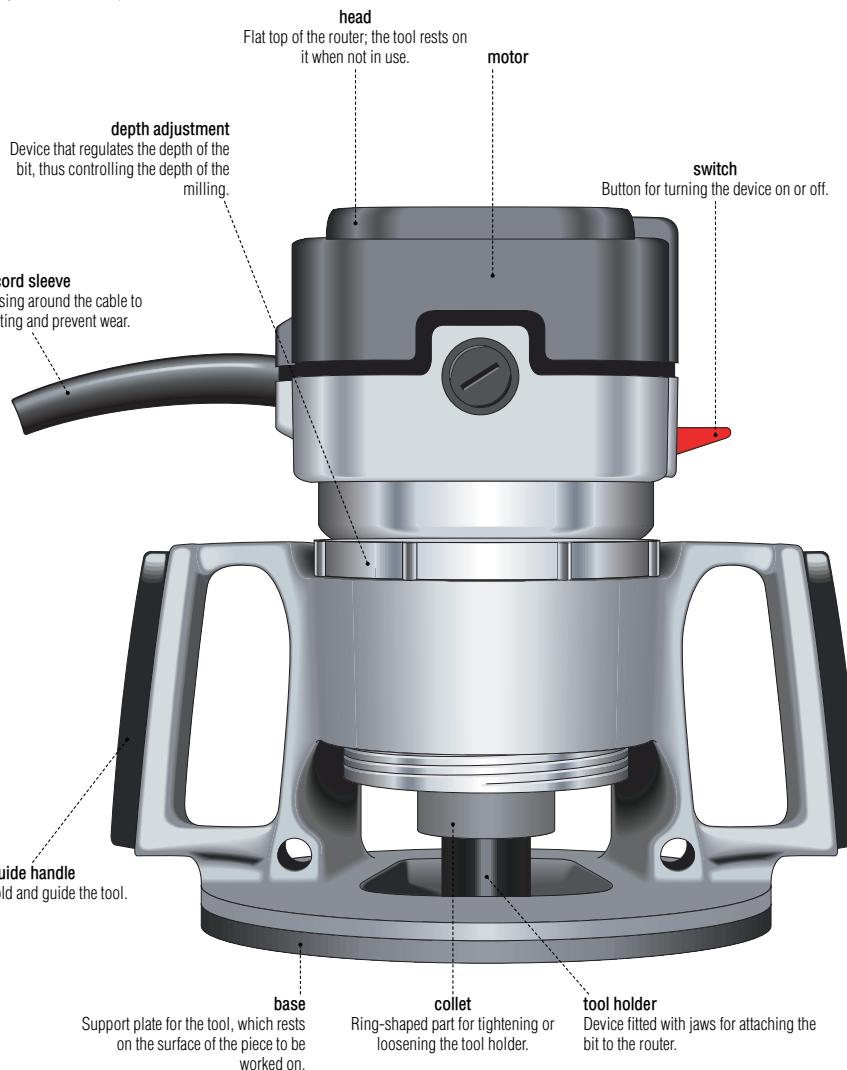
**sanding disk**

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.

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.

knob

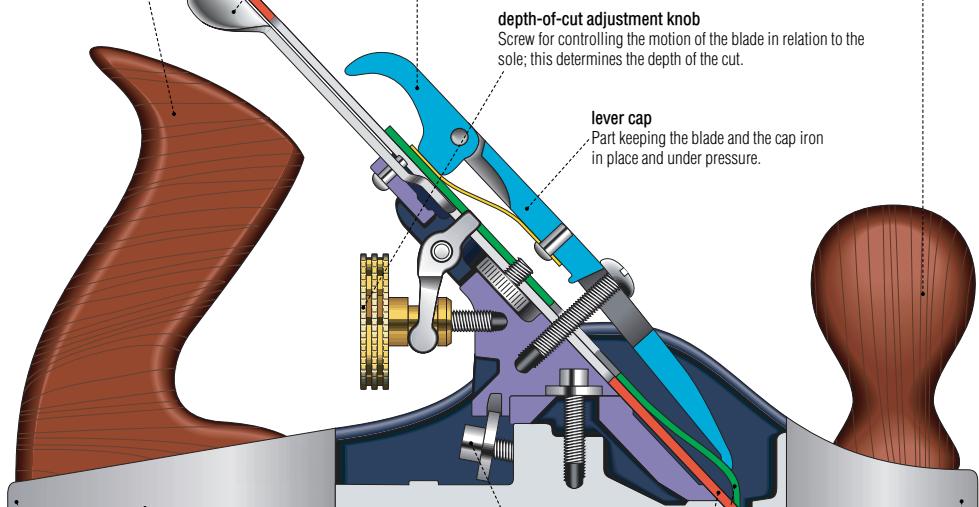
Handle for guiding and stabilizing the tool.

handle**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.

