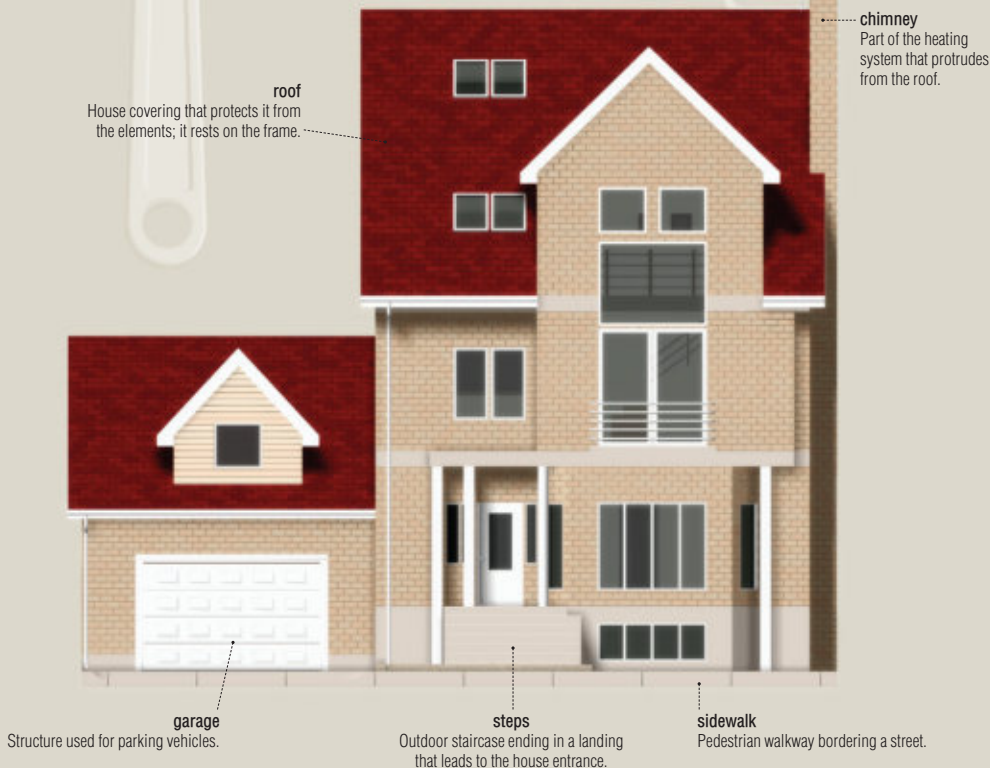


HOUSE & DO-IT-YOURSELF



HOUSE & DO-IT-YOURSELF

Jean-Claude **Corbeil**

Ariane **Archambault**

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INTRODUCTION

EDITORIAL POLICY

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

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

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

STRUCTURE

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

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

TERMINOLOGY

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

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

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

DEFINITIONS

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

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

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

METHODS OF CONSULTATION

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

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

TITLE

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

SUB-THEME

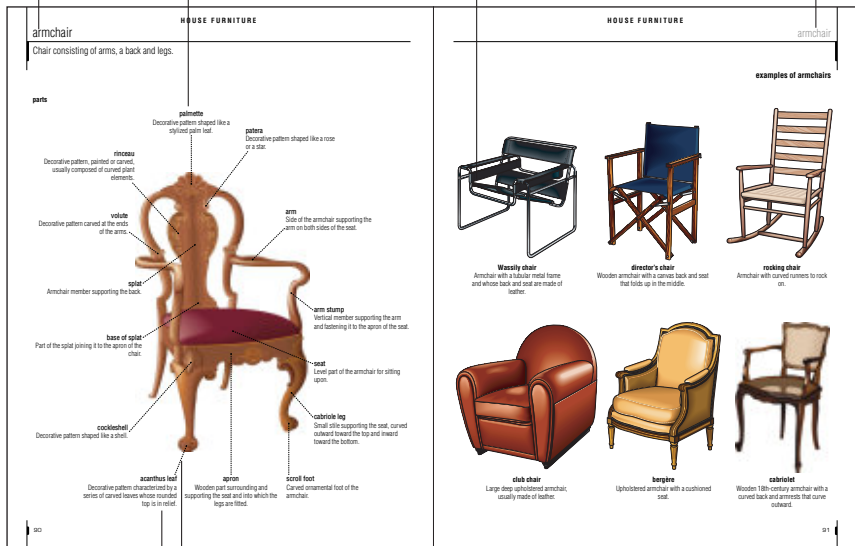
These are shown at the end of the preliminary pages along with their definitions. They are then repeated on each page of a section, but without the definition.

TERM

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

ILLUSTRATION

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



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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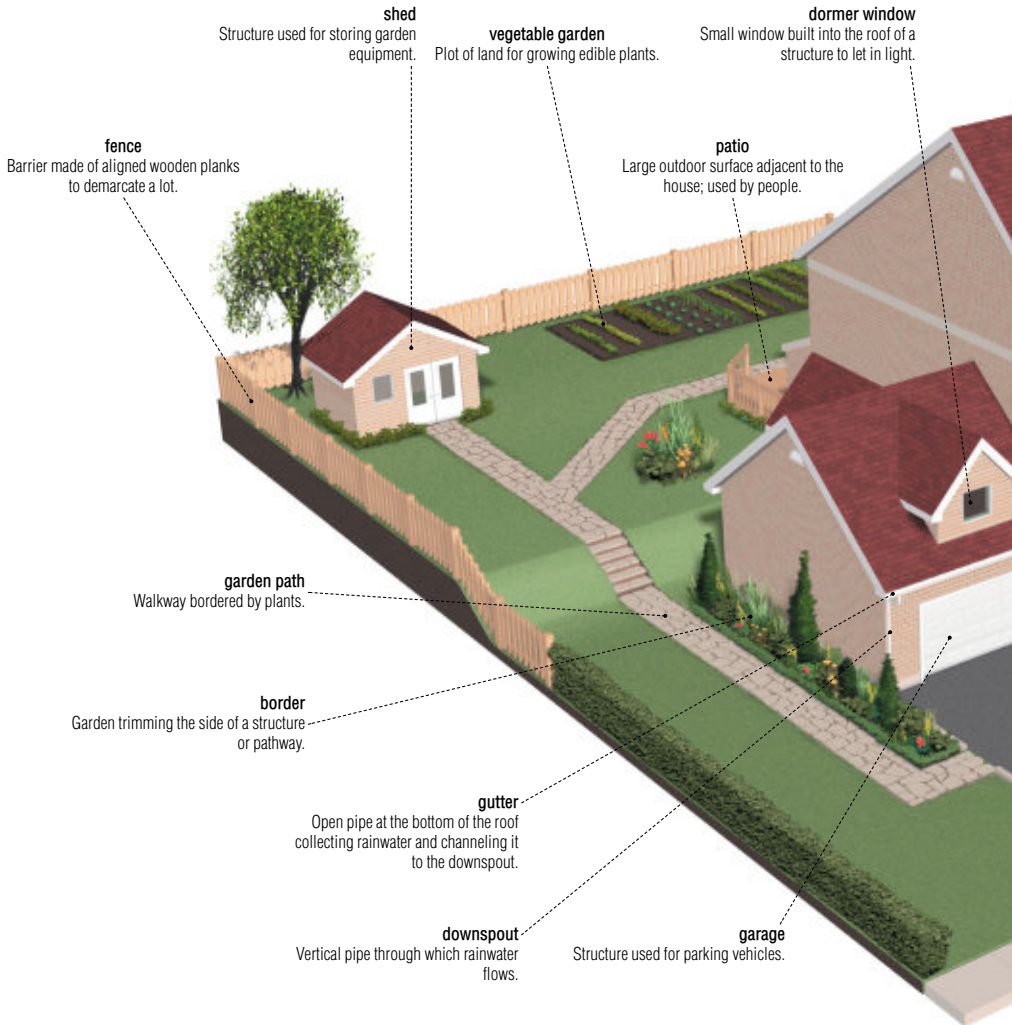
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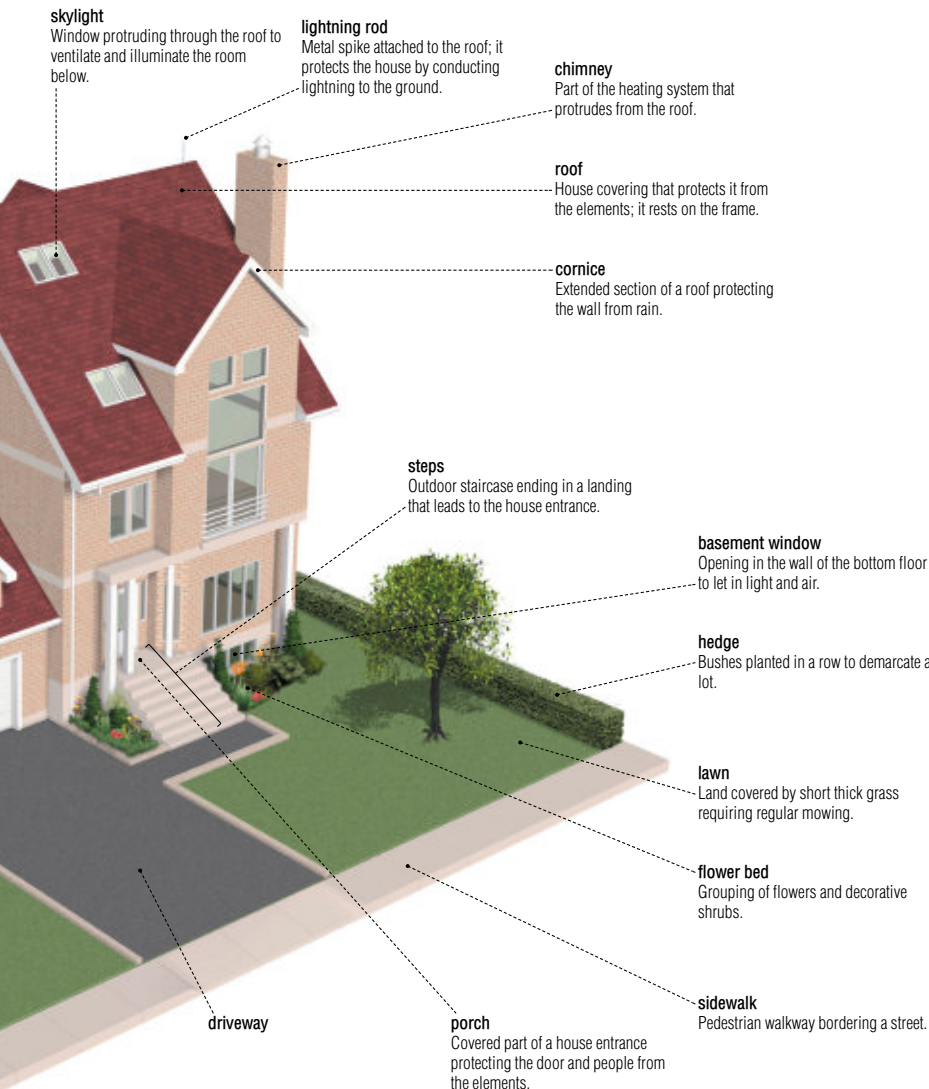
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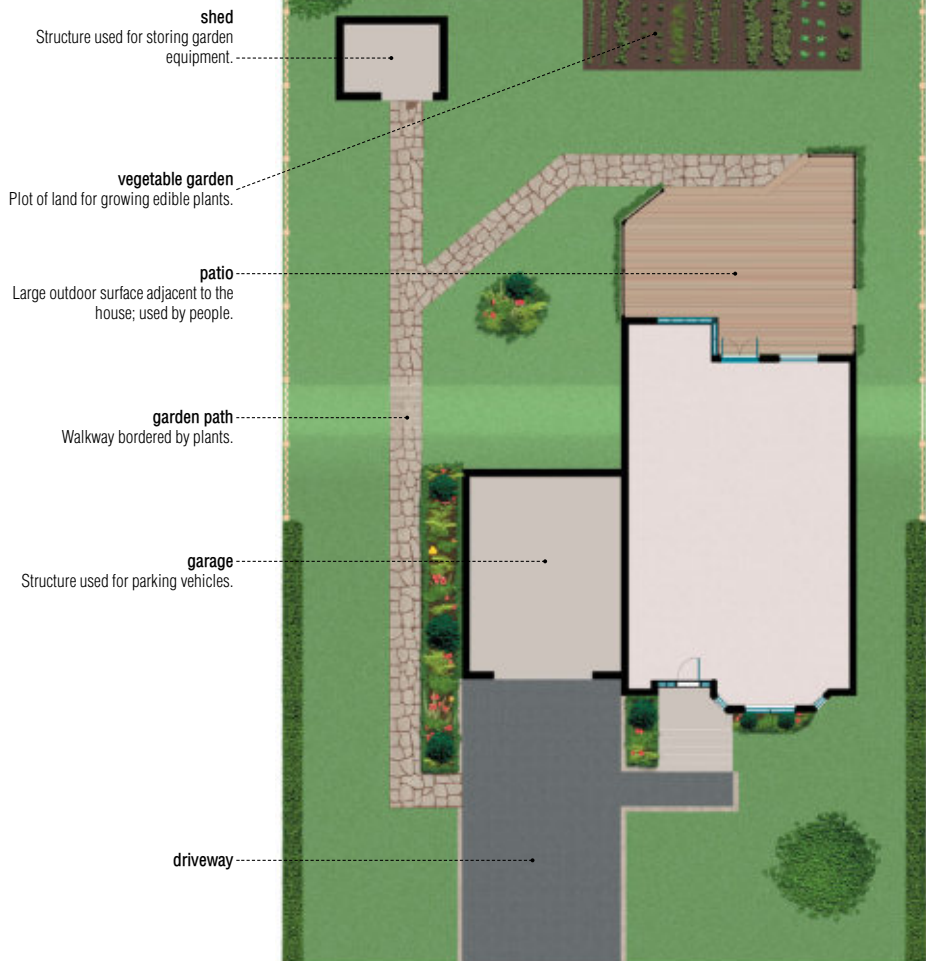
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exterior of a house

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





**site plan**

Graphical representation of the horizontal projection of a lot.

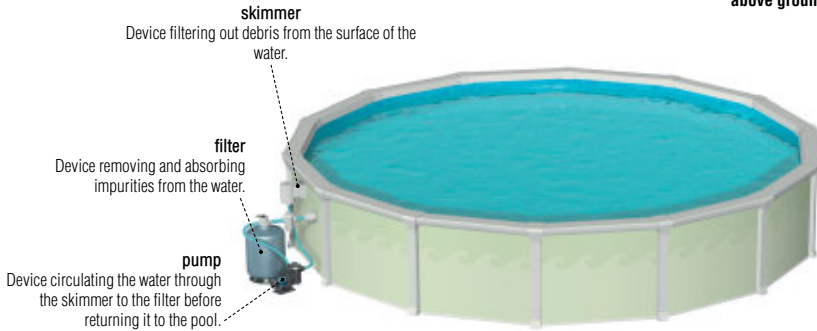
Man-made basin designed for swimming.



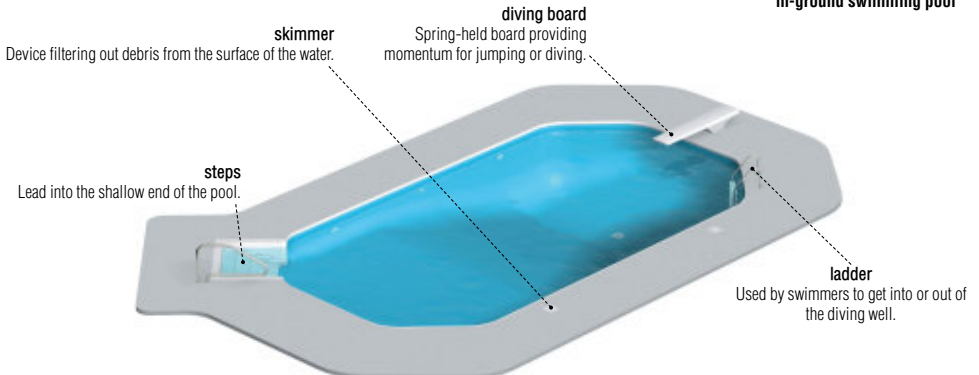
spa

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

above ground swimming pool



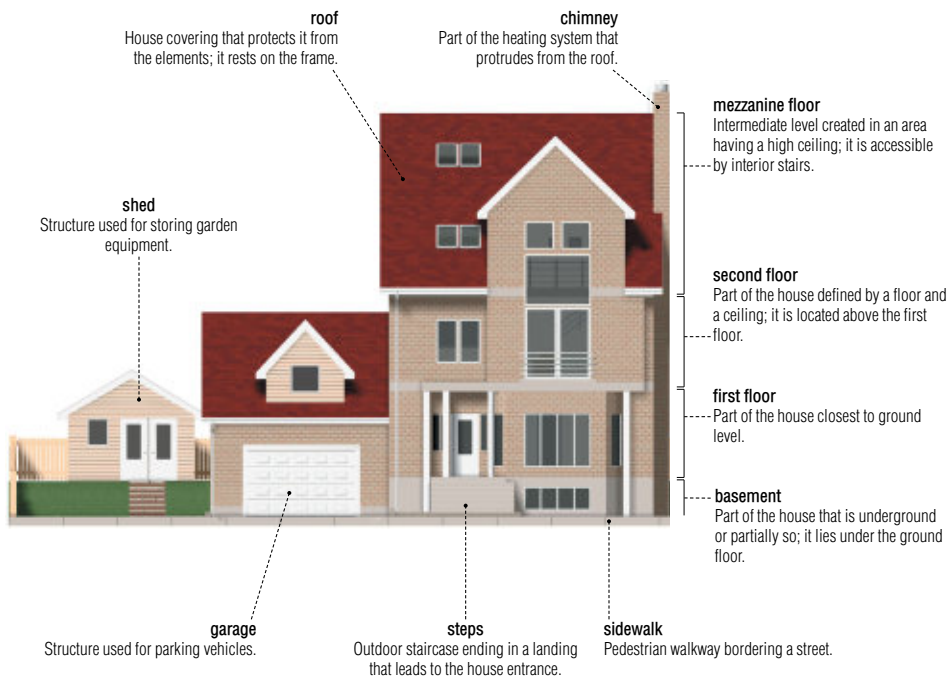
in-ground swimming pool



main rooms

elevation

Vertical representation of the projection of the house.



mezzanine floor

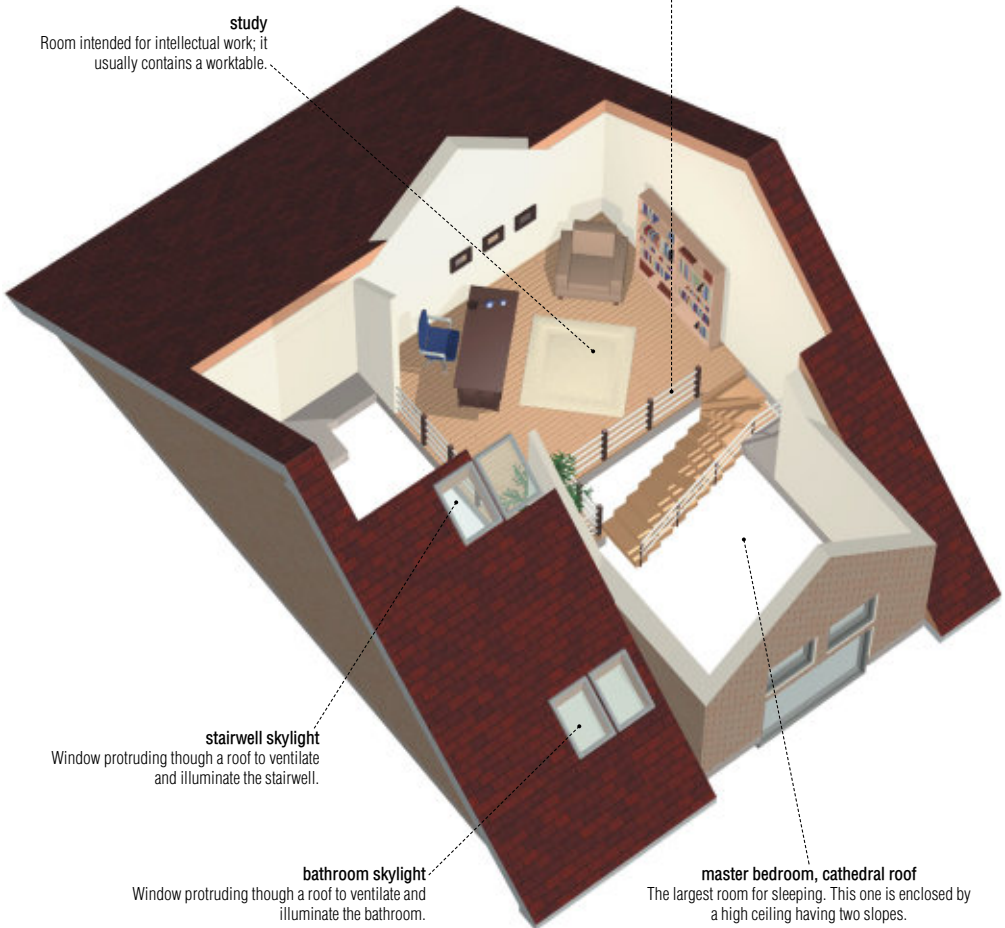
Intermediate level created in an area having a high ceiling; it is accessible by interior stairs.