**sole**

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

frog-adjustment screw

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

heel

Rear end of the tool.

blade

Metal plate whose beveled edge constitutes the cutting edge of the plane.

cap iron

Metal part in apposition to the blade; it breaks off the wood shavings to facilitate their removal.

file

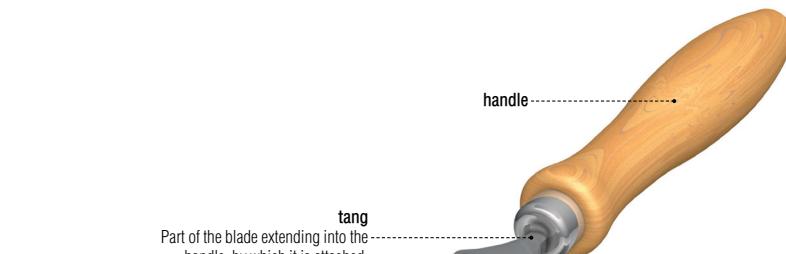
Hand tool made up of a metal blade whose striated surface allows for pieces of wood, metal or plastic to be smoothed, altered or burnished.

**wood chisel**

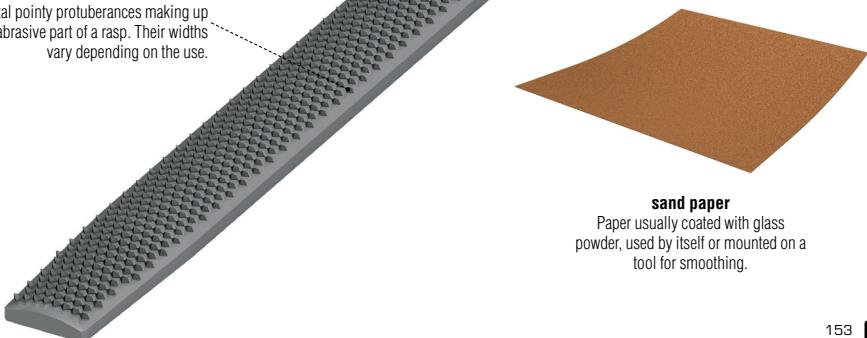
Hand tool with a metal blade whose end is beveled for woodworking.

rasp

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



teeth
Metal pointy protuberances making up the abrasive part of a rasp. Their widths vary depending on the use.

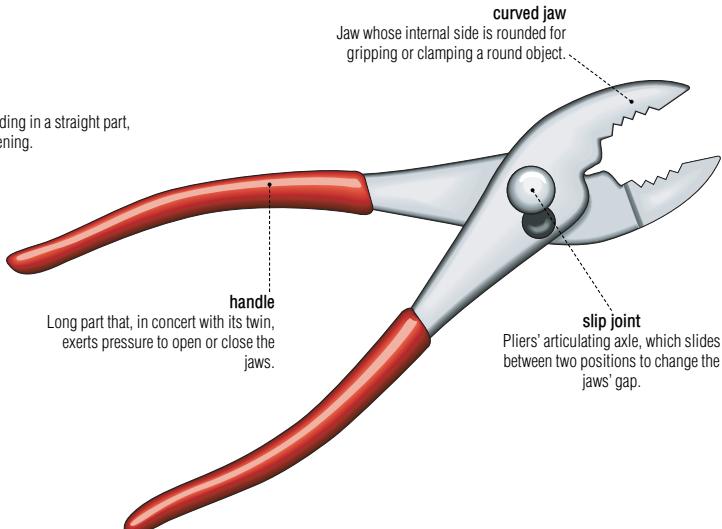
**sand paper**

Paper usually coated with glass powder, used by itself or mounted on a tool for smoothing.