railing

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

study

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



stairwell skylight

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

bathroom skylight

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

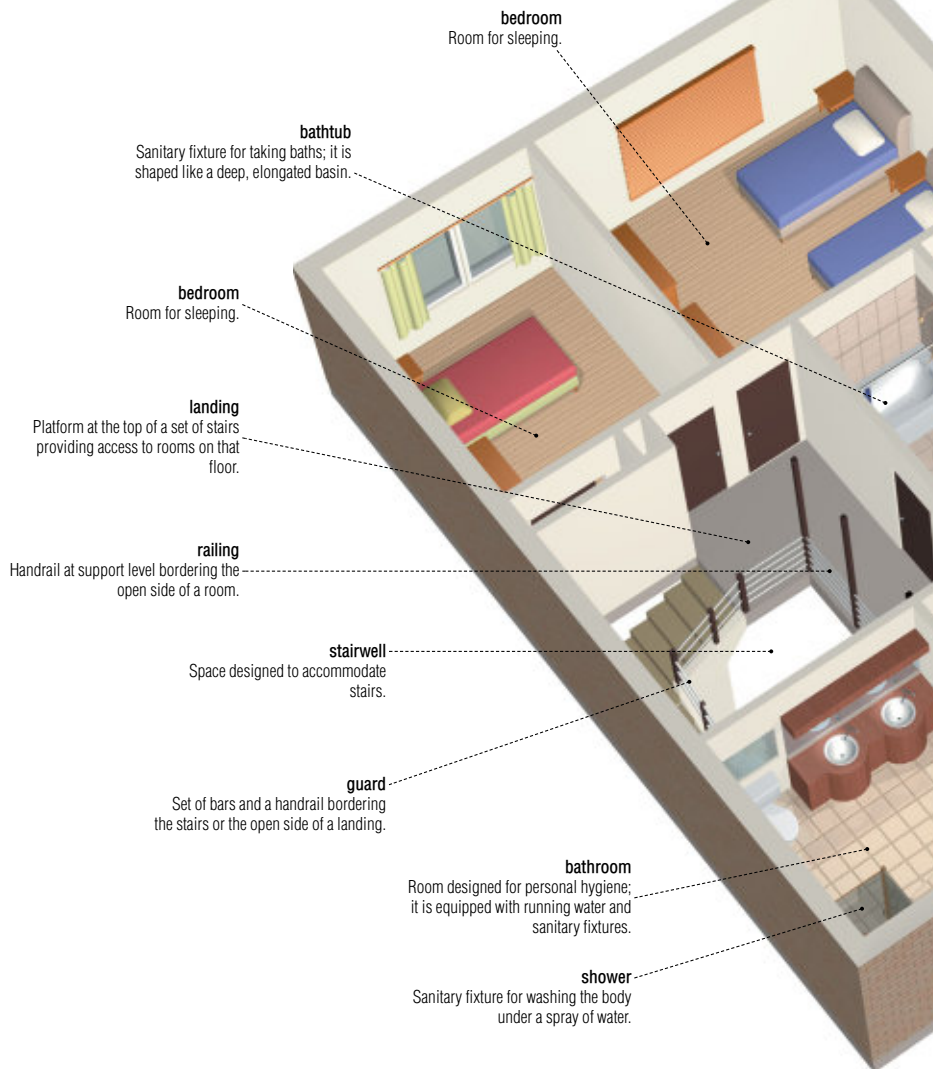
master bedroom, cathedral roof

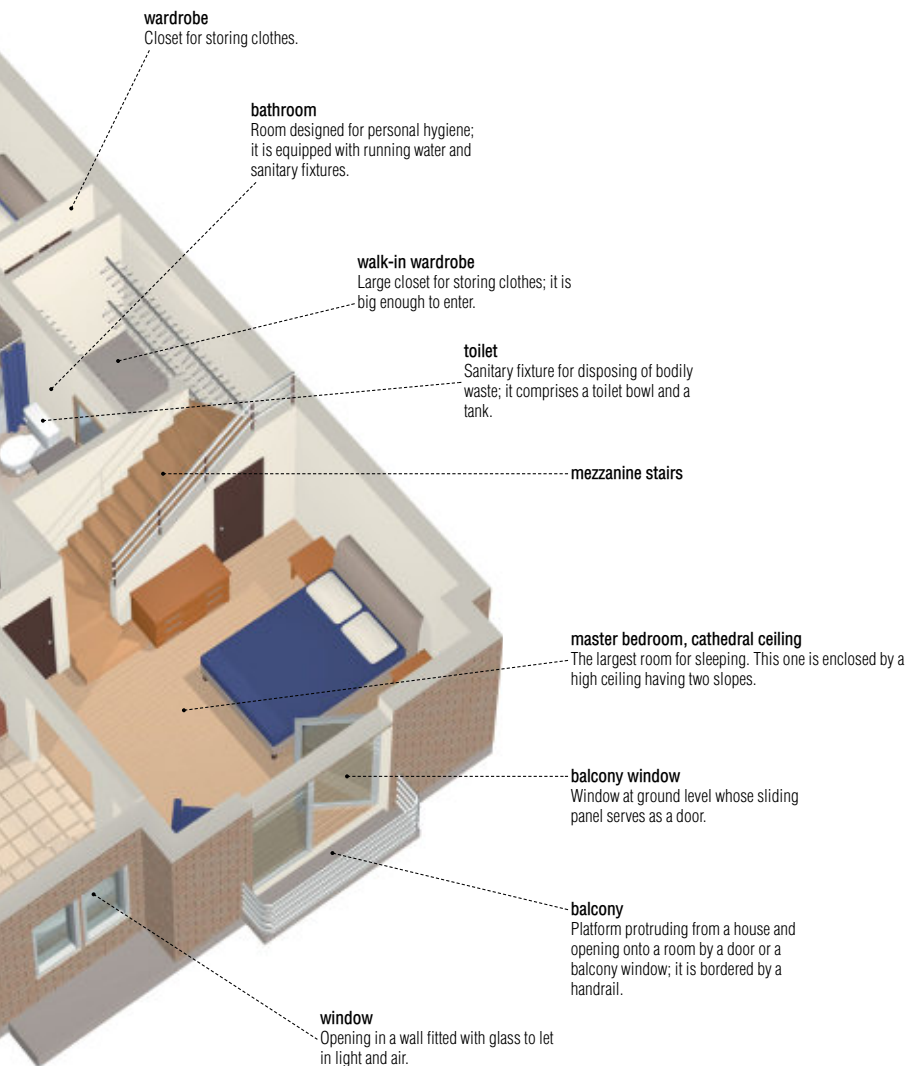
The largest room for sleeping. This one is enclosed by a high ceiling having two slopes.

main rooms

second floor

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

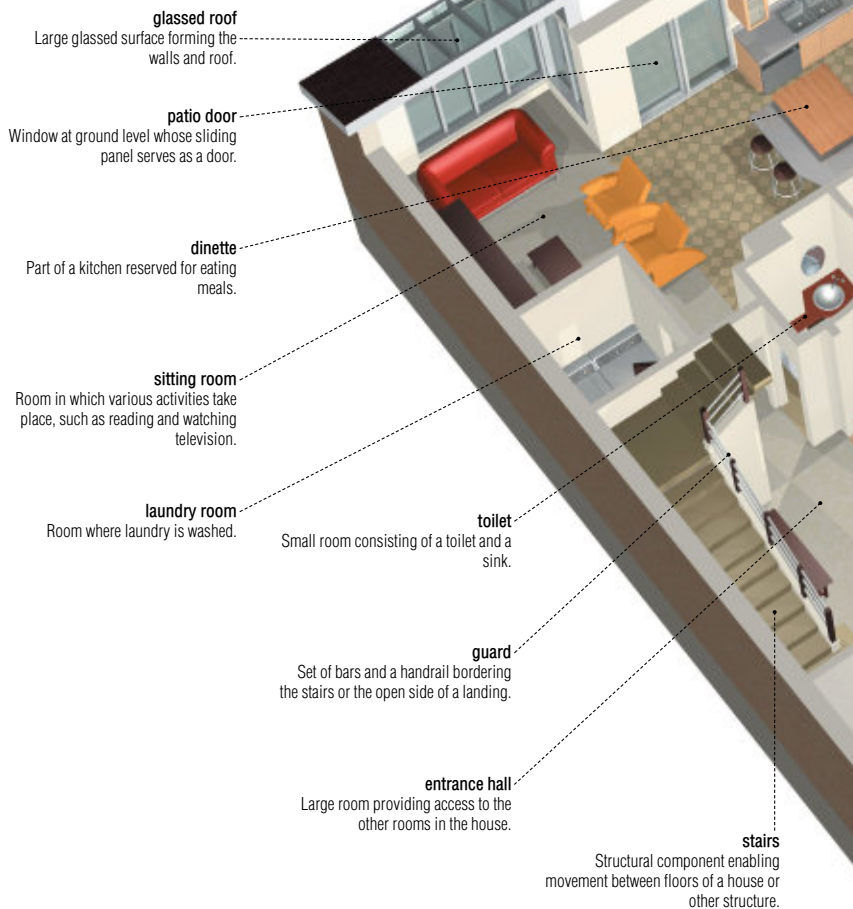


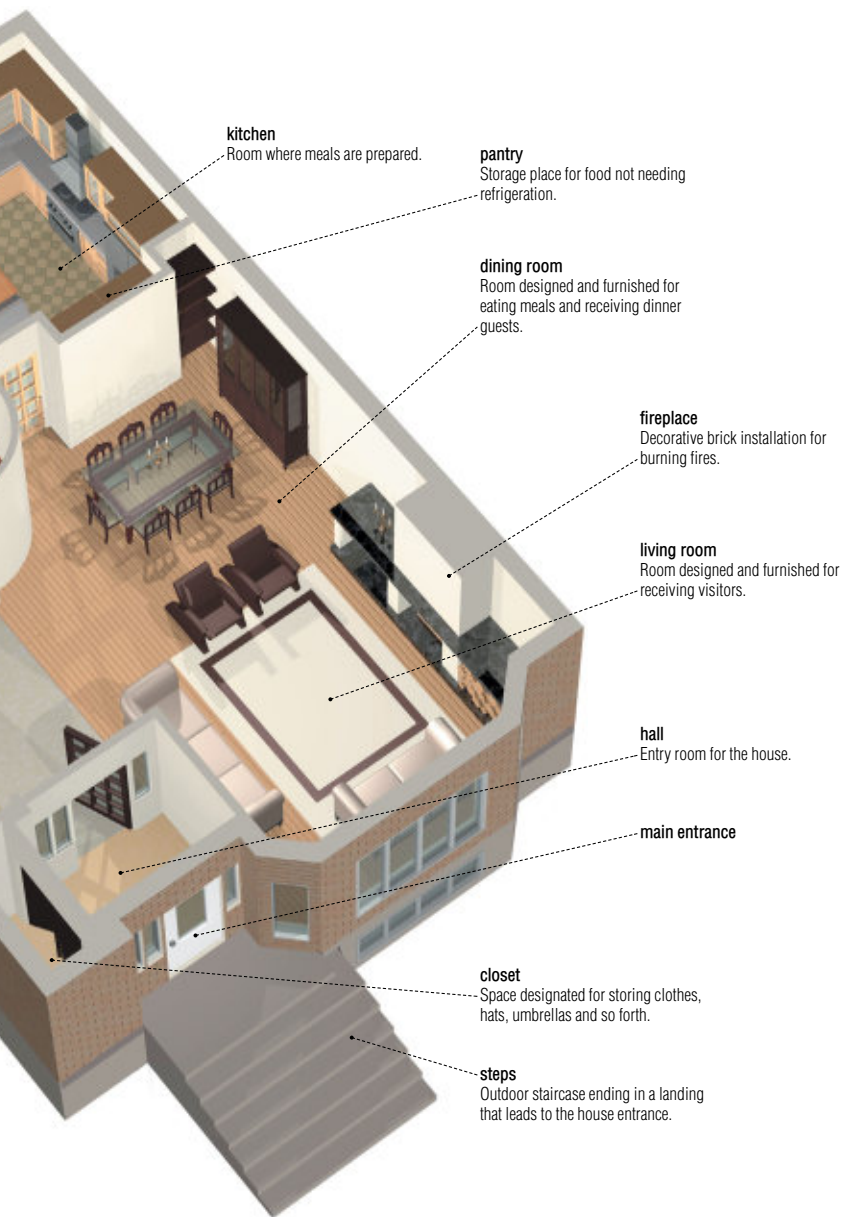


main rooms

first floor

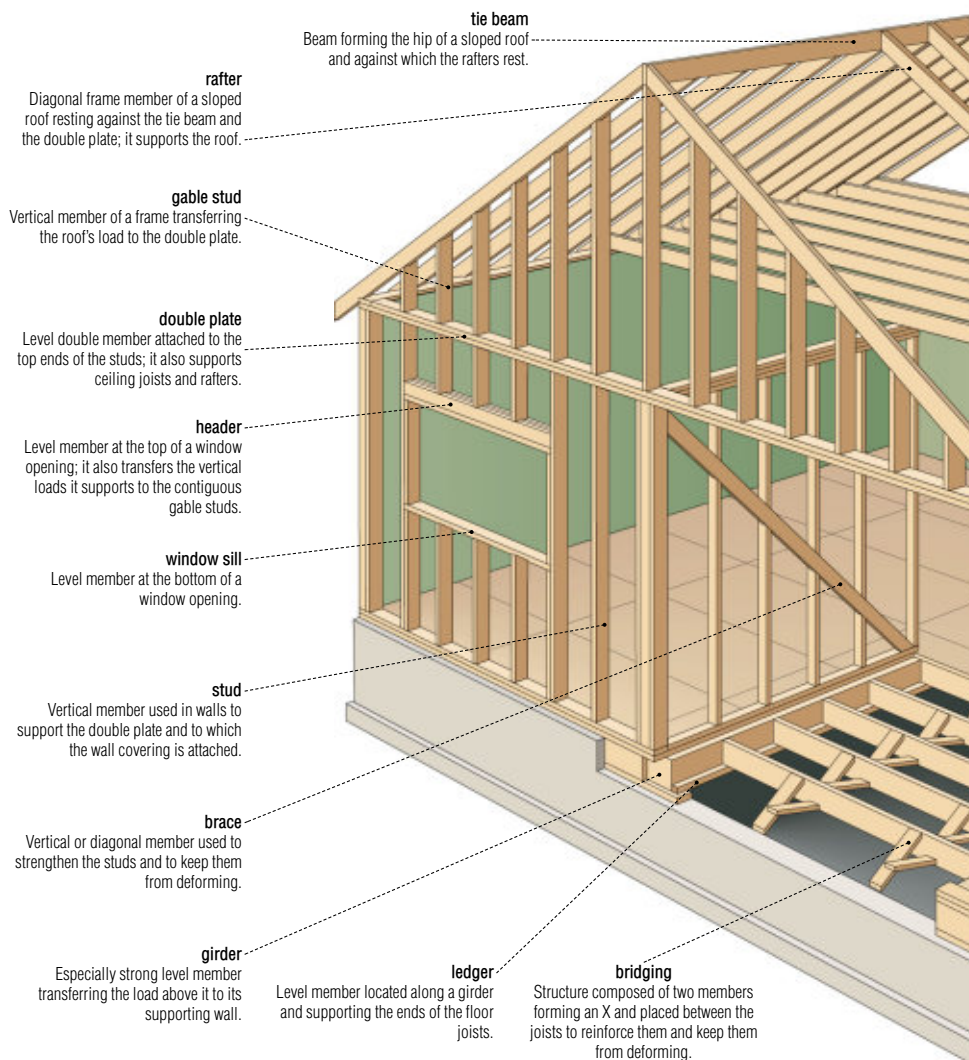
Part of the house closest to ground level.

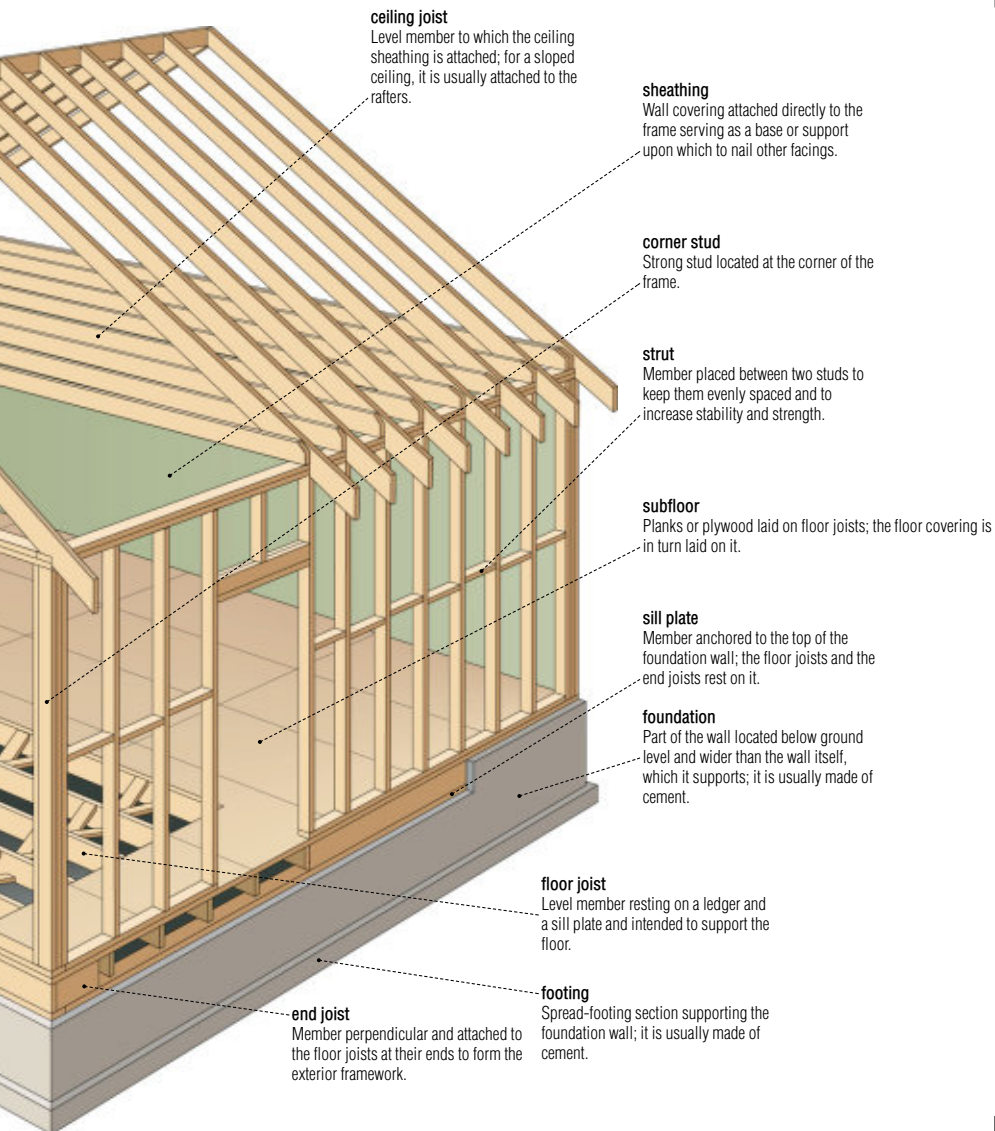




frame

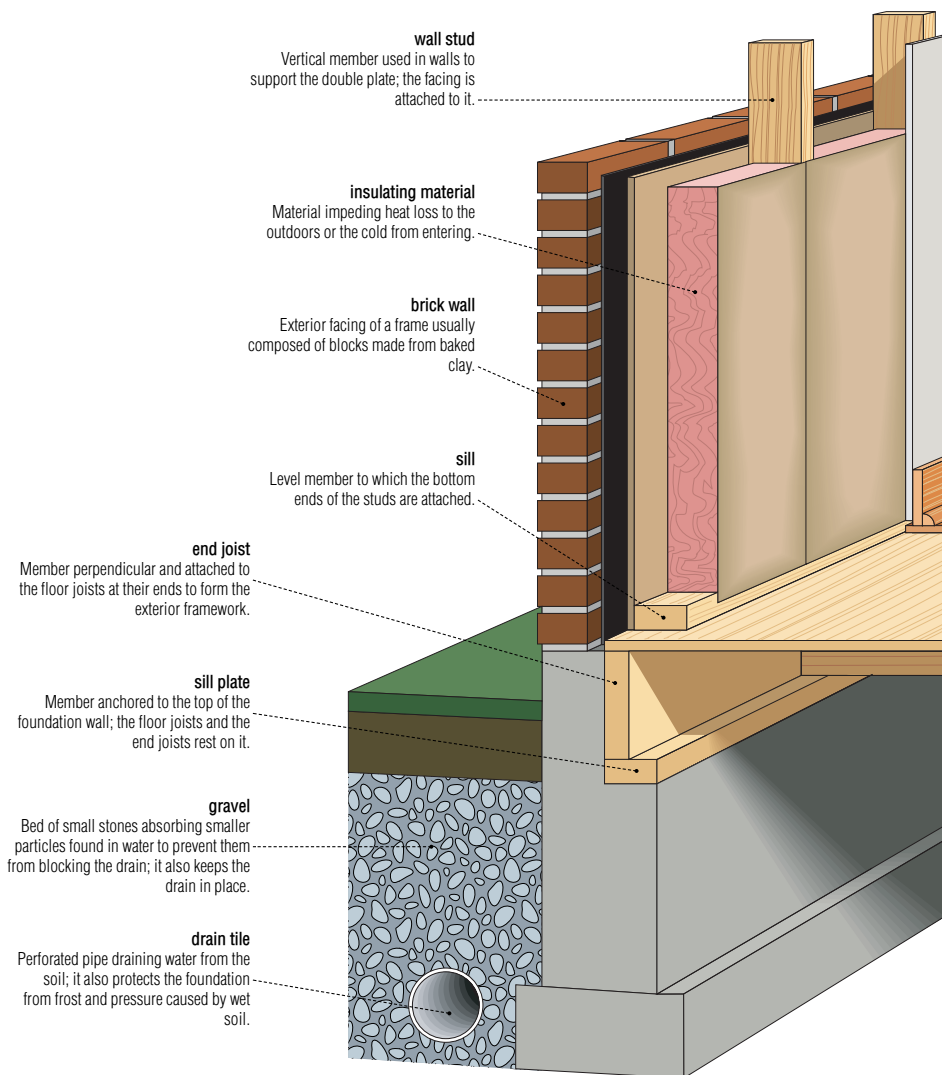
Assembly of members that consists of the load-bearing structure of a building and that provides stability to it.

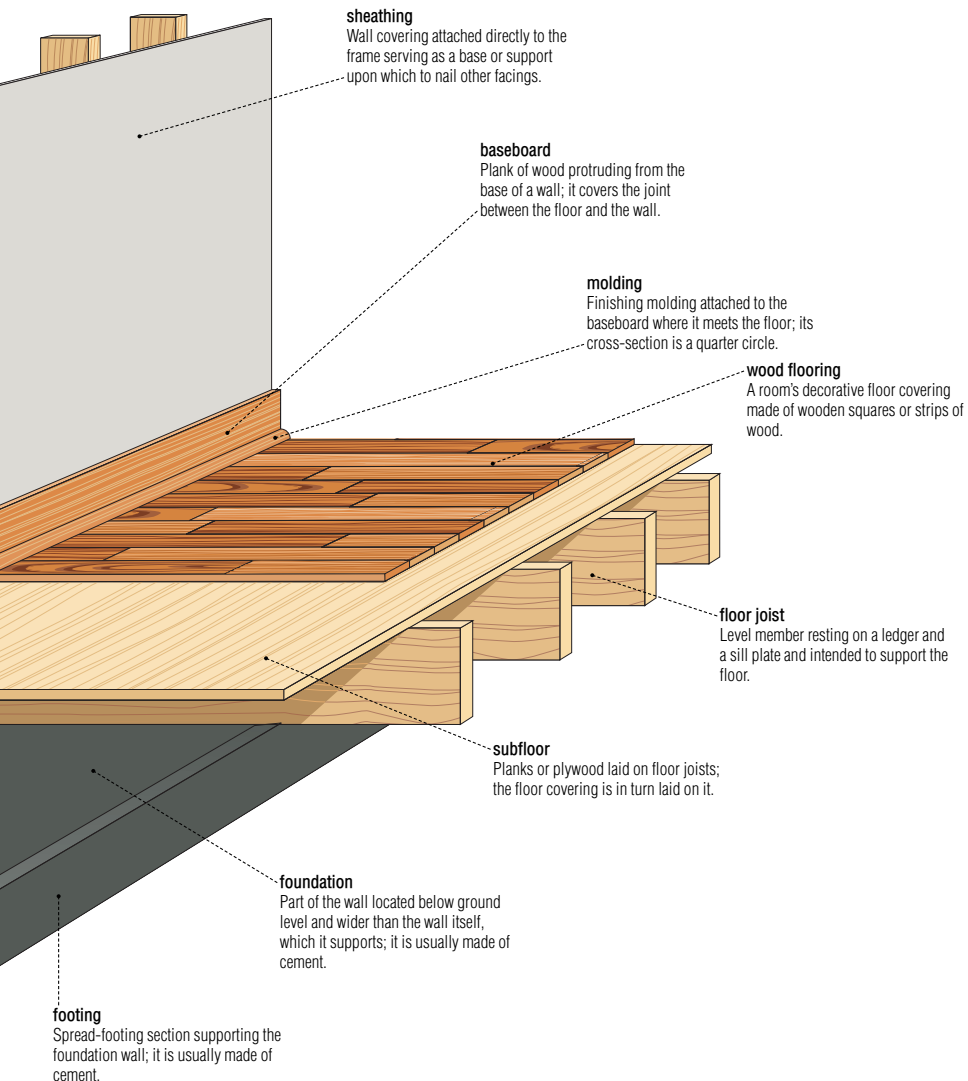




foundation

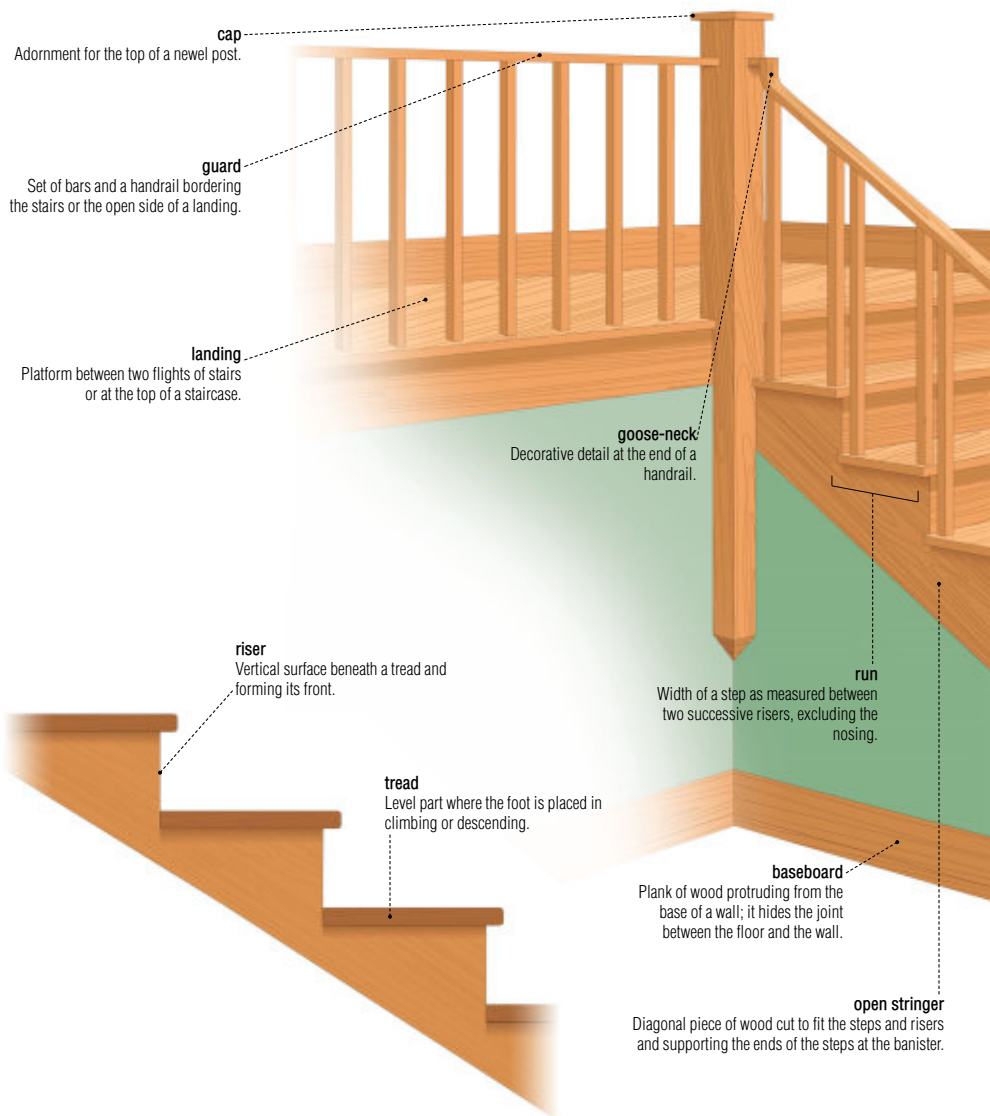
Work done on-site in cement or masonry; it supports a structure's load and transfers it to the ground, thus providing stability.

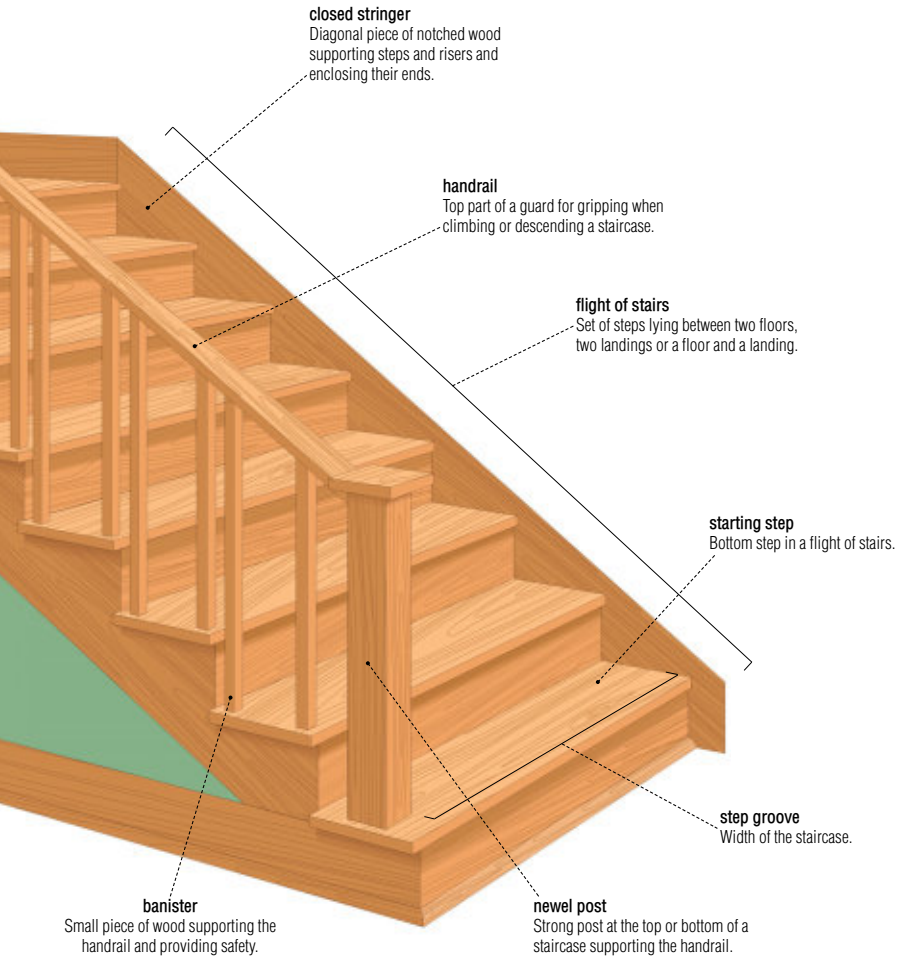




stairs

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



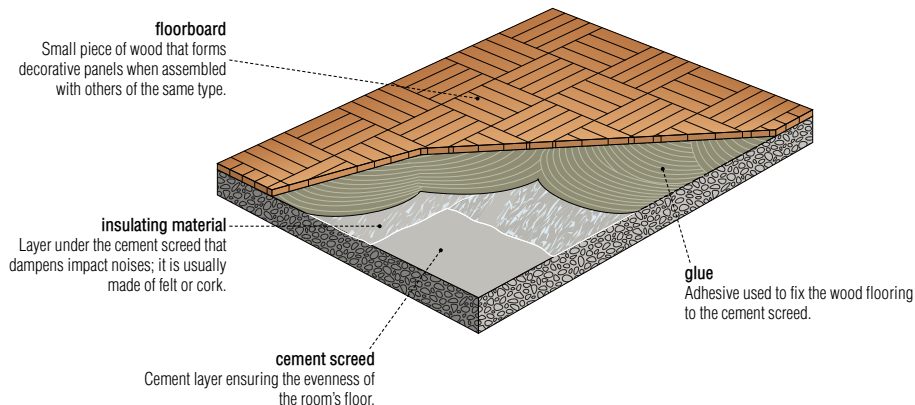


wood flooring

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

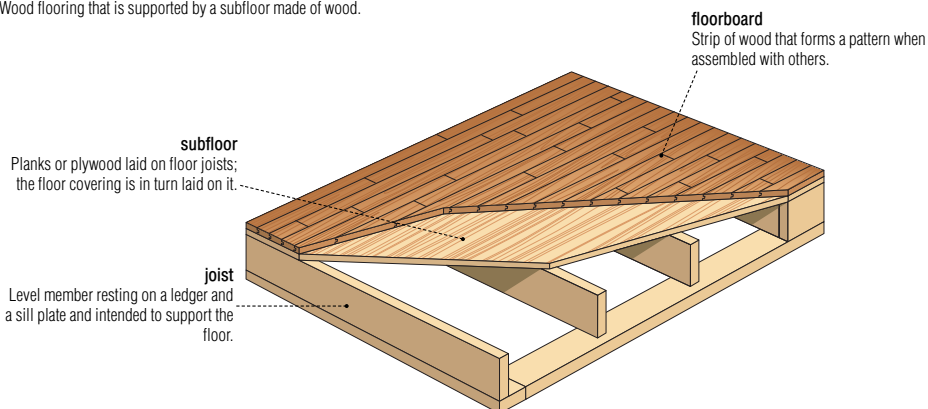
wood flooring on cement screed

Wood flooring that is supported by a layer of cement.



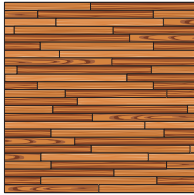
wood flooring on wooden structure

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.



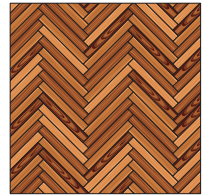
overlay flooring

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.



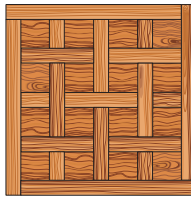
herringbone parquet

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



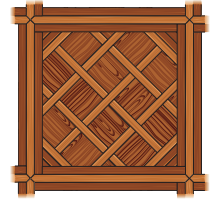
herringbone pattern

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



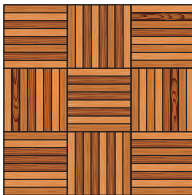
Chantilly parquet

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



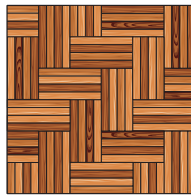
Versailles parquet

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



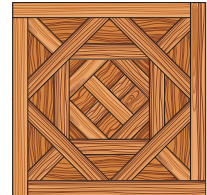
inlaid parquet

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.

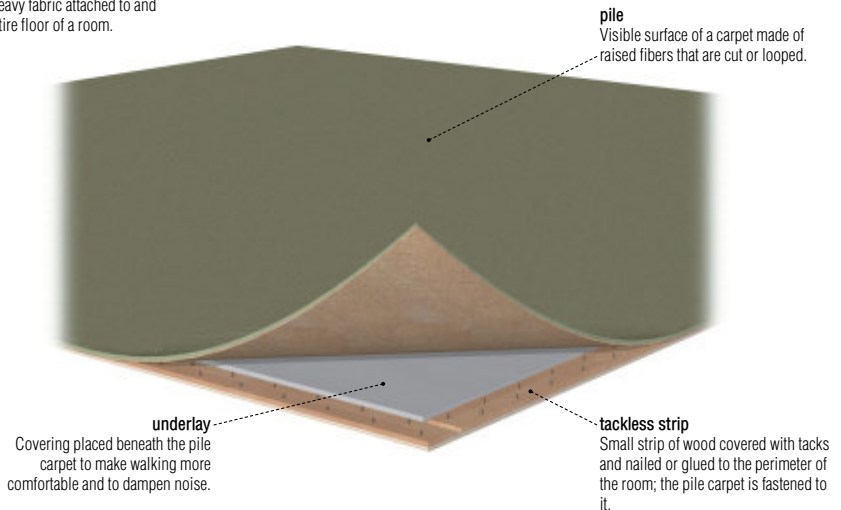
rug

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.



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

examples of windows

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



French window

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



casement window

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



louvered window

Window whose glass louvers rotate along a horizontal axis.



sliding window

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



sash window

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



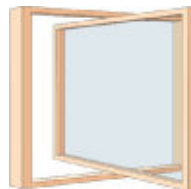
sliding folding window

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



horizontal pivoting window

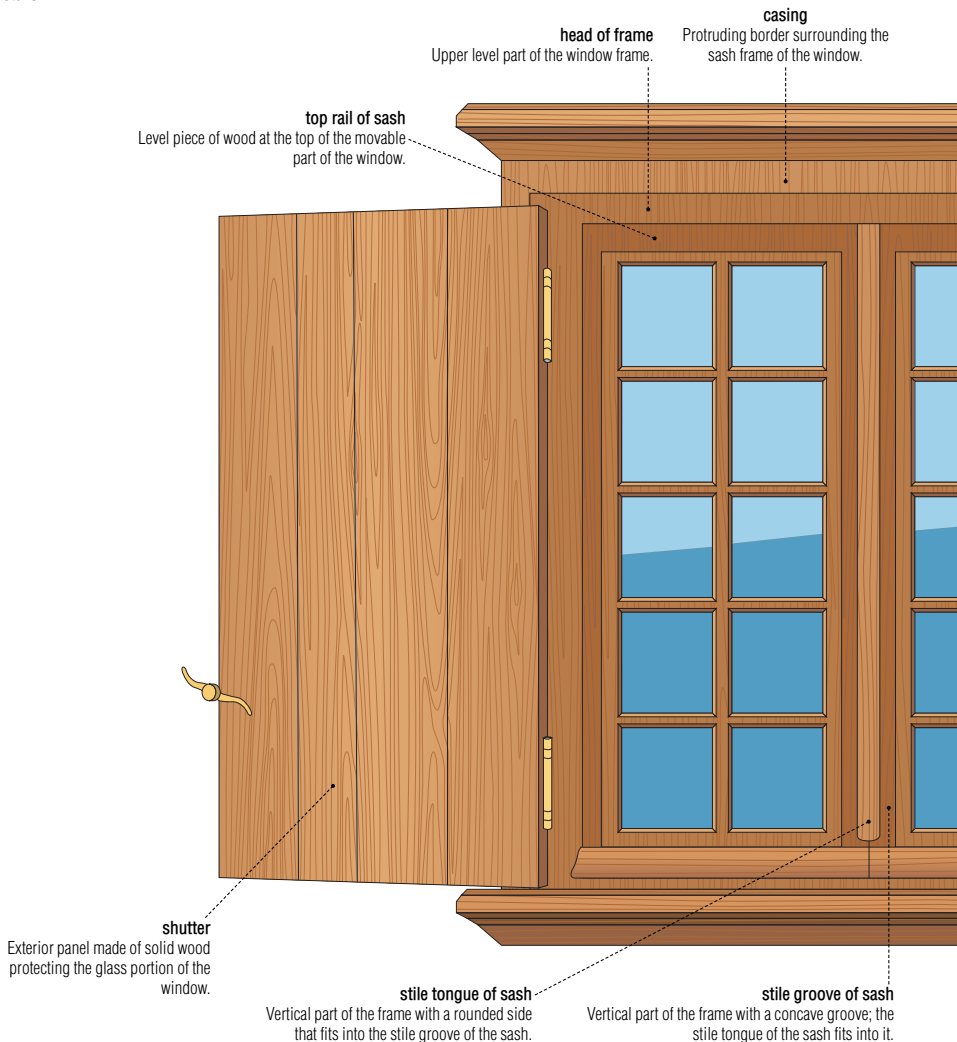
Window whose sash rotates along a horizontal axis located at its midpoint.