carpentry: gripping and tightening tools

pliers

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

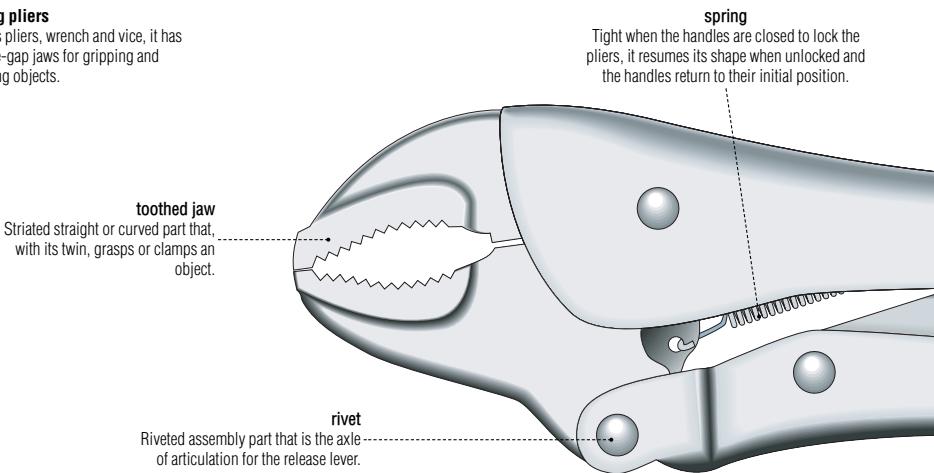


slip joint pliers

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

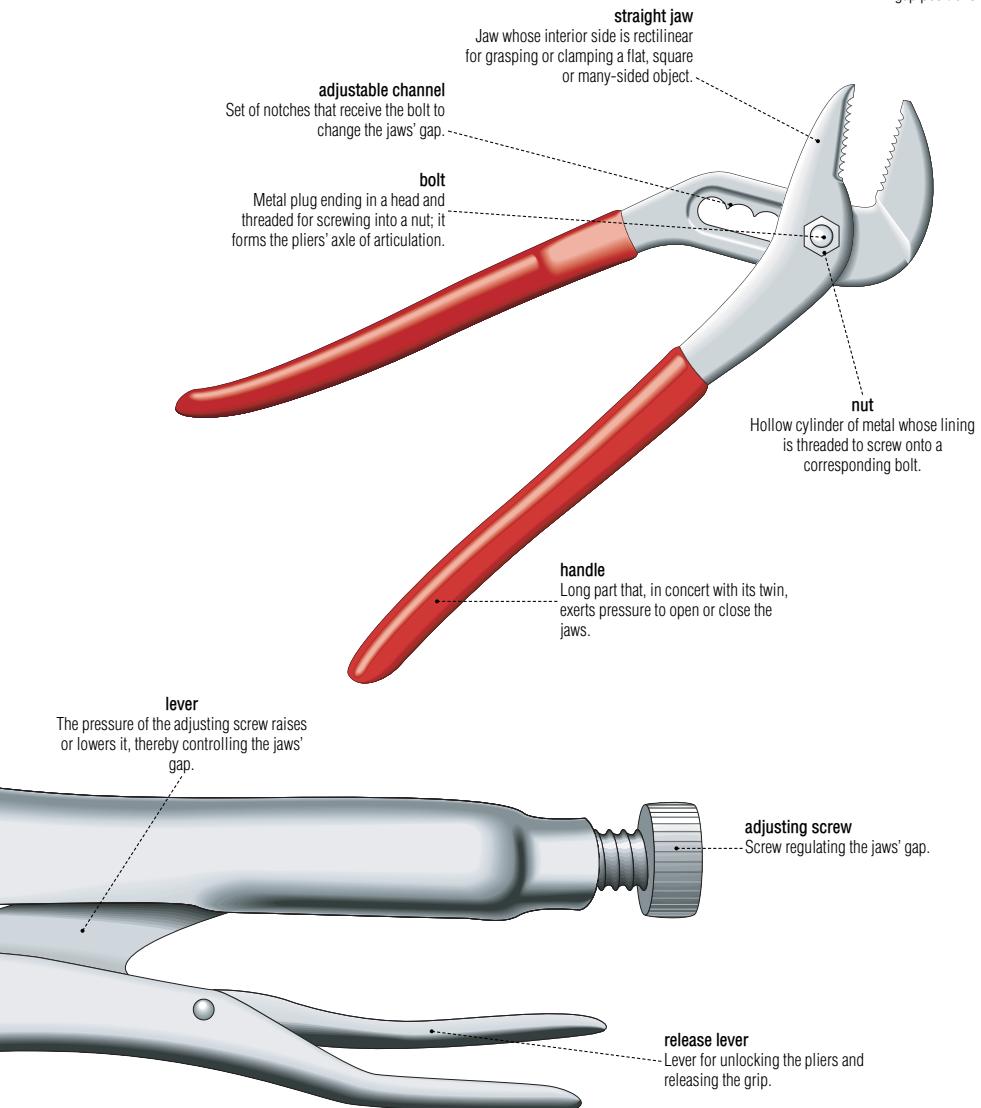
locking pliers

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.