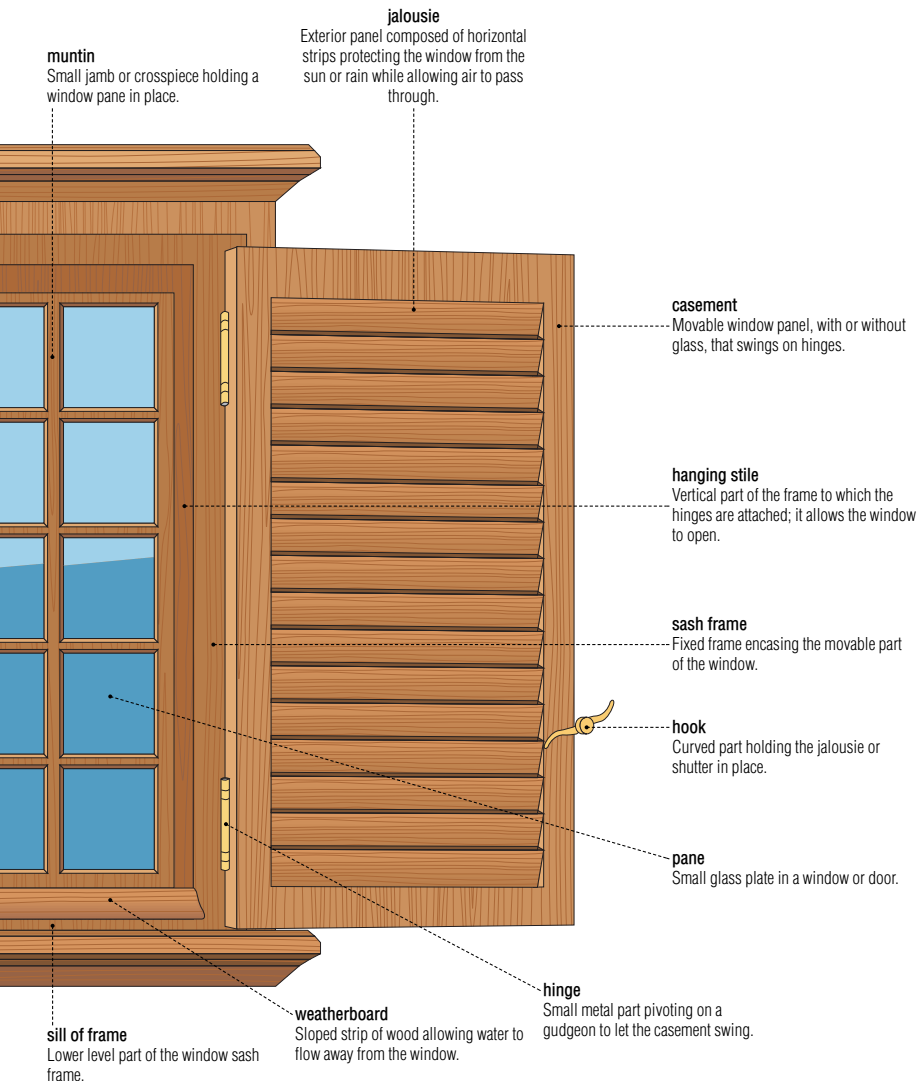


vertical pivoting window

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

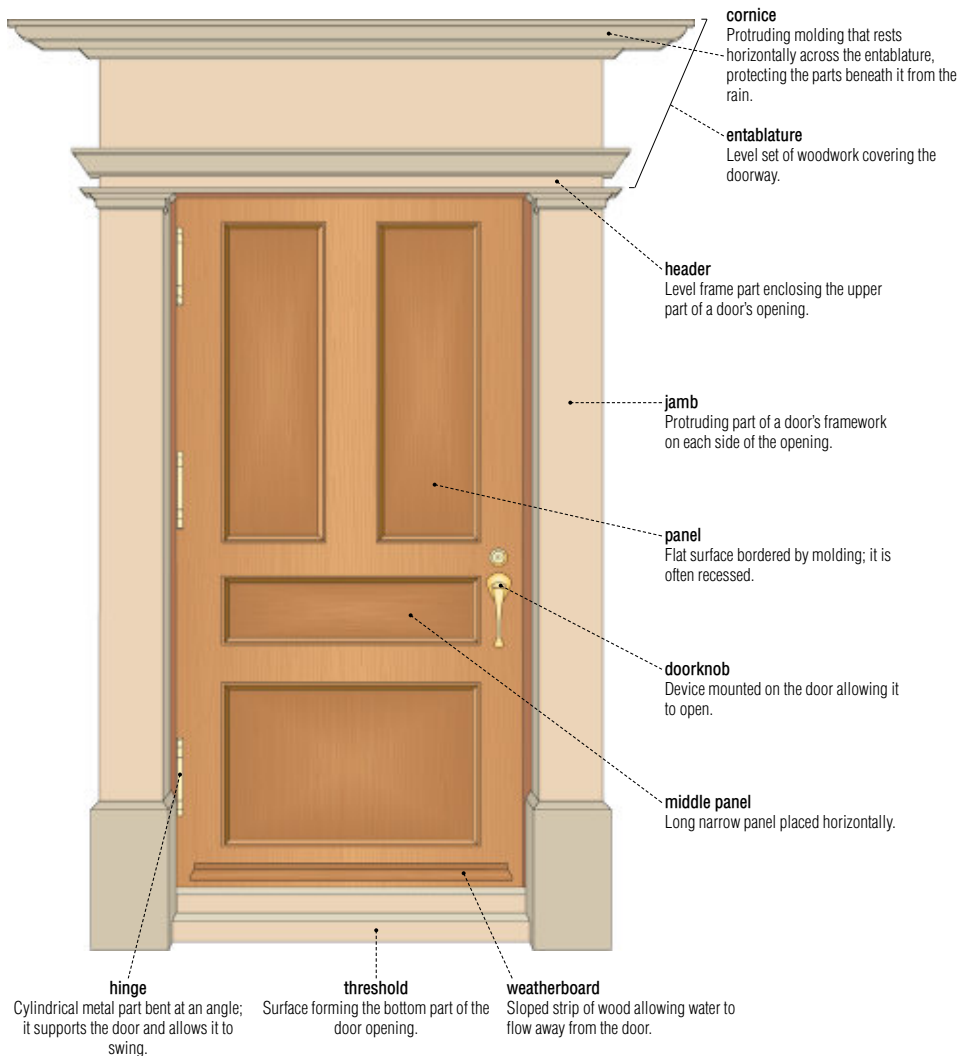
structure





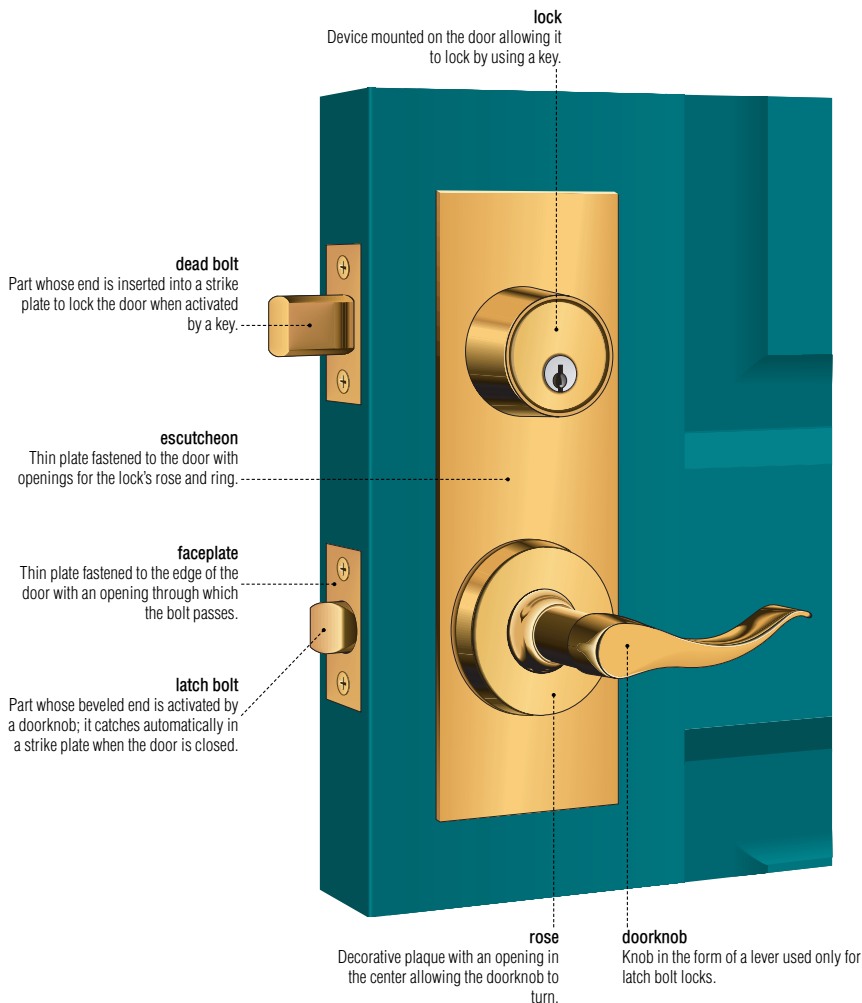
exterior door

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



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

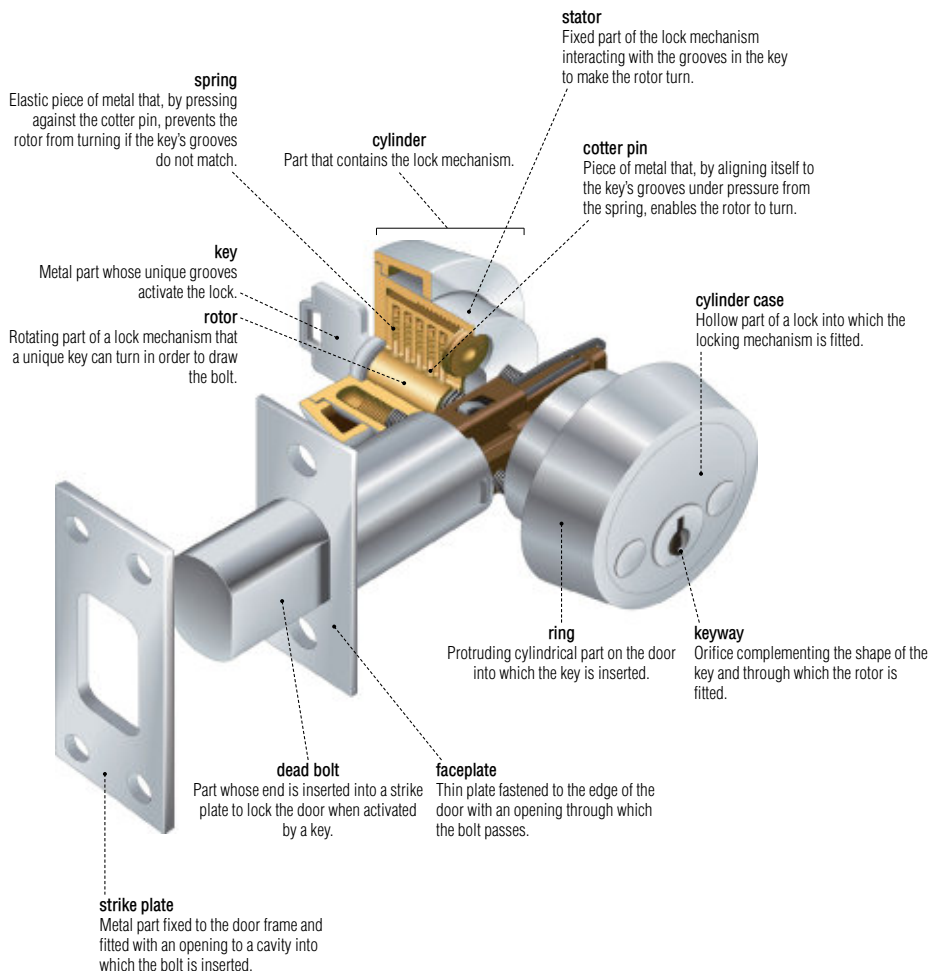
general view



lock

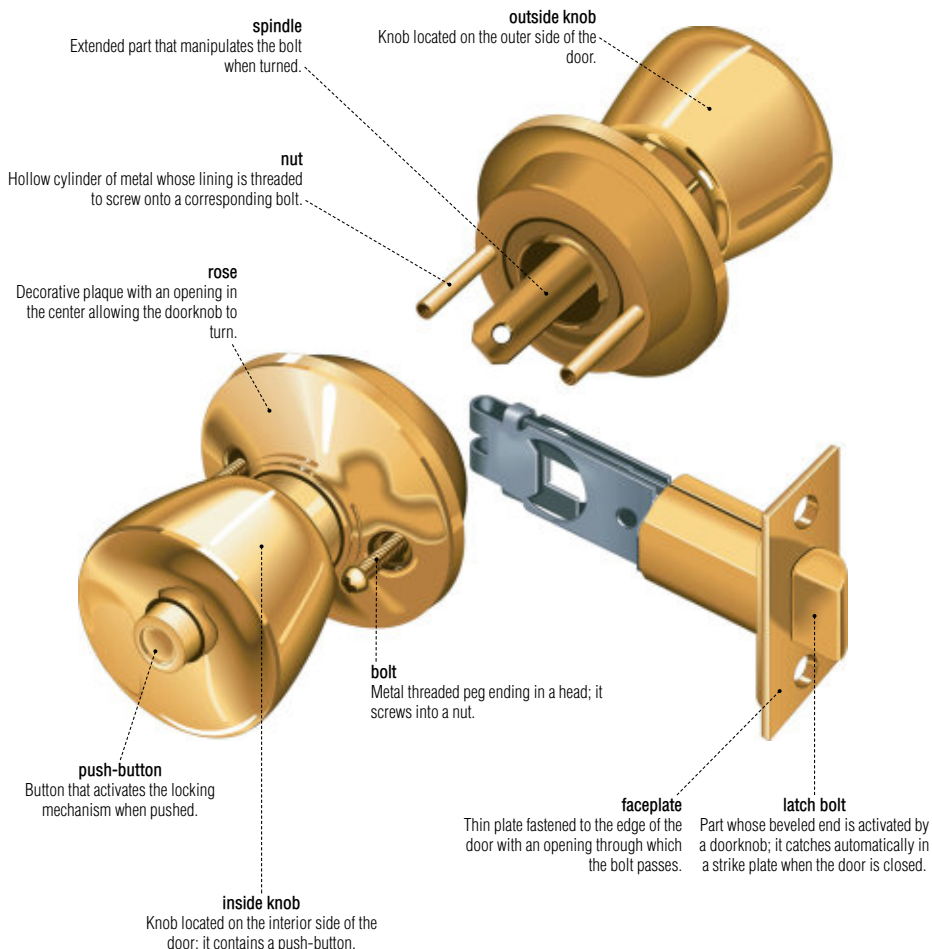
mortise lock

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



tubular lock

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

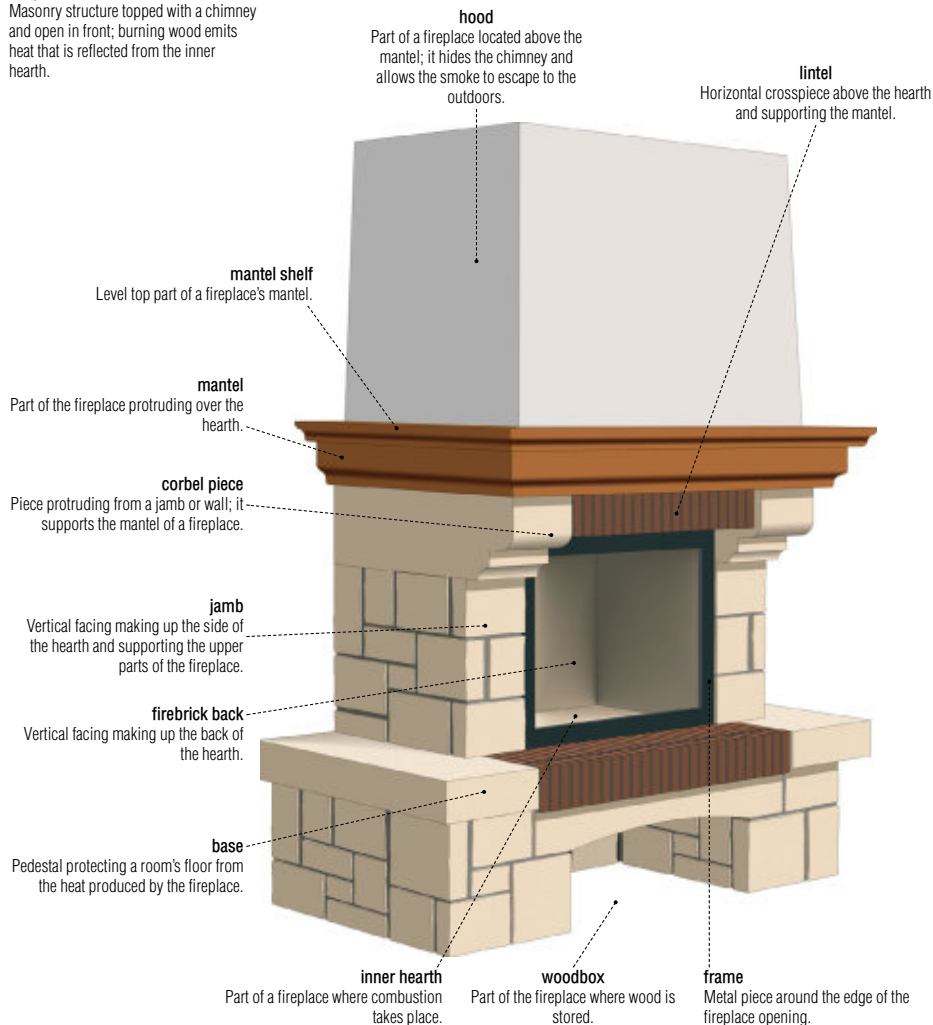


wood firing

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

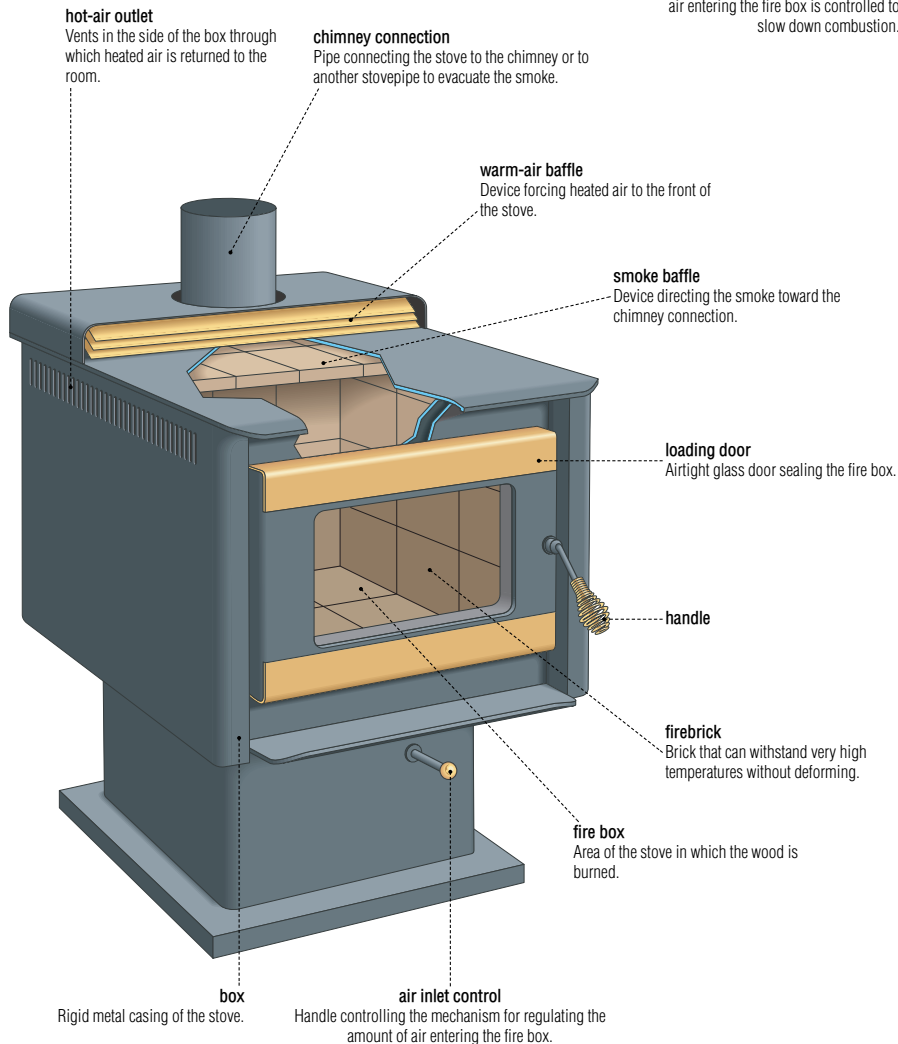
fireplace

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



slow-burning stove

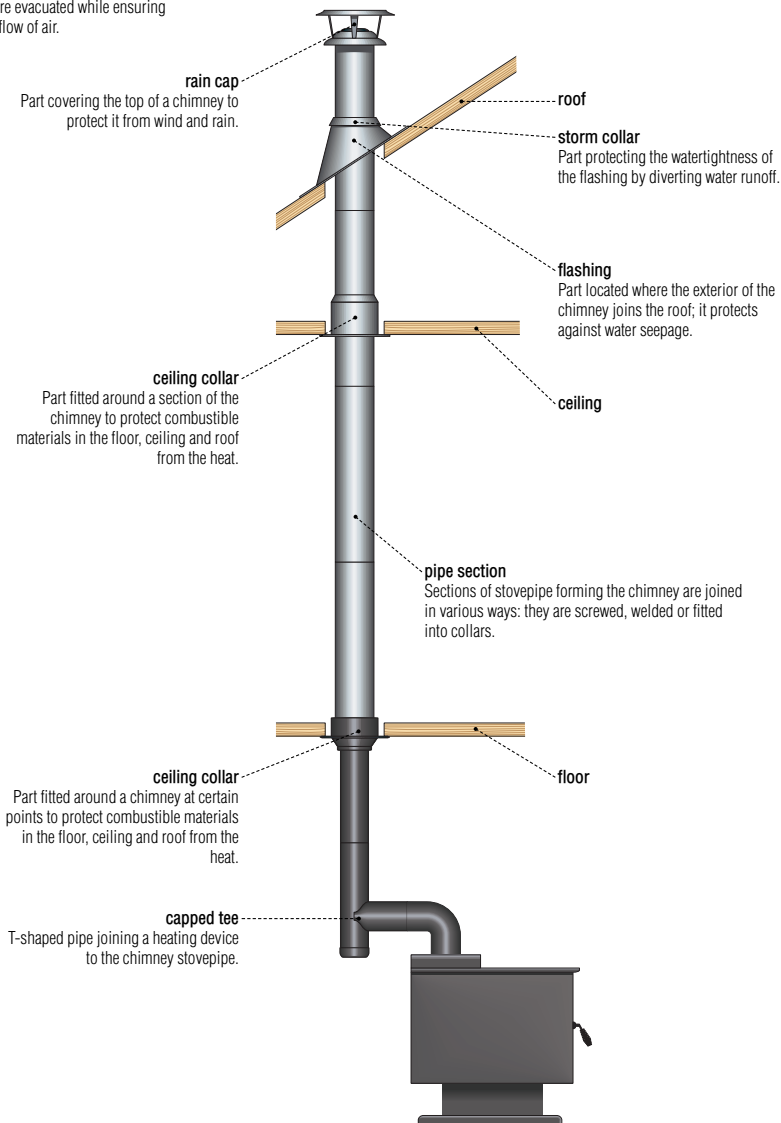
Closed heating device; the amount of air entering the fire box is controlled to slow down combustion.



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**

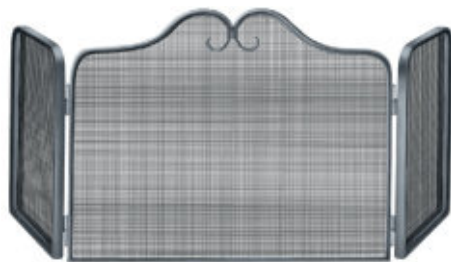
Tool for cleaning the hearth and sweeping the ashes into the shovel.

**log carrier**

Basket for carrying firewood and storing it near the fireplace.

**andirons**

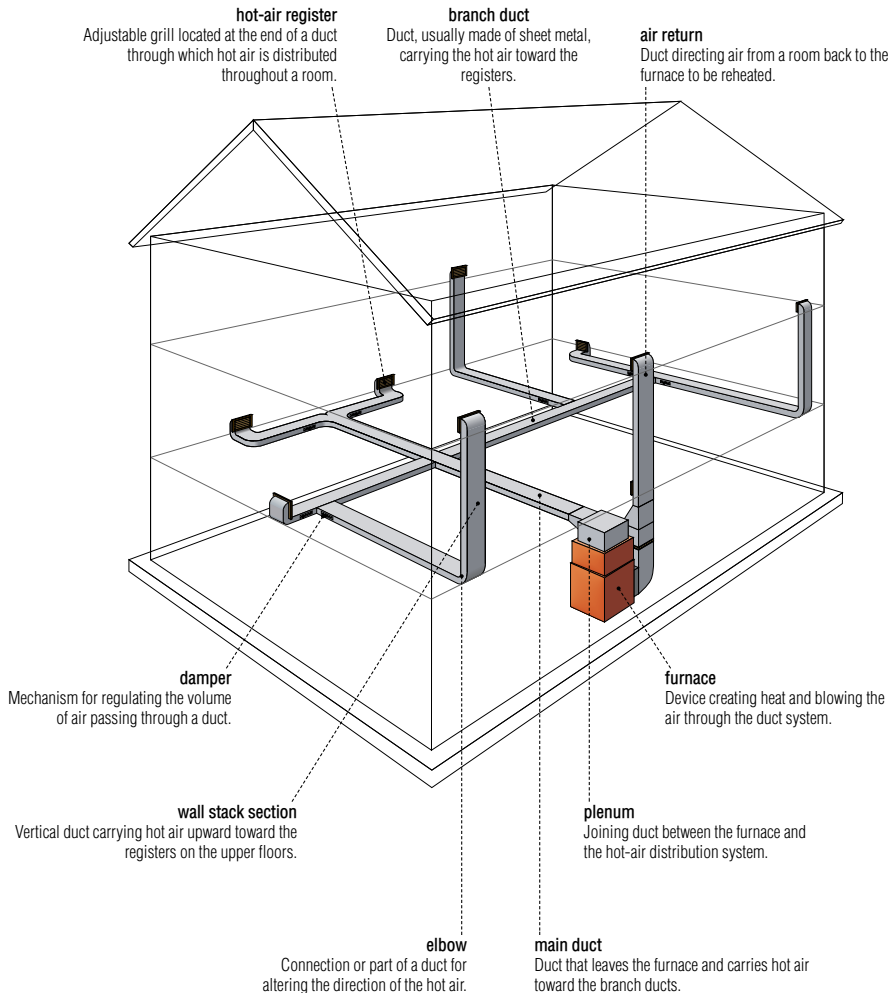
Metal supports placed in the hearth for cradling the logs; they allow air to circulate during combustion.

**fireplace screen**

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

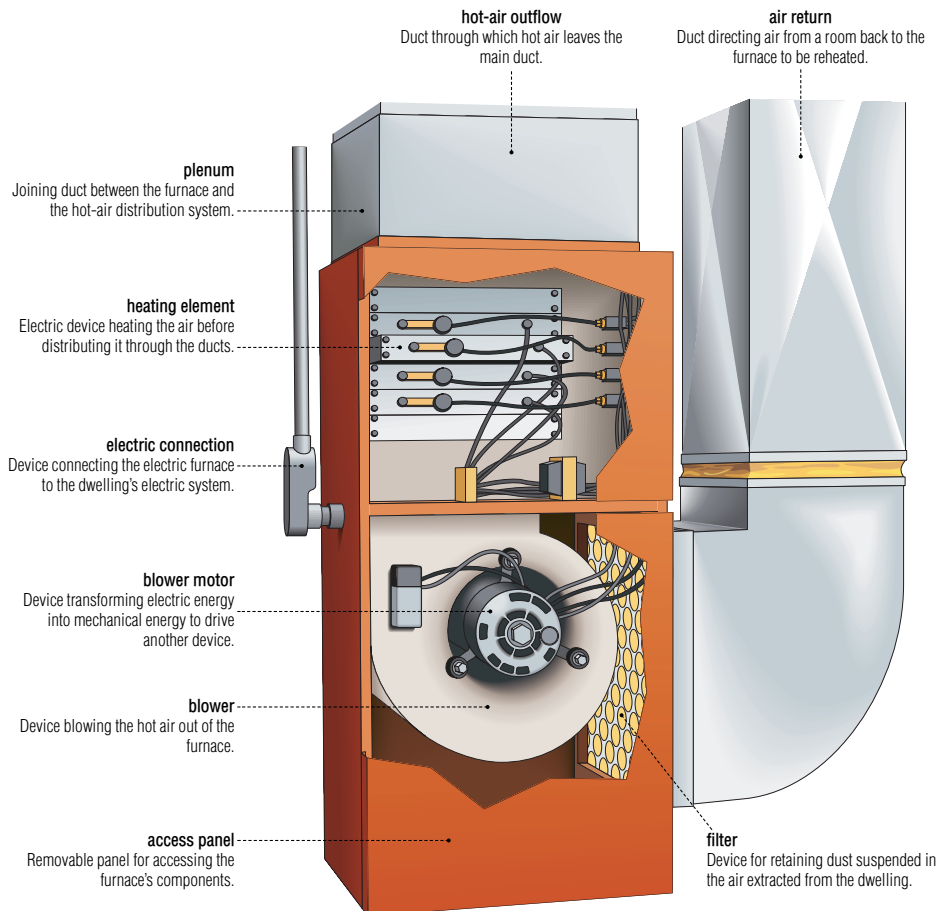
forced warm-air system

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.