**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.

**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.

**crescent 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**bolt**

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

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

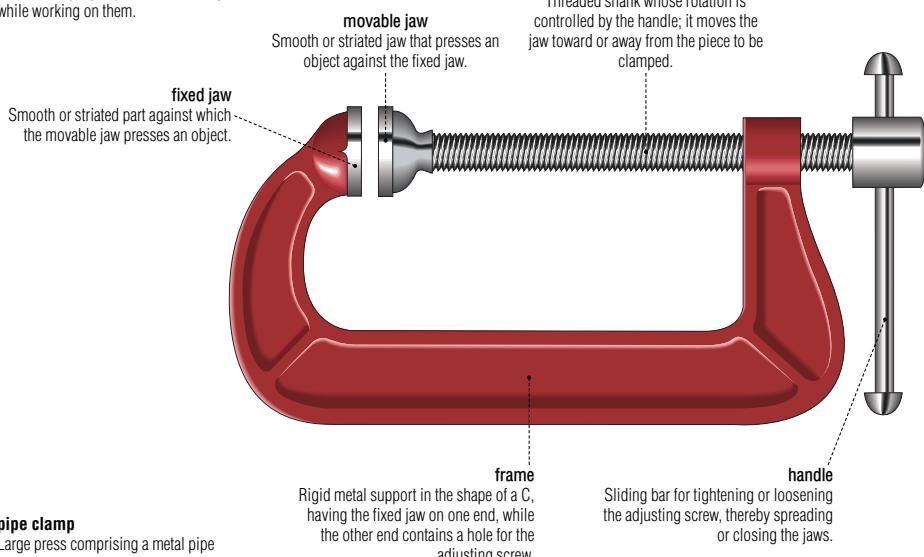
shoulder

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

carpentry: gripping and tightening tools

C-clamp

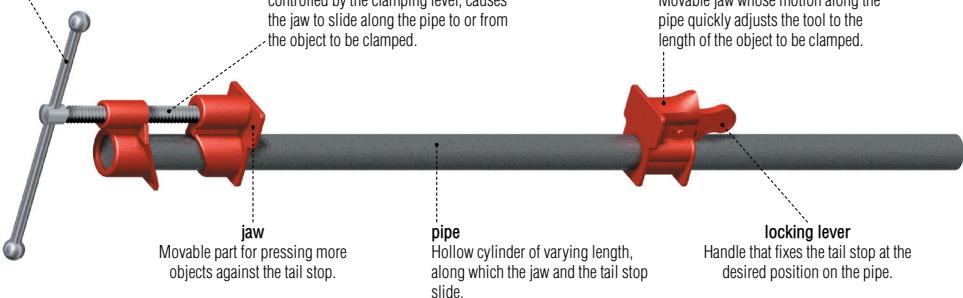
Portable tool with a C-shaped frame, used for keeping objects from moving while working on them.

**pipe clamp**

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

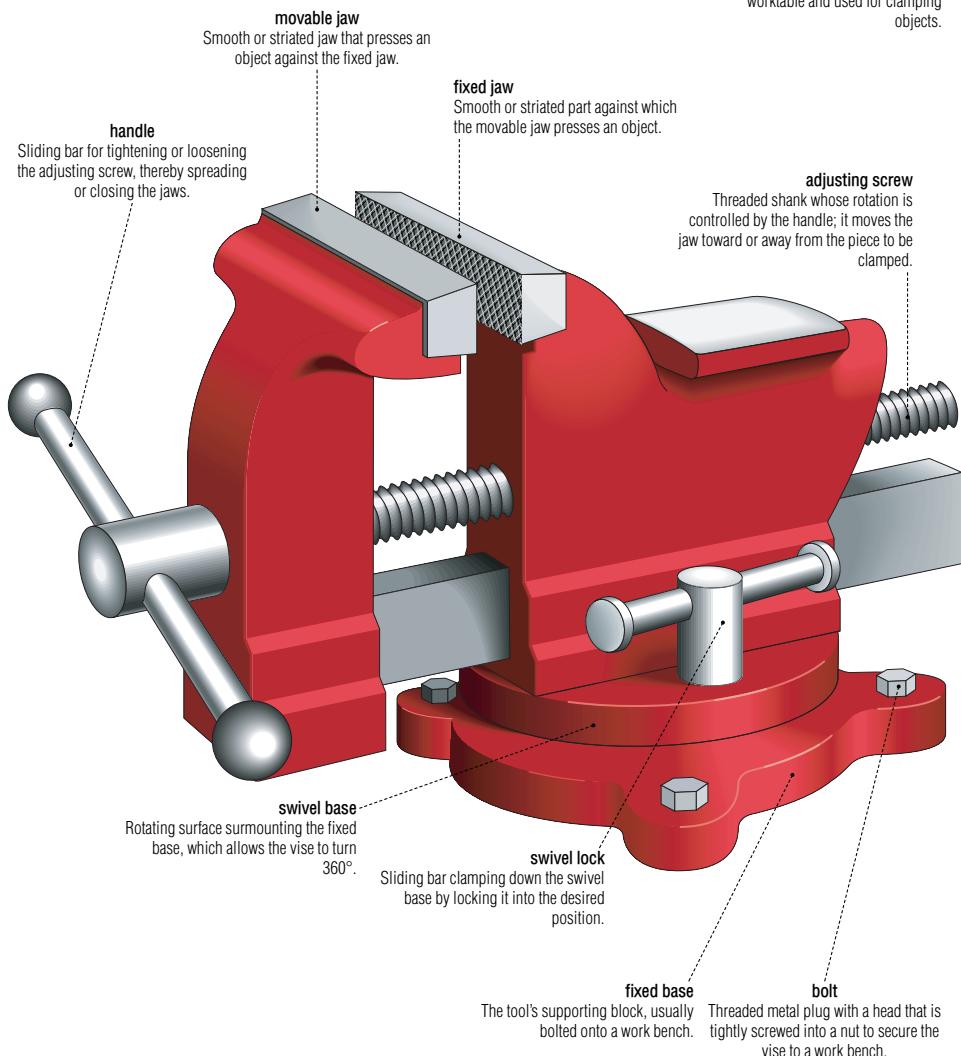
handle

Sliding bar that adjusts the screw to slide the tail stop's jaw up or down the pipe.

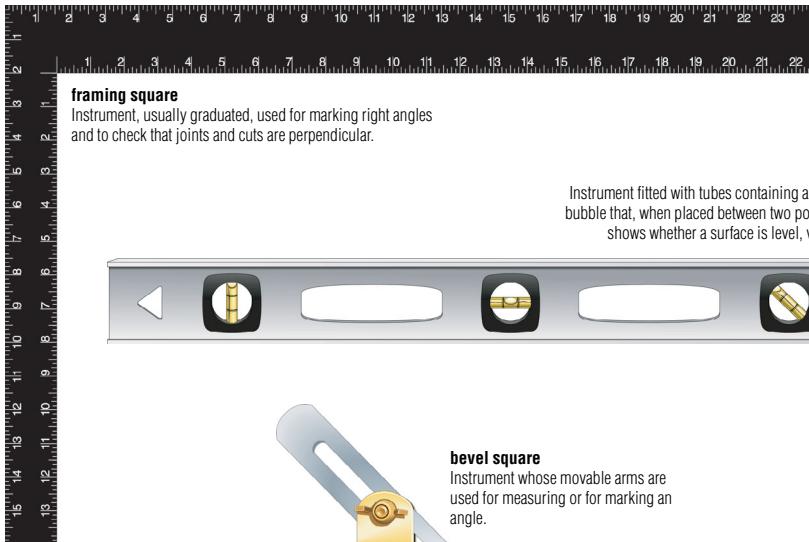


vise

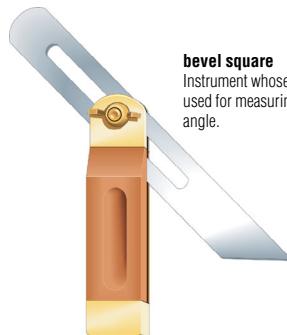
Press with two jaws; it is attached to a worktable and used for clamping objects.



carpentry: measuring and marking tools



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°.