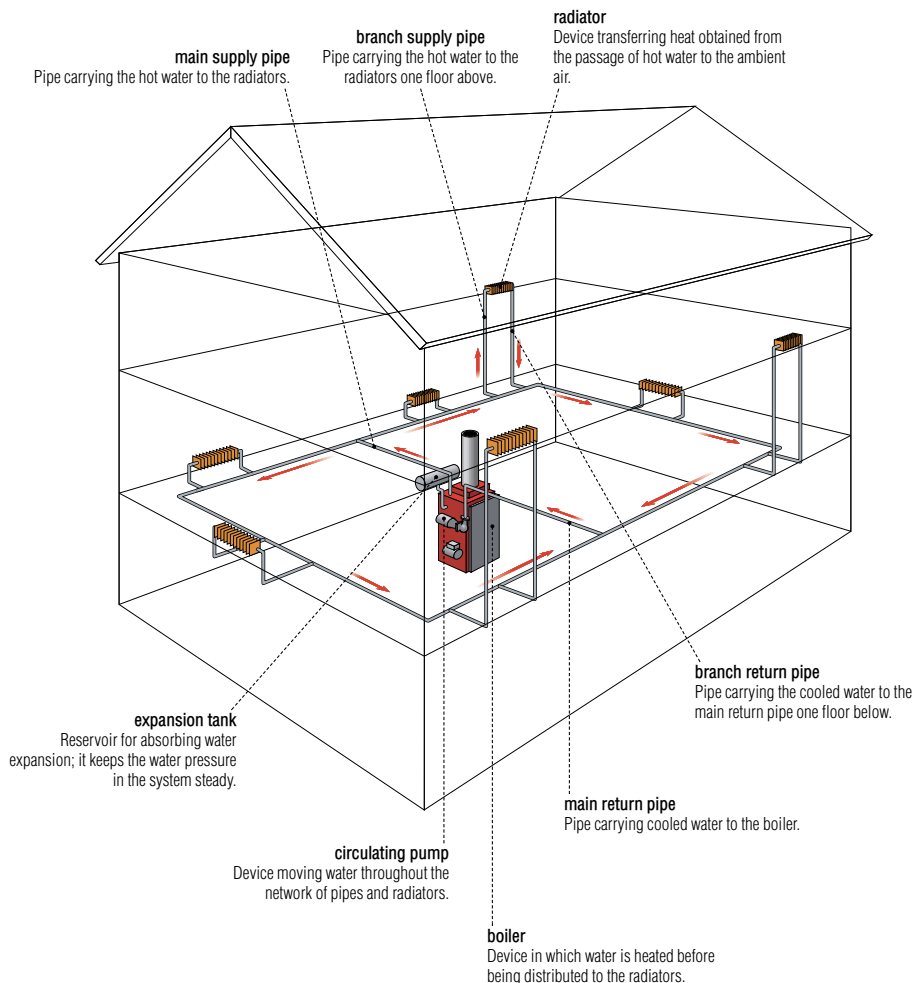
electric furnace

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



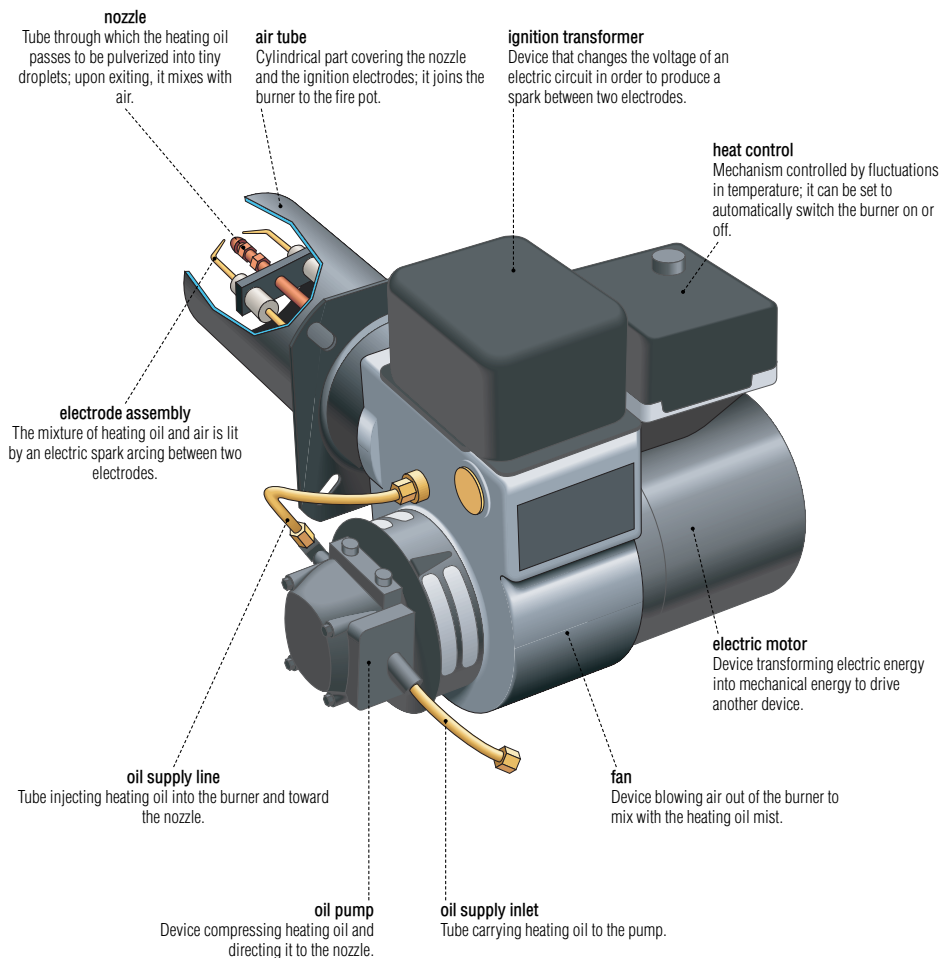
forced hot-water system

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

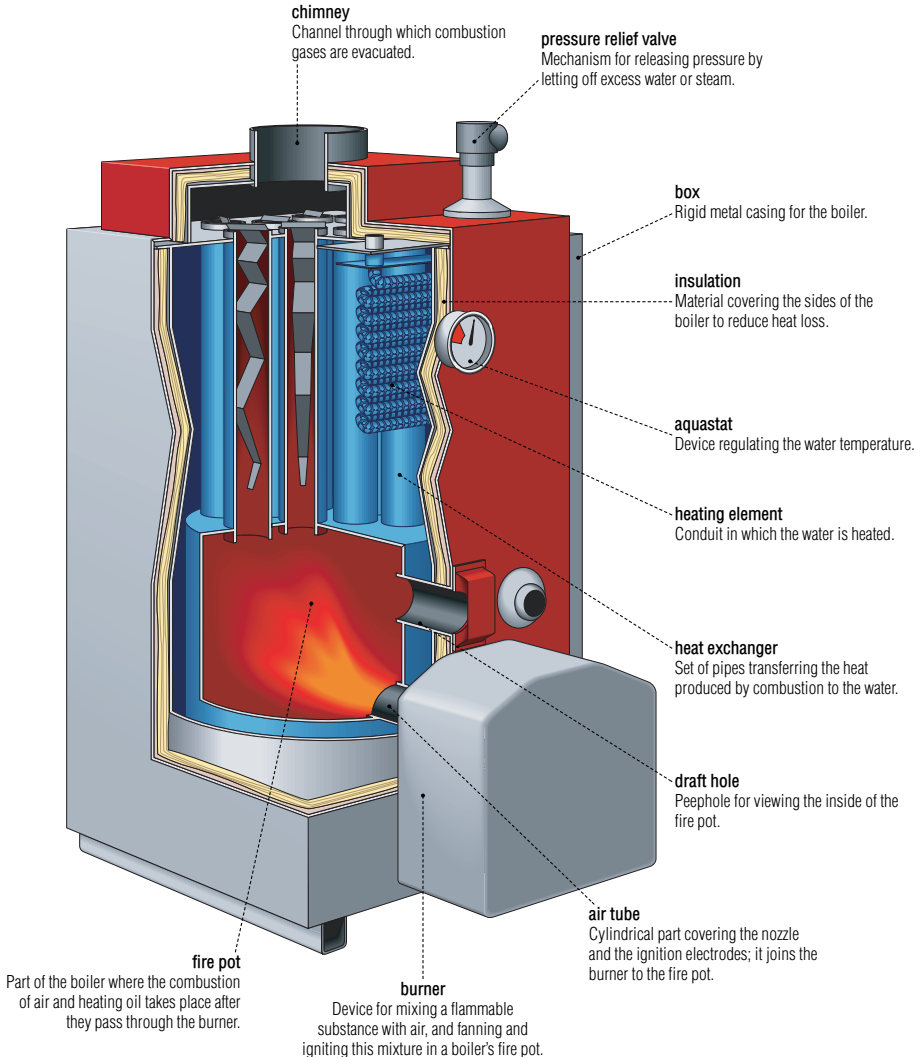
Device for mixing a flammable substance (heating oil) with air, then blowing and igniting this mixture in a boiler's fire pot.



forced hot-water system

boiler

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



column radiator

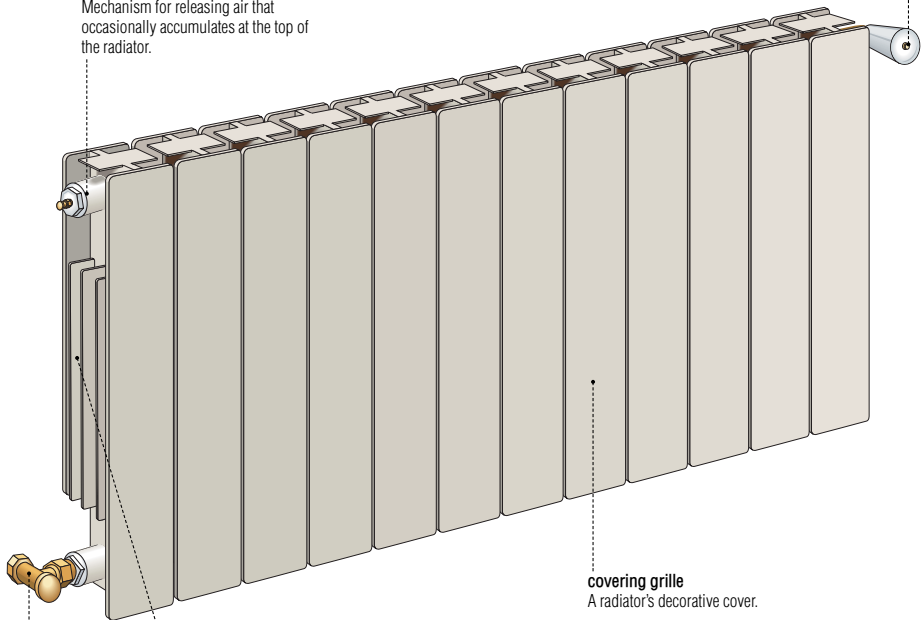
Device consisting of vertical columns through which hot water circulates; the inherent heat is transferred to the ambient air.

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

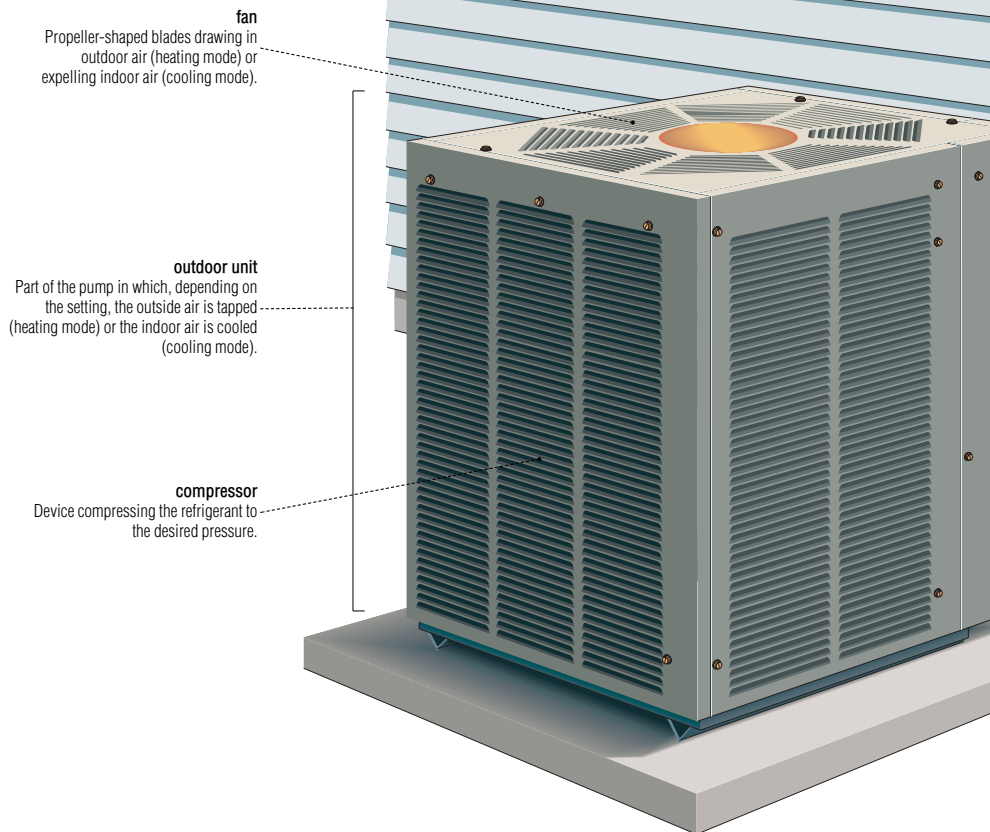
A radiator's decorative cover.

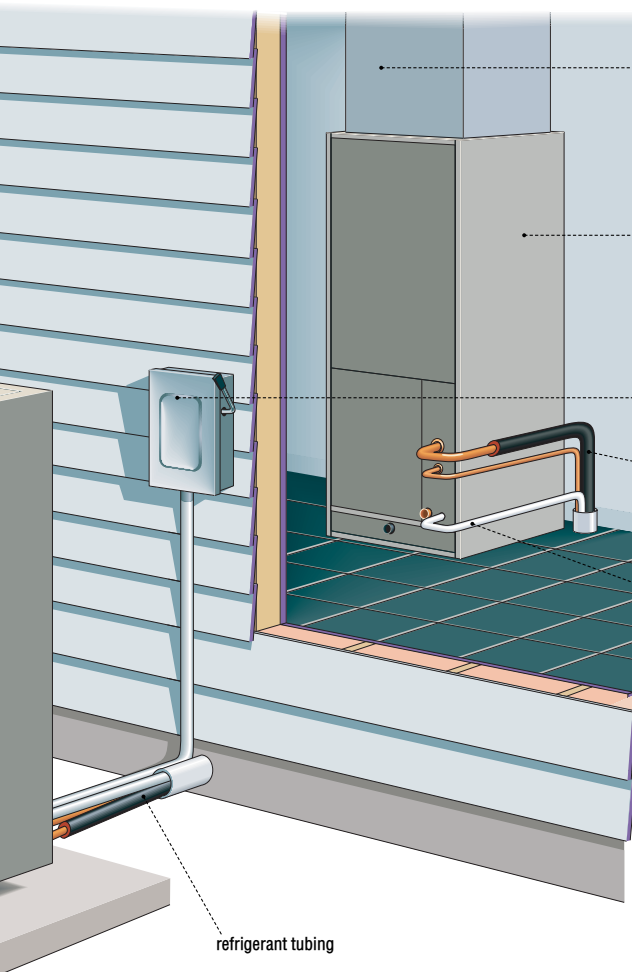
hot-water outlet

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

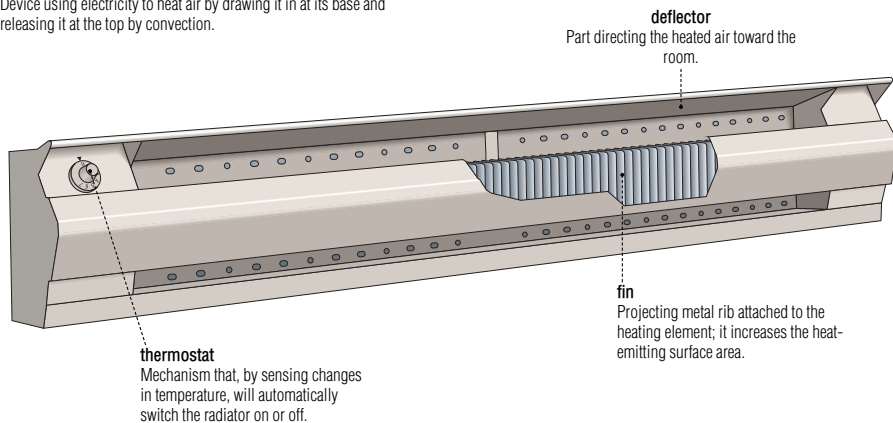
Conduit connecting the heat pump to the dwelling's electric system.

refrigerant tubing

auxiliary heating

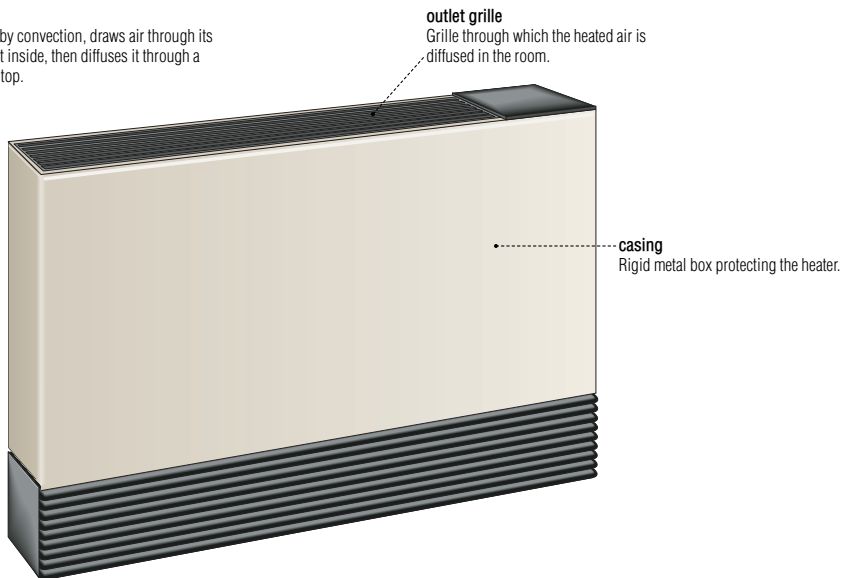
electric baseboard radiator

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



convector

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

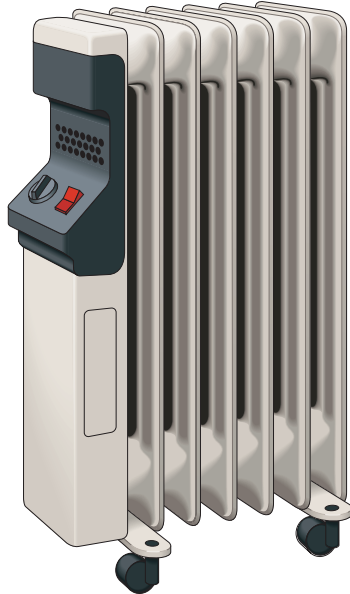


**fan heater**

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

**radiant heater**

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

**oil-filled heater**

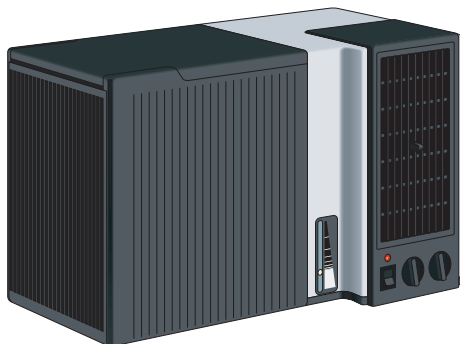
Device made of tubes that circulate oil heated by electric elements.

air-conditioning appliances

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

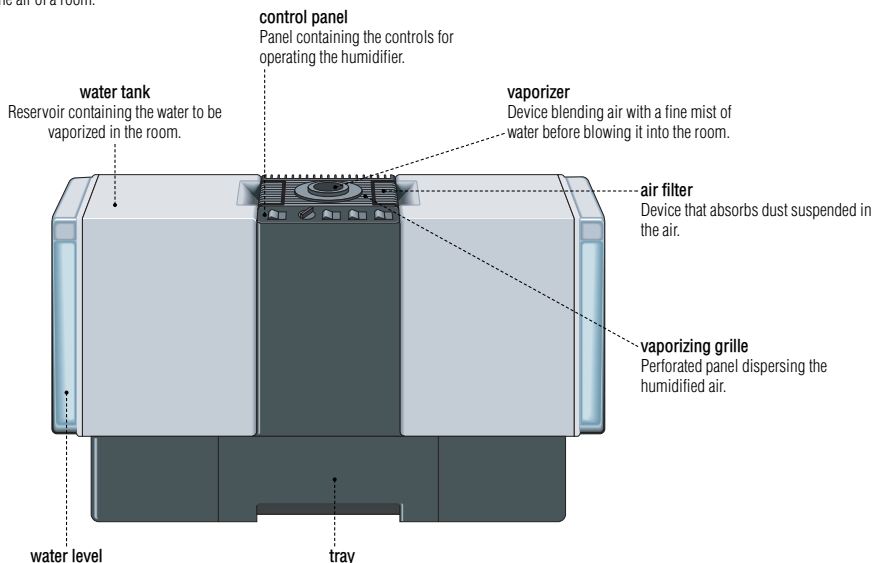
air purifier

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



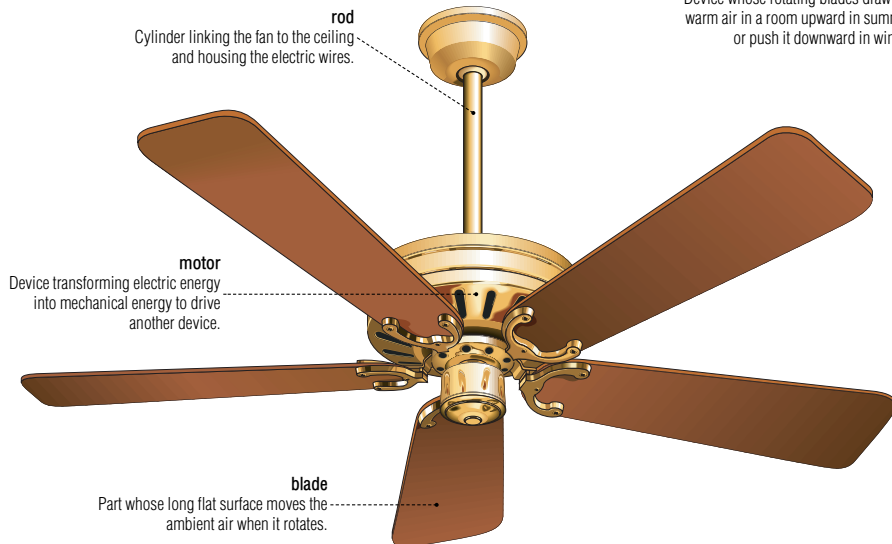
humidifier

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



ceiling fan

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



dehumidifier

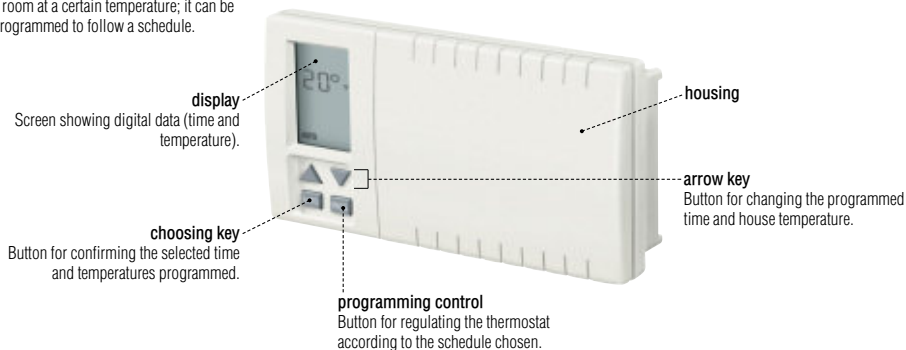
Device that lowers the humidity level in a room's air by cooling it.



air-conditioning appliances

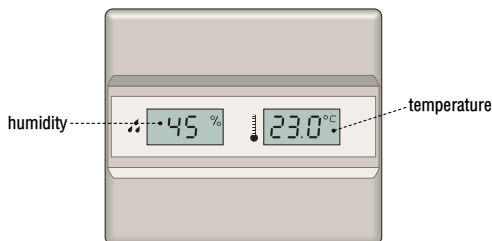
programmable thermostat

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



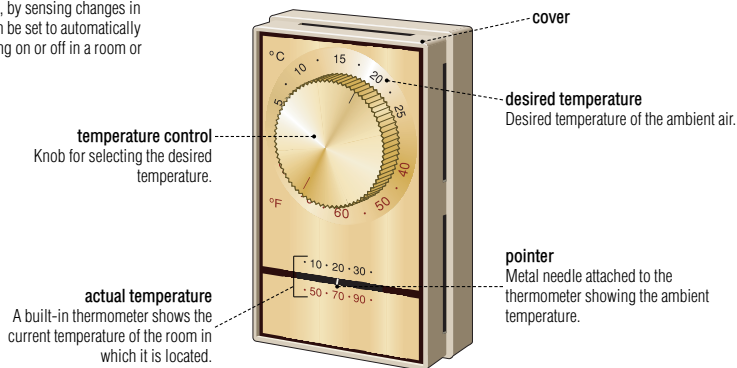
hygrometer

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



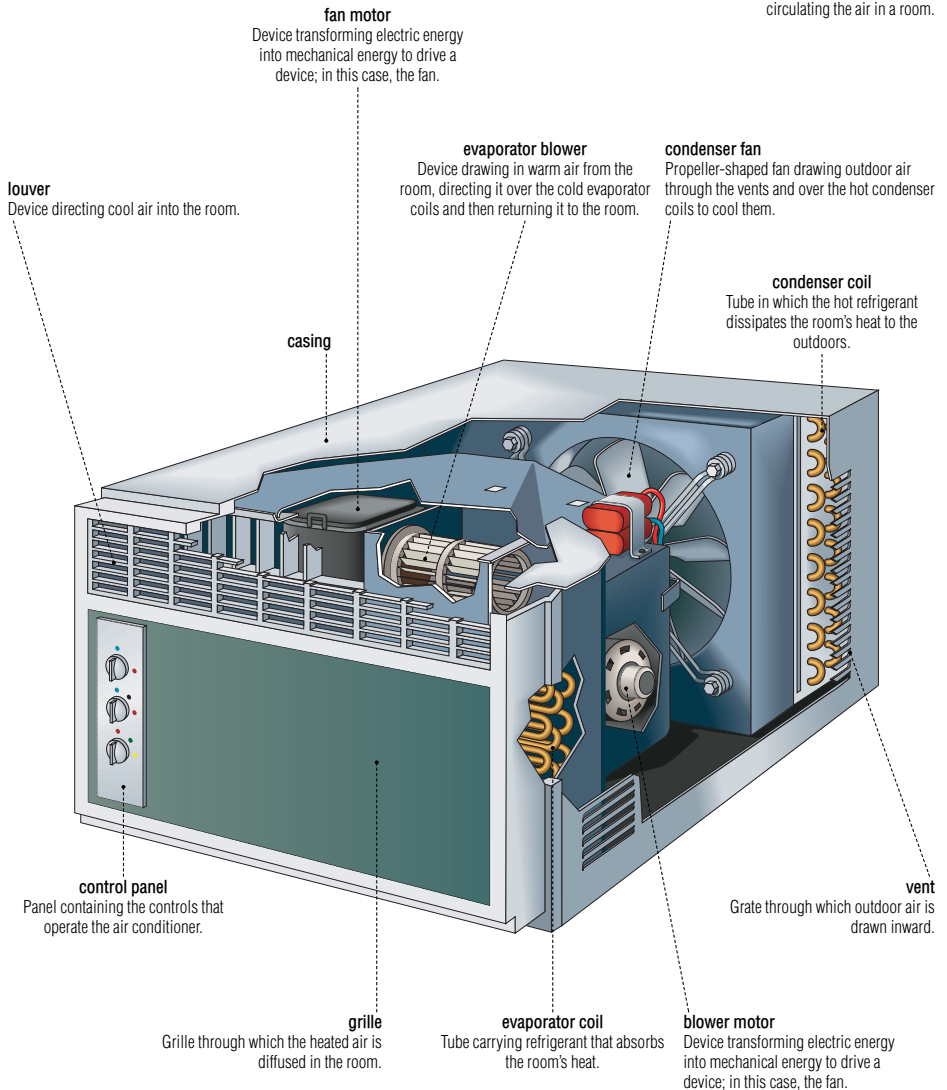
room thermostat

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



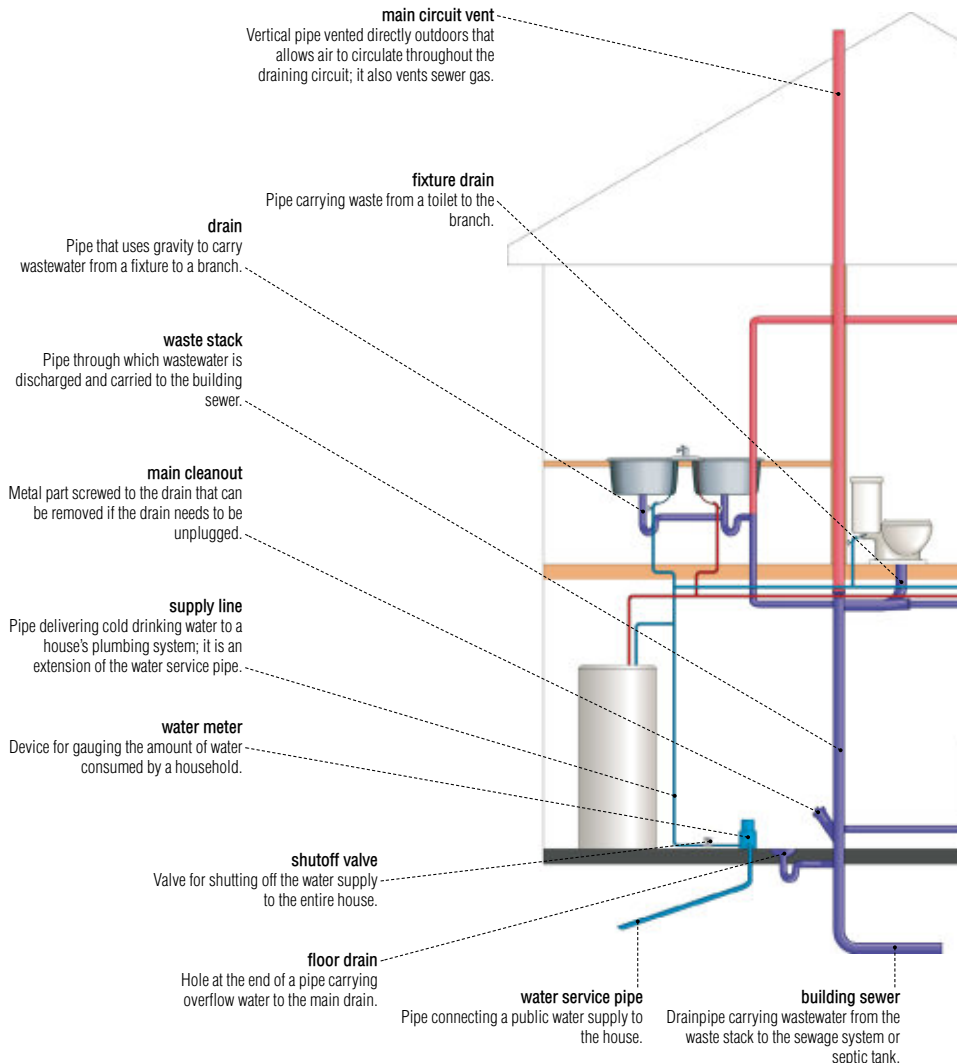
room air conditioner

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



plumbing system

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



circuit vent

Allows air to circulate and maintains constant pressure throughout the entire draining circuit.

shower and tub fixture

Device for mixing hot and cold water for the bath or shower.

overflow

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

trap

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

branch

Pipe draining wastewater from the fixtures to the waste stack.

hot-water riser

Vertical pipe carrying hot water to a house's upper floors.

cold-water riser

Vertical pipe carrying cold water to a house's upper floors.

draining circuit

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

hot-water circuit

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

ventilating circuit

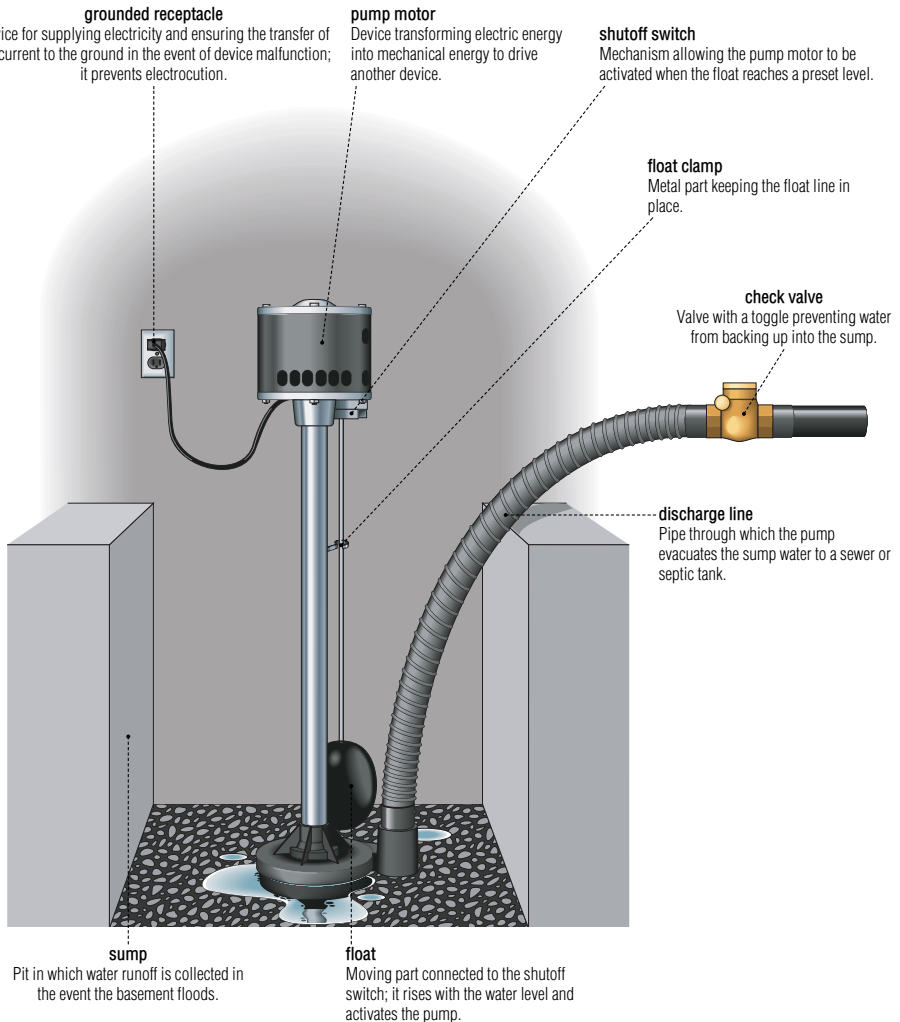
Set of interconnected pipes allowing air to circulate in the circuit.

cold-water circuit

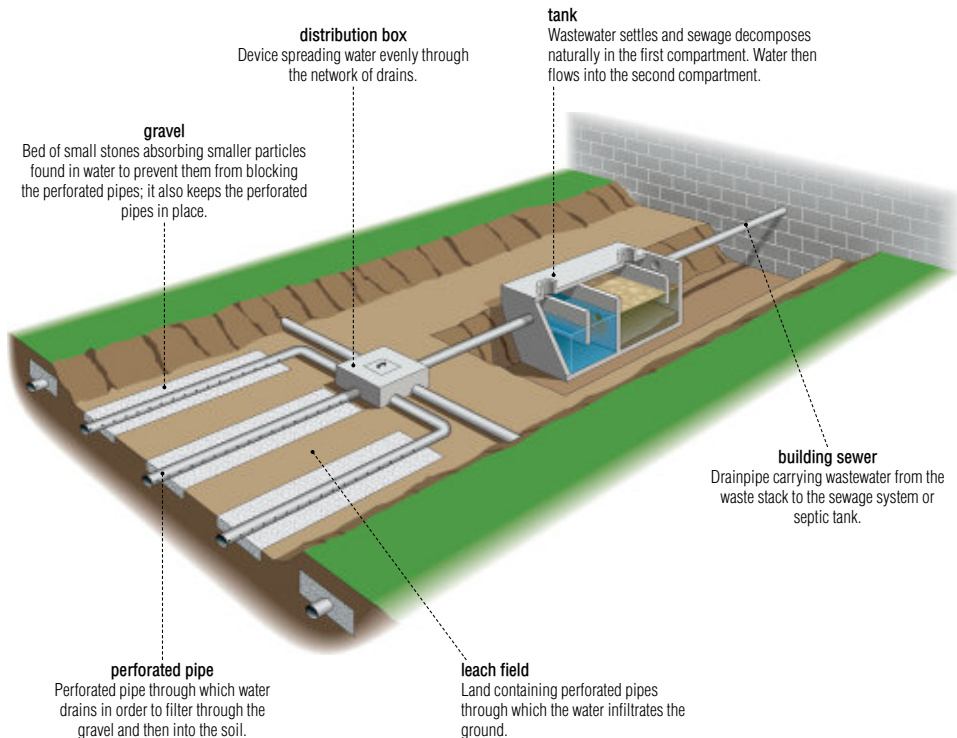
Set of interconnected pipes distributing cold drinking water throughout a house.

pedestal-type sump pump

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



Underground system in which sewage is treated and dispersed.



bathroom

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

shower head
Perforated device through which water flows under pressure.

spray hose
Flexible pipe allowing the shower head to be moved.

shower stall
Enclosed space in which a sanitary facility allows one to wash one's body under a spray of water.

sliding door
Panel or panels of a door sliding horizontally along a set of tracks.

bidet
Low sanitary fixture shaped like a toilet bowl and used for bathing private parts.

tissue holder

toilet tank
Reservoir storing water used to flush the contents of a toilet bowl.

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.



**faucet**

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

mirror

Polished glass surface reflecting light and returning images.

sink

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

overflow

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

soap dish**towel bar****portable shower head**

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

bathtub

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

vanity cabinet

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

flush handle
Mechanism that one lowers in order to flush out the contents of the toilet; it activates the trip lever.

trip lever

Mechanism that, when activated by the flush handle, pulls up the lift chain, letting the water flow from the tank into the toilet bowl.

ball-cock supply valve

Mechanism allowing or stopping the flow of water into the tank; it is activated by the float ball.

overflow tube

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

filler tube

Pipe carrying water from the cold-water supply line to the toilet tank.

tank ball

Plug that, when raised by the lift chain, lets the water in the tank flow into the toilet bowl; it then sinks, allowing the tank to refill.

lift chain

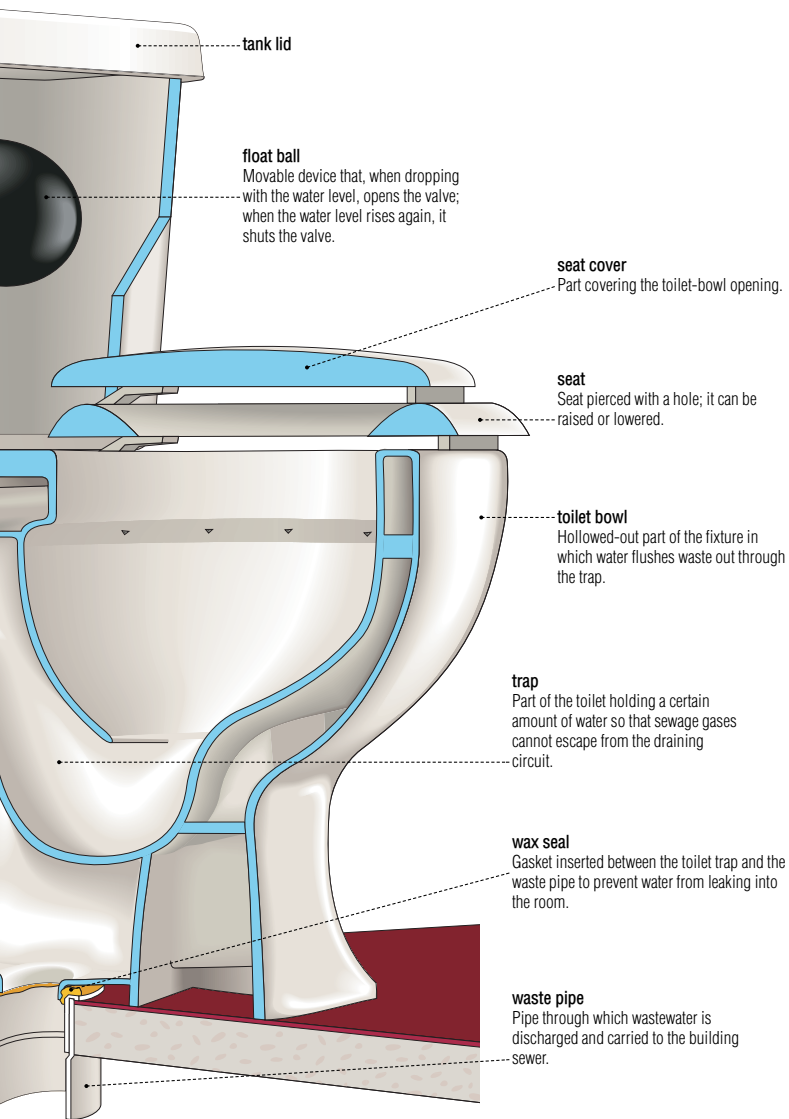
Connector composed of a series of metal links that, when pulled up by the trip lever, opens the tank ball.

cold-water supply line

Pipe carrying water to the toilet.

shutoff valve

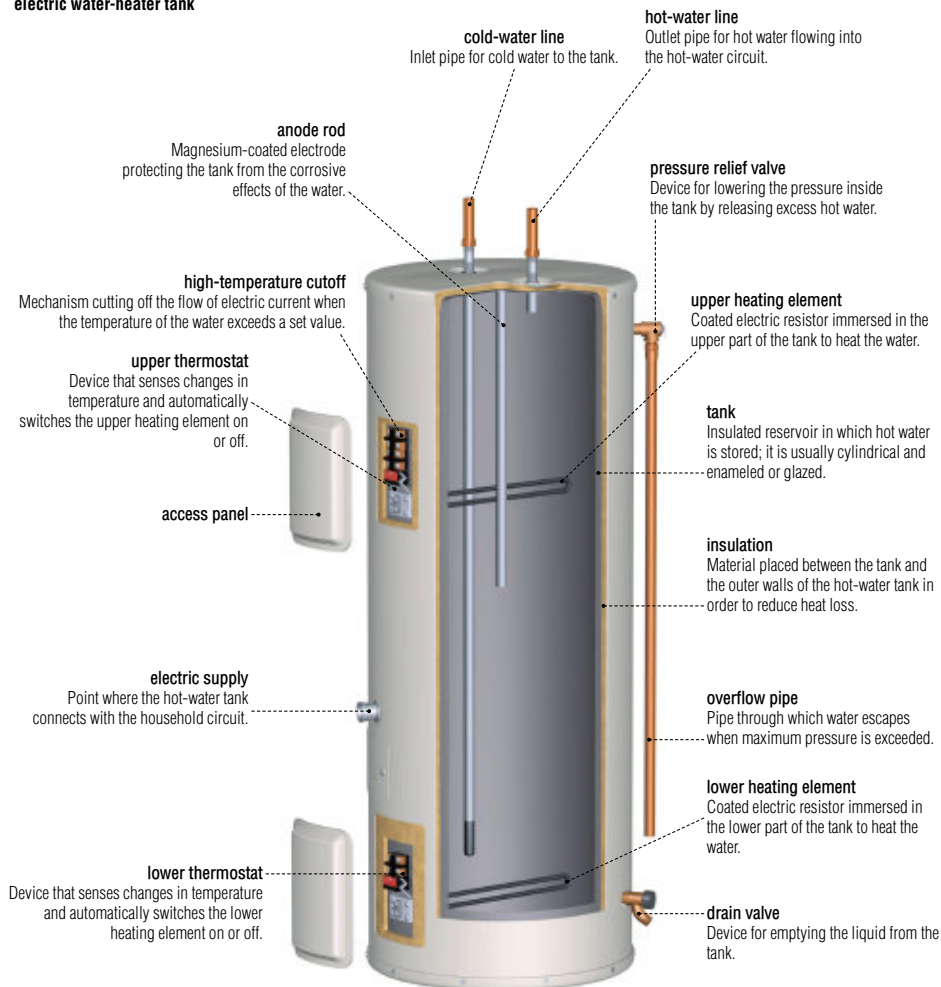
Device for shutting off the supply of water to the toilet.