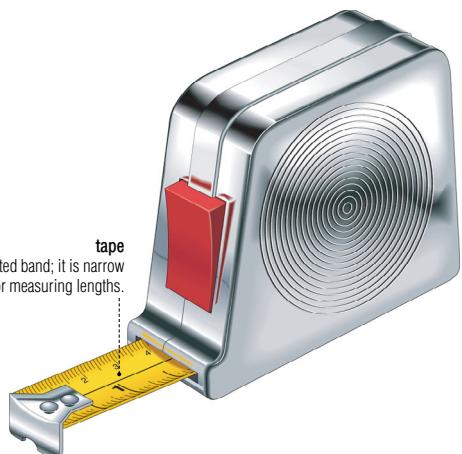


chalk line

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



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



**tool belt**

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

hammer loop

Metal bracket for holding the head of a hammer.

**tool box**

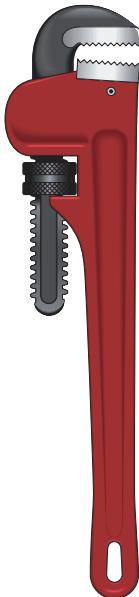
Rigid container, fitted with a cover and a tray, for storing and carrying tools.

tray

Rigid detachable container, divided into compartments and usually used for storing hardware or small 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.



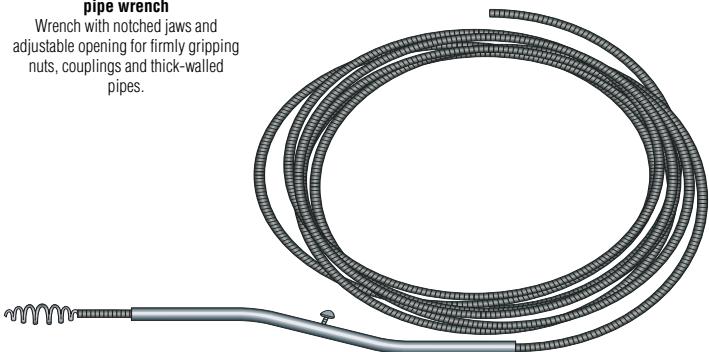
Teflon® tape

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

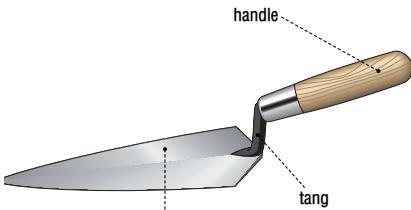
Rubber funnel-shaped instrument, attached to the end of a handle, for unblocking toilets, sinks and other drains.

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.



Slightly curved, for placing mortar on the desired spot.

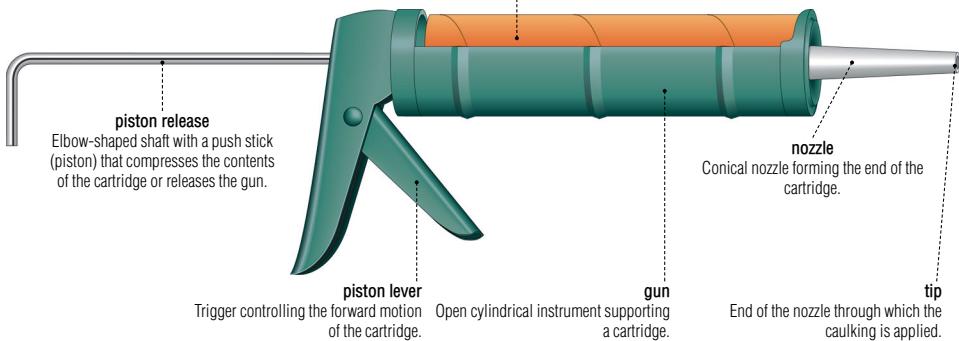
**joint filler**

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

caulking 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.

Trigger controlling the forward motion of the cartridge.

gun
Open cylindrical instrument supporting a 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.