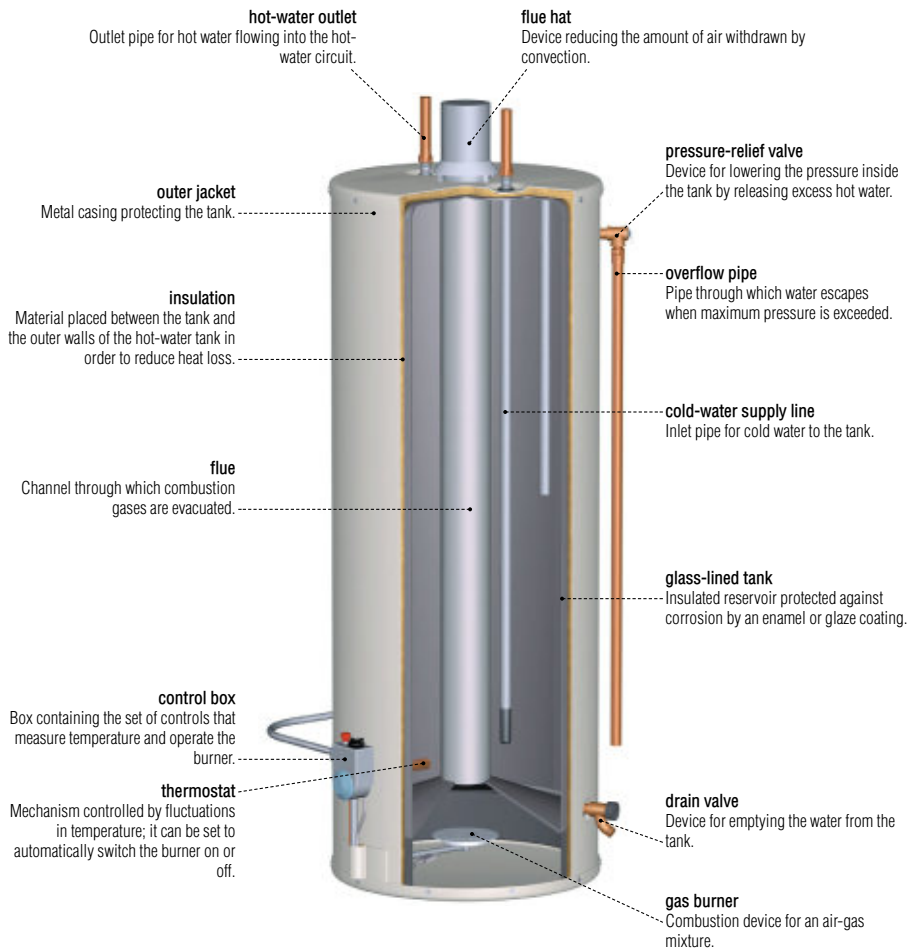
water-heater tank

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

electric water-heater tank



gas water-heater tank

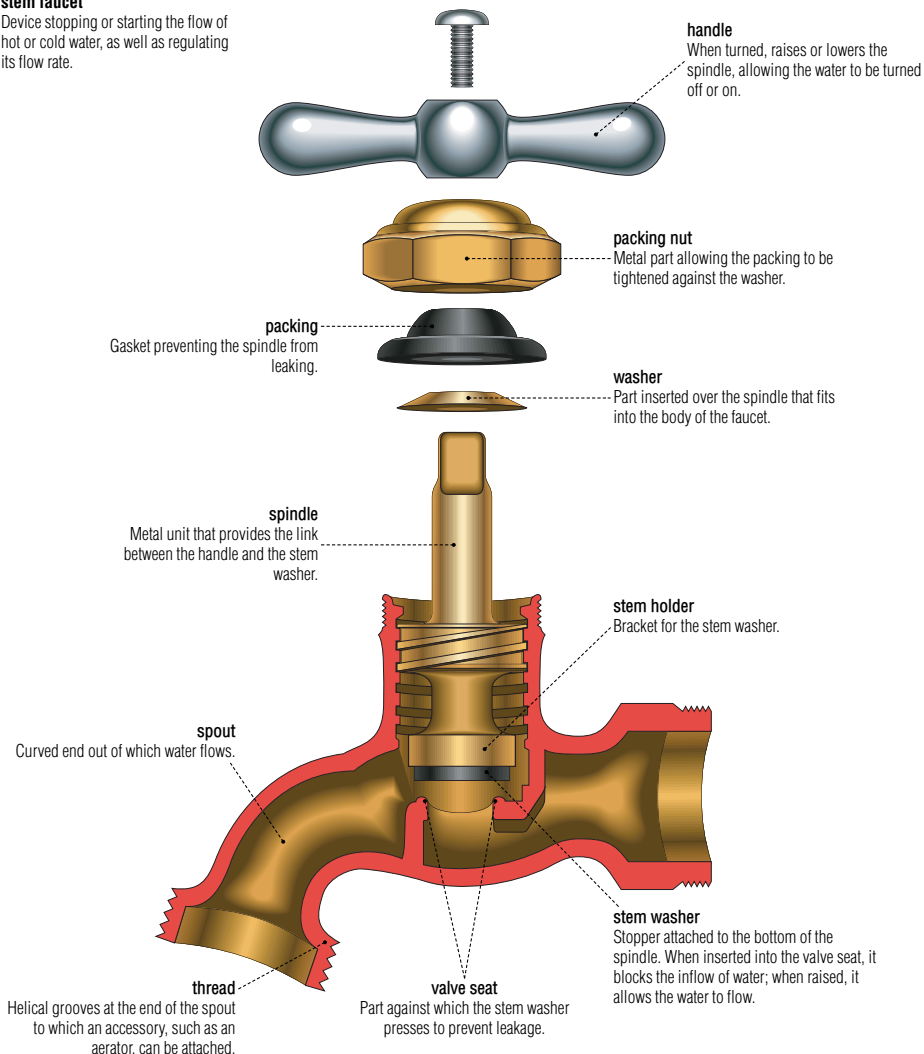


faucets

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

stem faucet

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



disc faucet

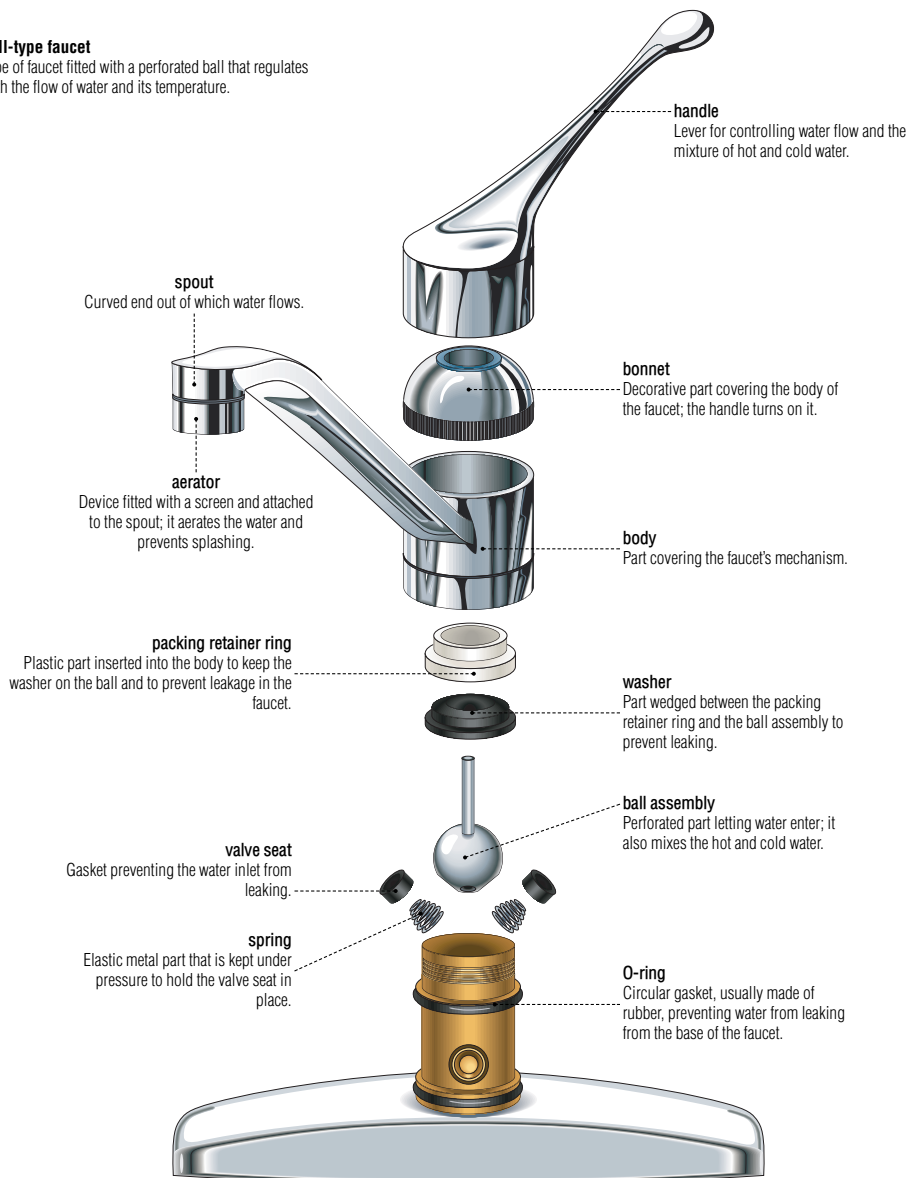
Type of faucet fitted with two perforated discs that regulate the water's flow and its temperature.



faucets

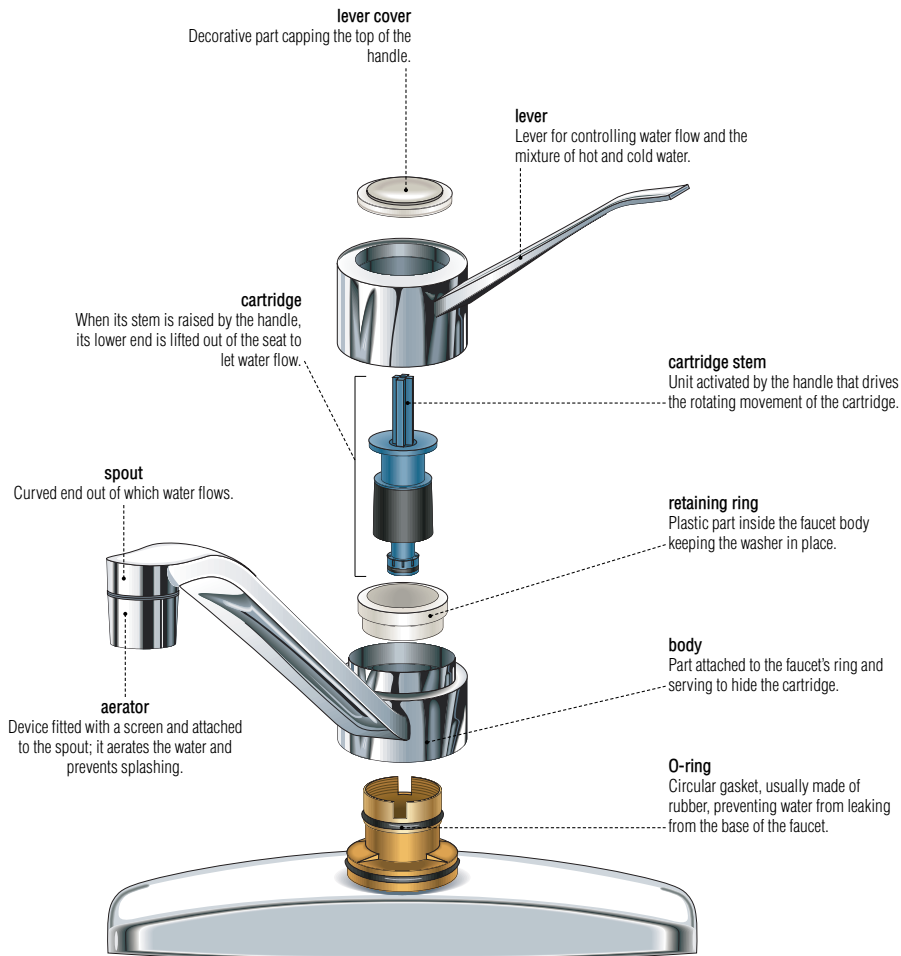
ball-type faucet

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



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.



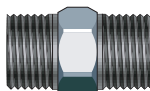
reducing coupling

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.

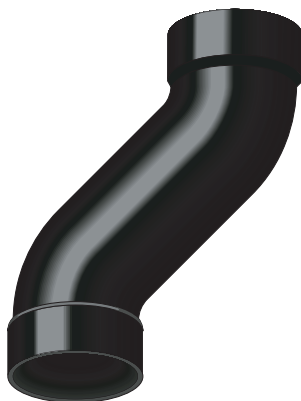


hexagon bushing

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**

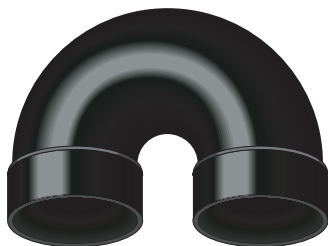
Fitting joining two pipes so that the pipe can bypass an obstacle.

**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°.

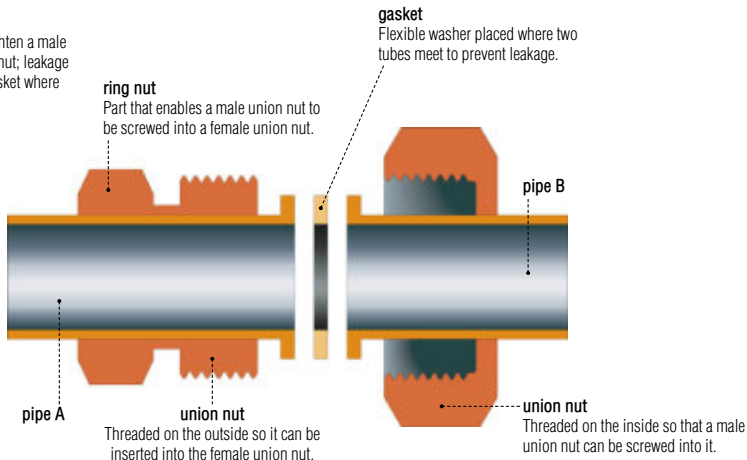
fittings

mechanical connectors

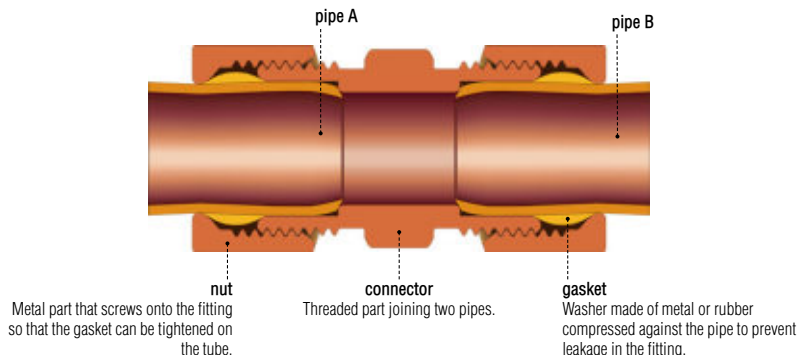
Pipes joined using nuts and threaded metal parts; a gasket is inserted to tighten them, thus preventing leakage.

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.

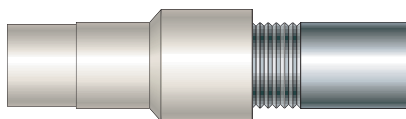
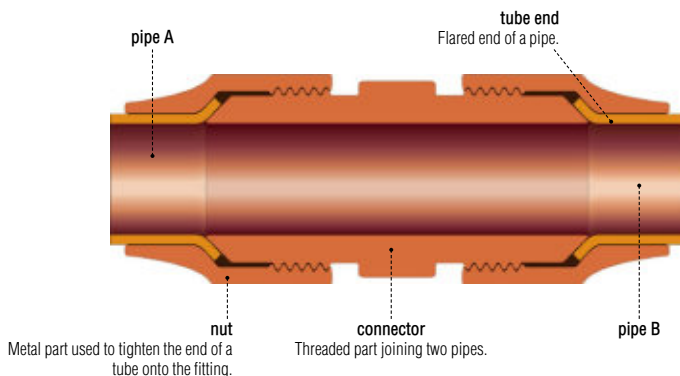
**compression fitting**

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

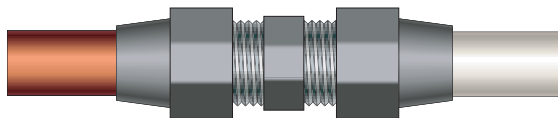


flare joint

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

**steel to plastic**

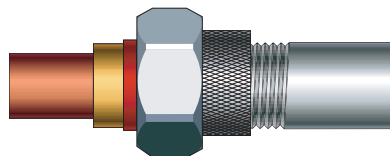
The tubes are joined by a threaded tube for the steel end, and by compression coupling or, for a plastic end, by gluing.

**copper to plastic**

The tubes are joined by union or compression coupling.

examples of transition fittings

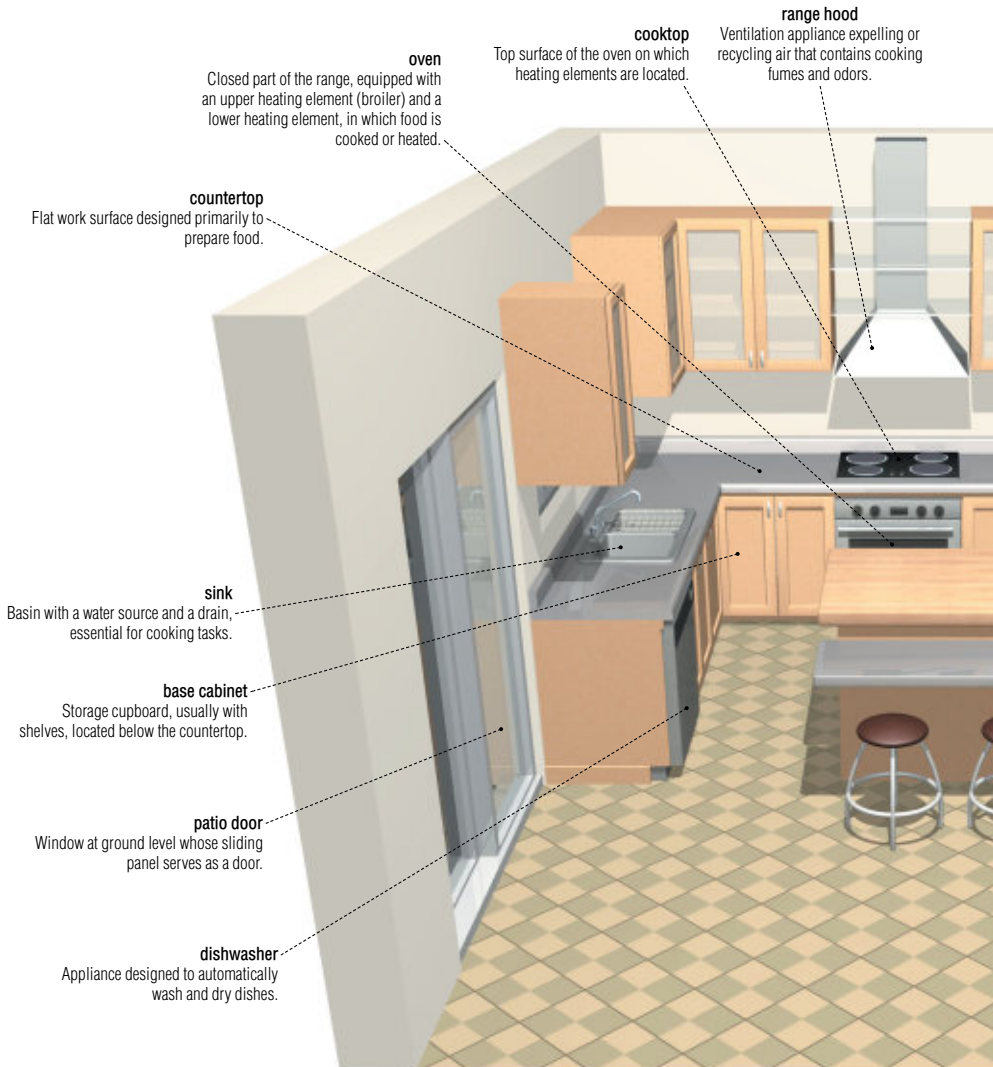
Transition fittings allow tubes of different materials to be joined.

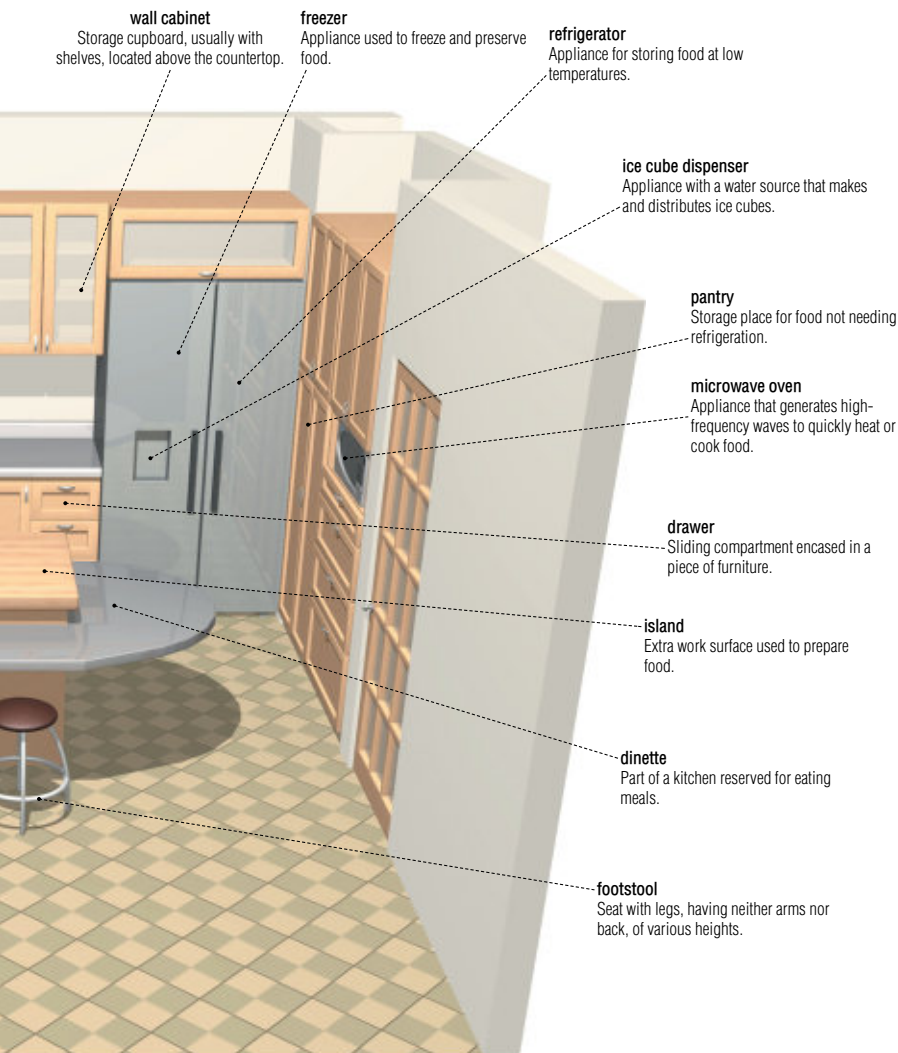
**copper to steel**

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.