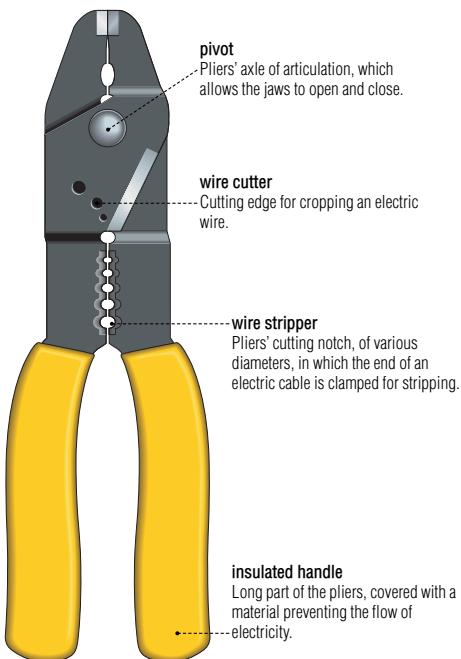


neon tester

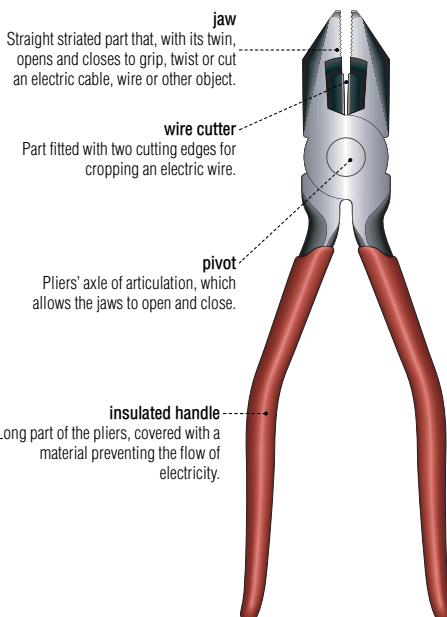
Instrument used for detecting the presence of an electric current in low-voltage appliances, devices and circuits.

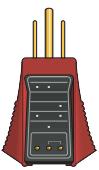
multipurpose tool

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.

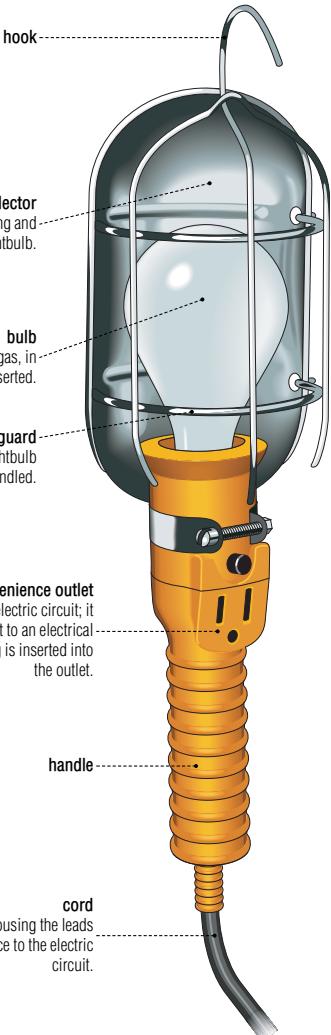
**insulated blade****insulated handle**

Part for gripping the tool, made from a material that prevents an electric current from passing through it.

neon lamp

Small tube that lights up when the blade is in contact with a live conductor.

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

**reflector**

Metal half sphere concentrating and directing the light from a lightbulb.

bulb

Glass envelope filled with gas, in which a luminous body is inserted.

guard

Metal mesh protecting the lightbulb while the drop light is being handled.

convenience outlet

Device connected to an electric circuit; it transmits the current to an electrical appliance when its plug is inserted into the outlet.

handle**cord**

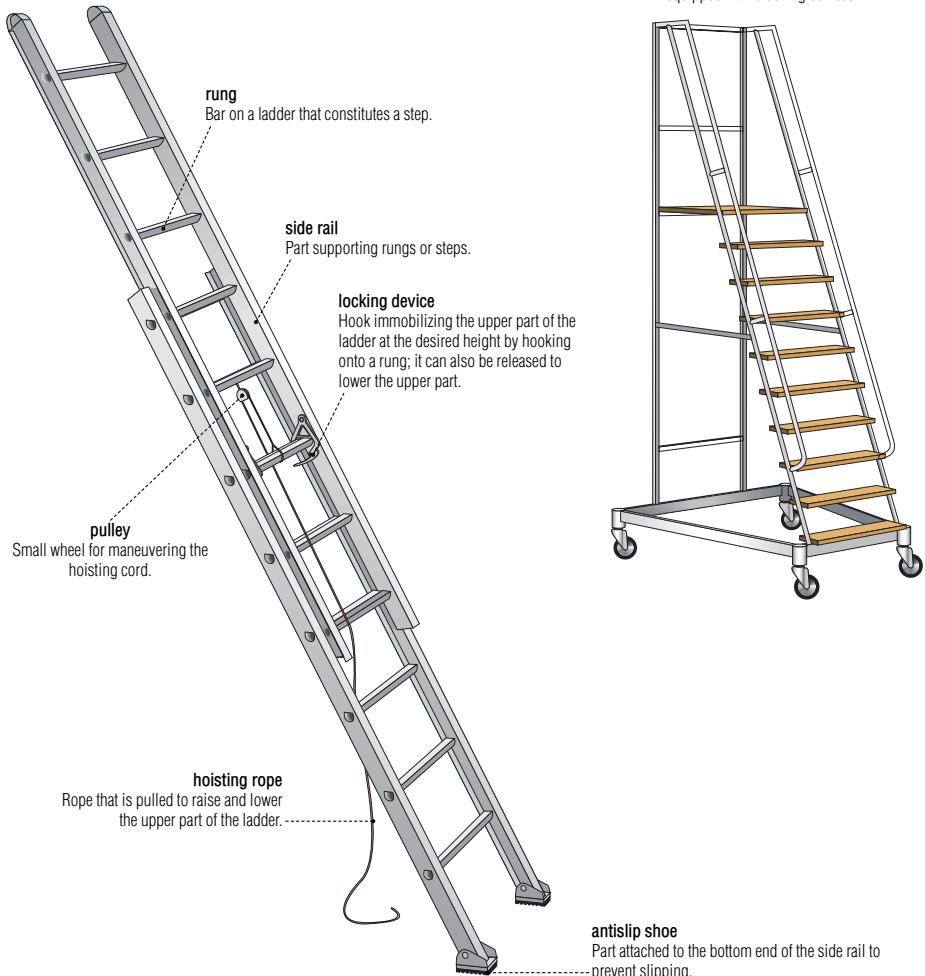
Flexible electric wire housing the leads connecting the appliance to the electric circuit.

ladders and stepladders

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

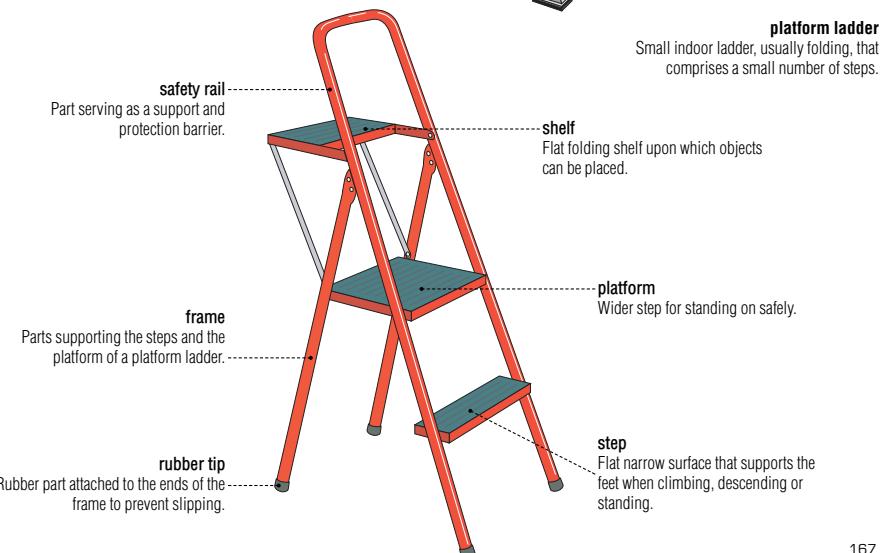
extension ladder

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.

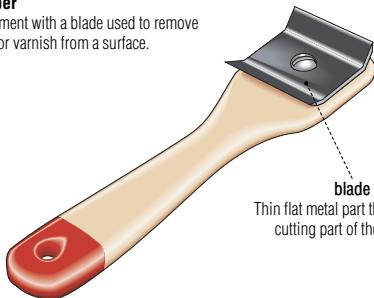


painting upkeep

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.

paint roller

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

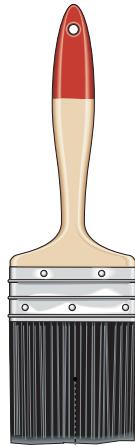


roller frame

Metal pivoting structure inserted into the roller cover as support.

brush

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

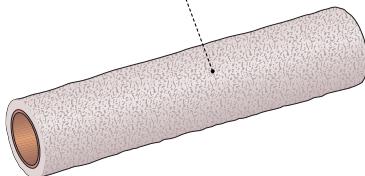


bristles

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

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.



- 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
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