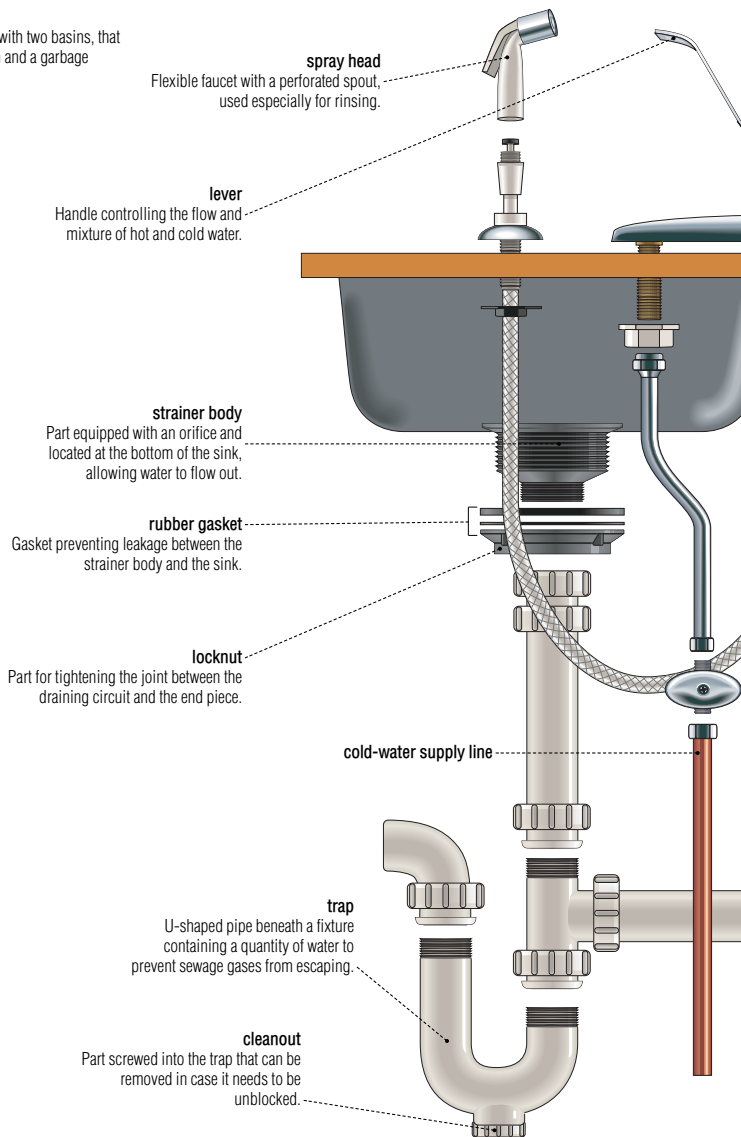


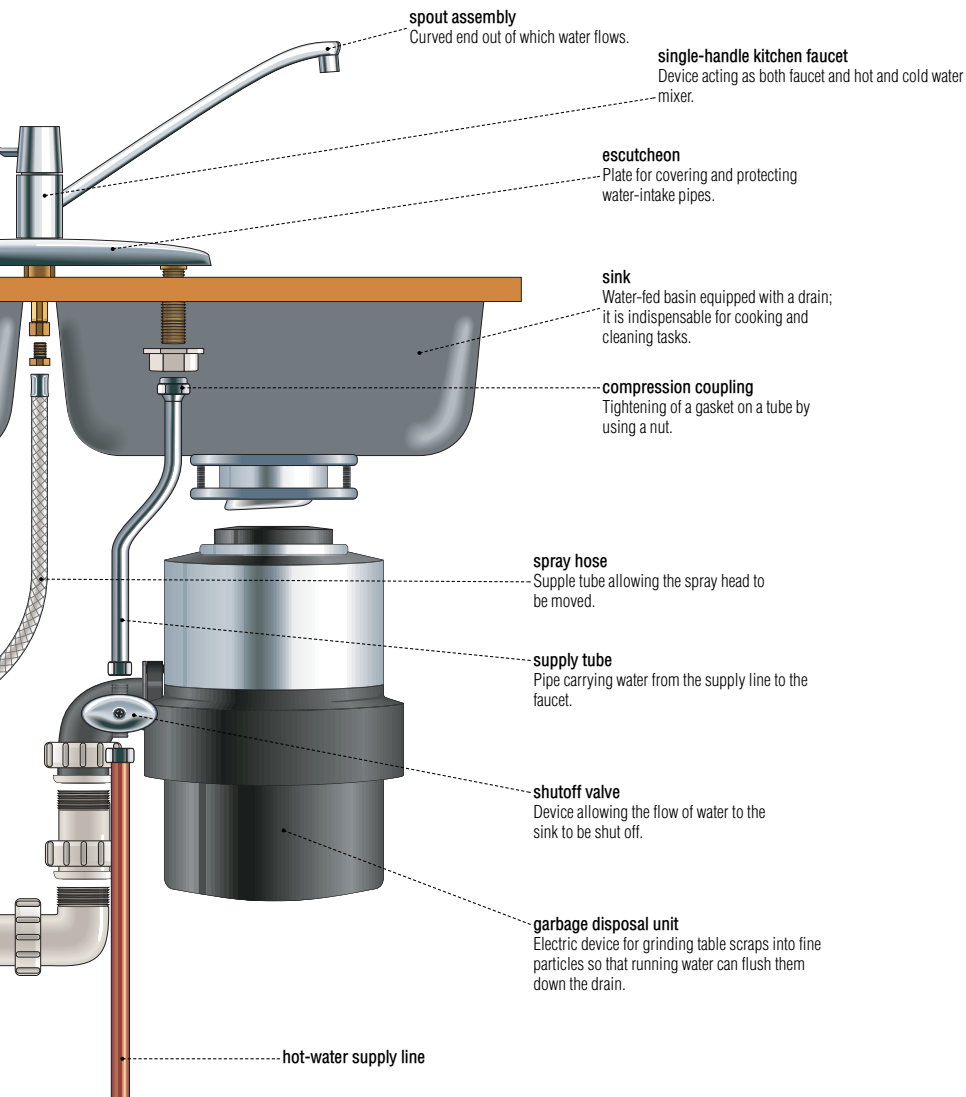
examples of branching

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.

air chamber

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

flexible rubber hose

Supple tube carrying water to the washer.

shutoff valve

Device for shutting off the supply of water to the washer.

tee

Shaped like a T, it joins three pipes, one of which is perpendicular to the other two.

hot-water supply line**cold-water supply line****standpipe**

Pipe through which wastewater is discharged and carried to the building sewer.

washer

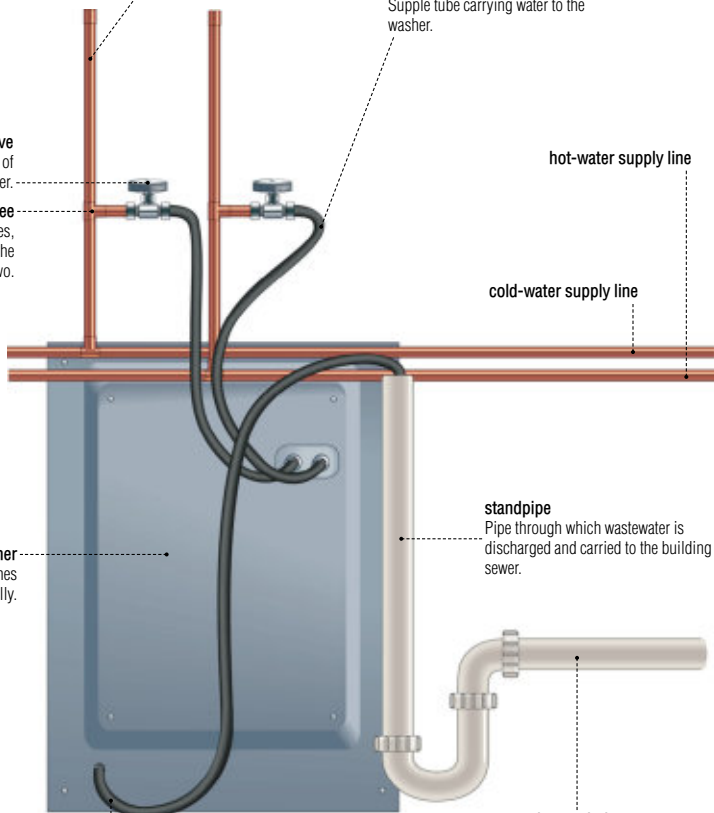
Household appliance that washes clothes automatically.

drain hose

Flexible tube through which the washer pump expels wastewater to the standpipe.

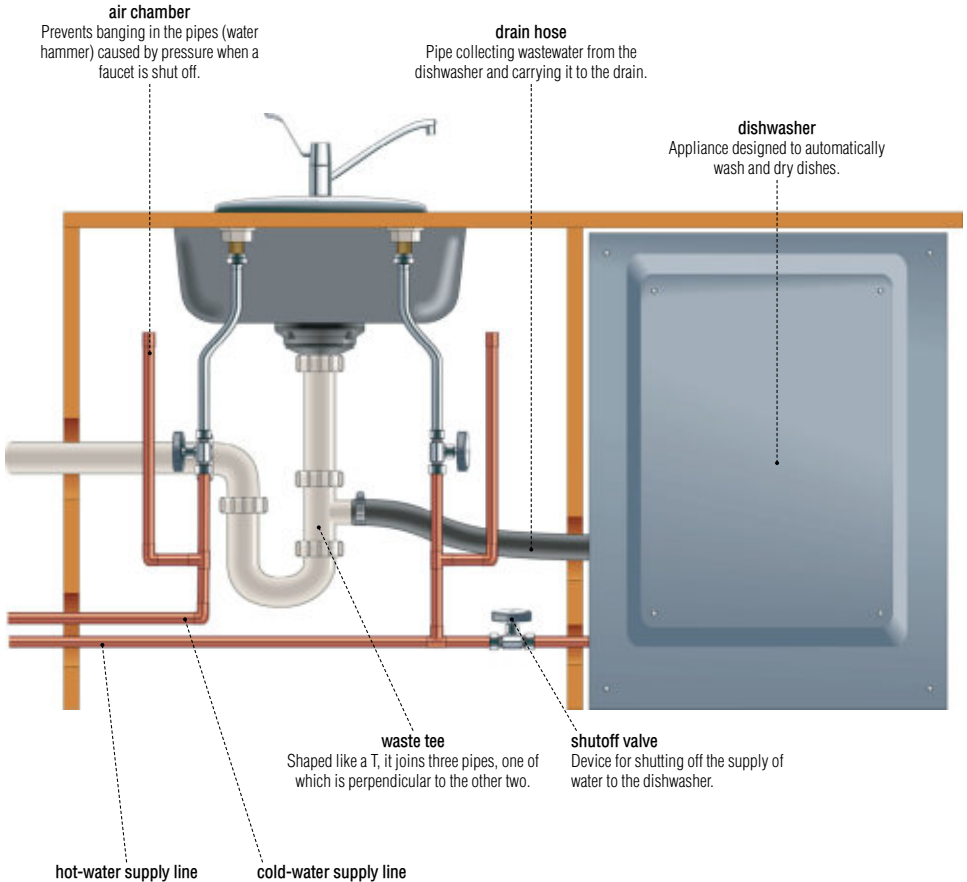
house drain

Pipe using gravity to move the wastewater from the washer to the drain.



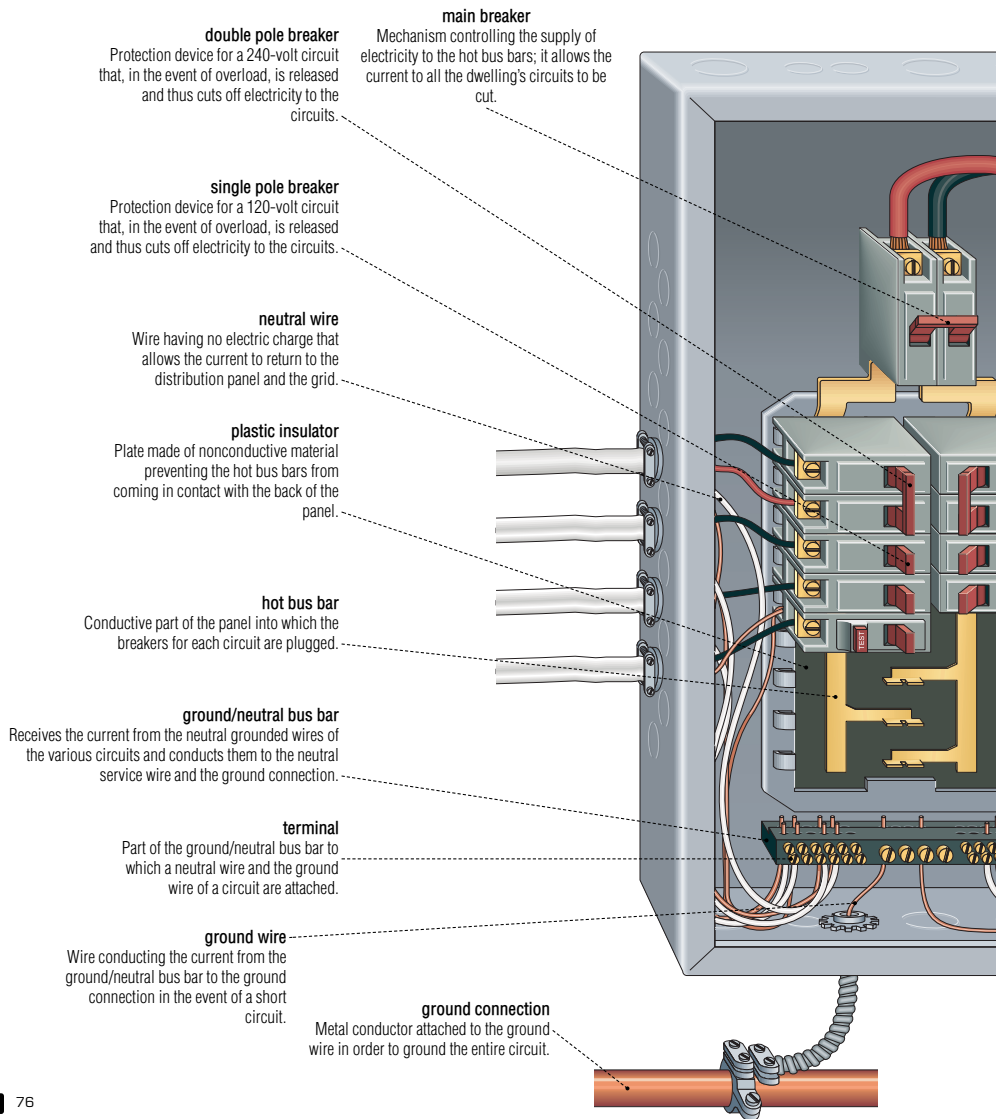
dishwasher

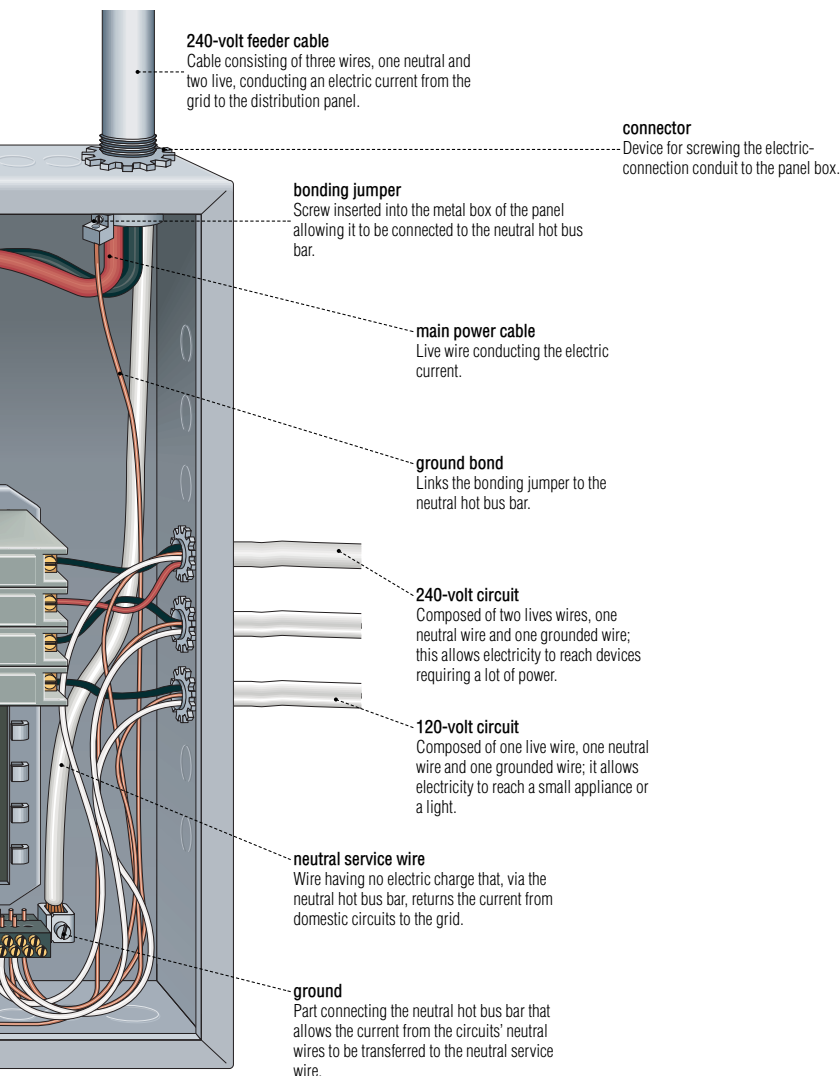
Appliance designed to automatically wash and dry dishes.



distribution panel

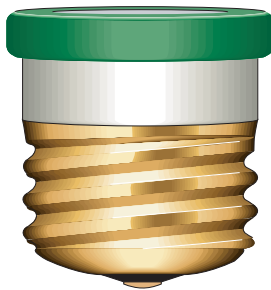
Set of devices forming the junction of the public electricity grid and the electric circuits of a dwelling.





examples of fuses

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

**plug fuse**

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

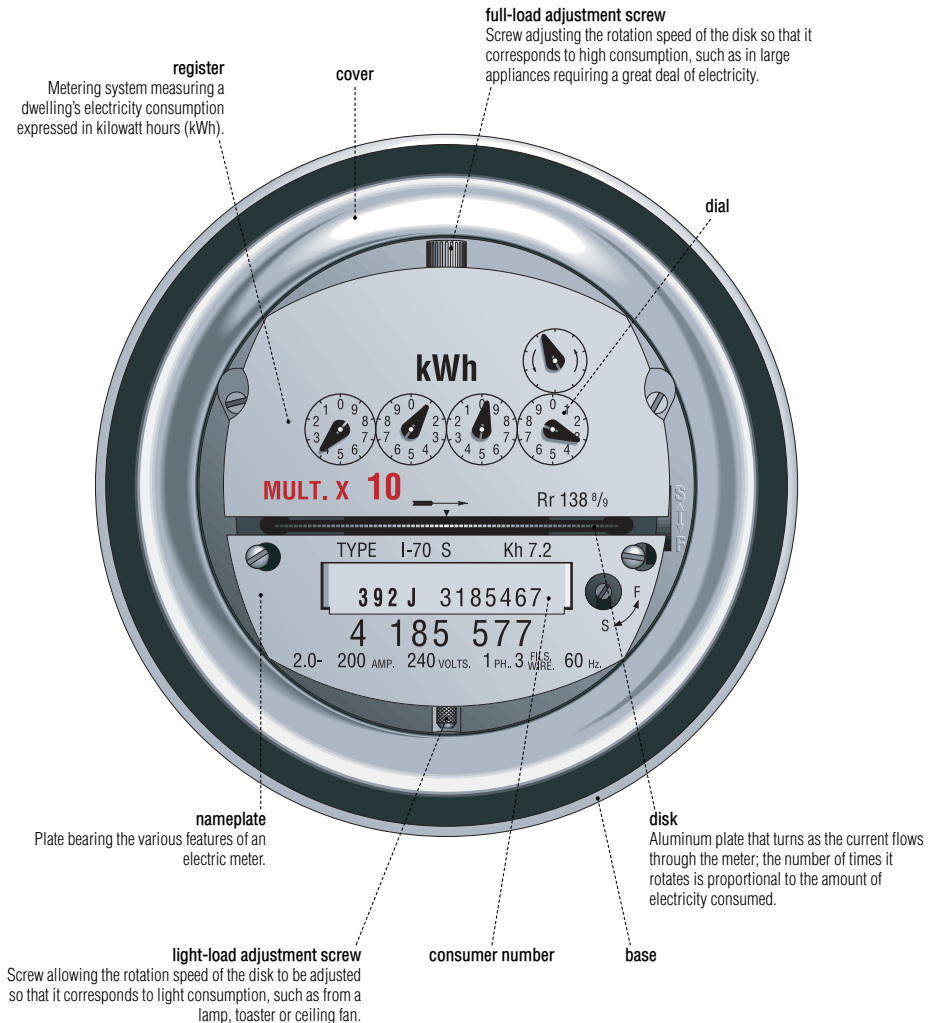
**cartridge fuse**

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

**knife-blade cartridge fuse**

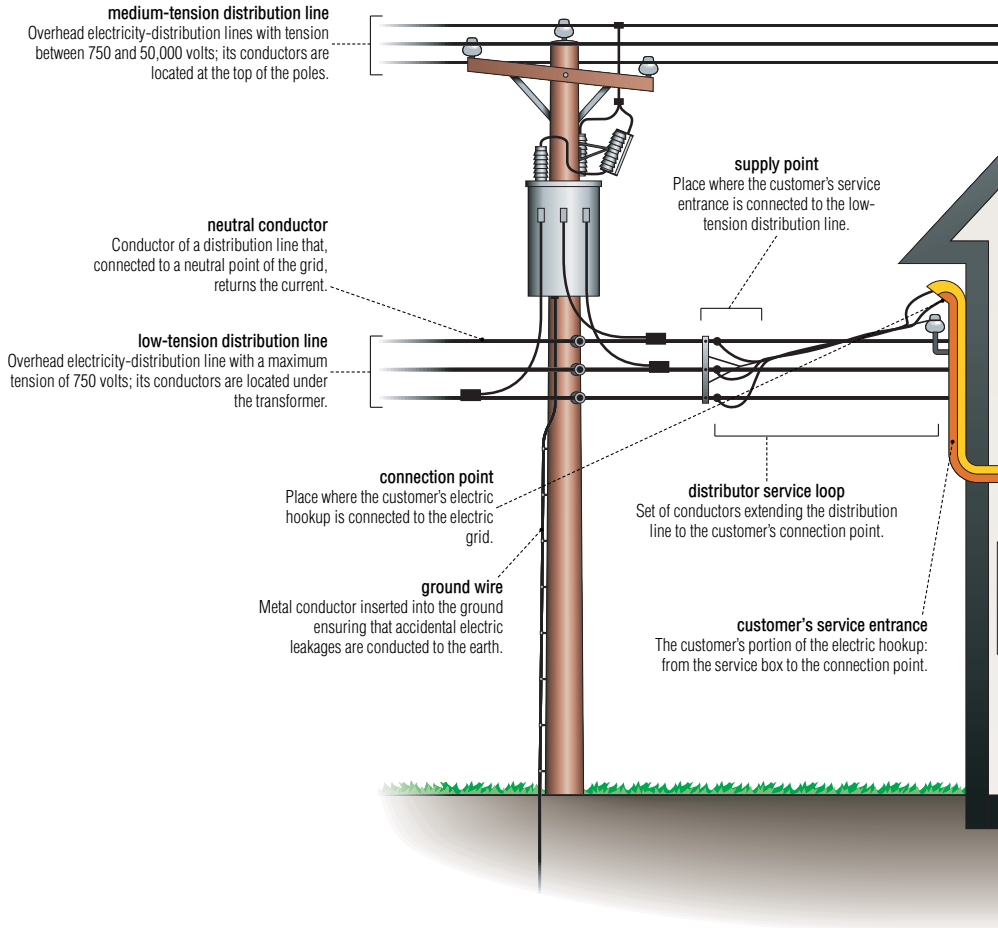
Having a capacity of 60 to 600 amperes, it protects the main electric circuit.

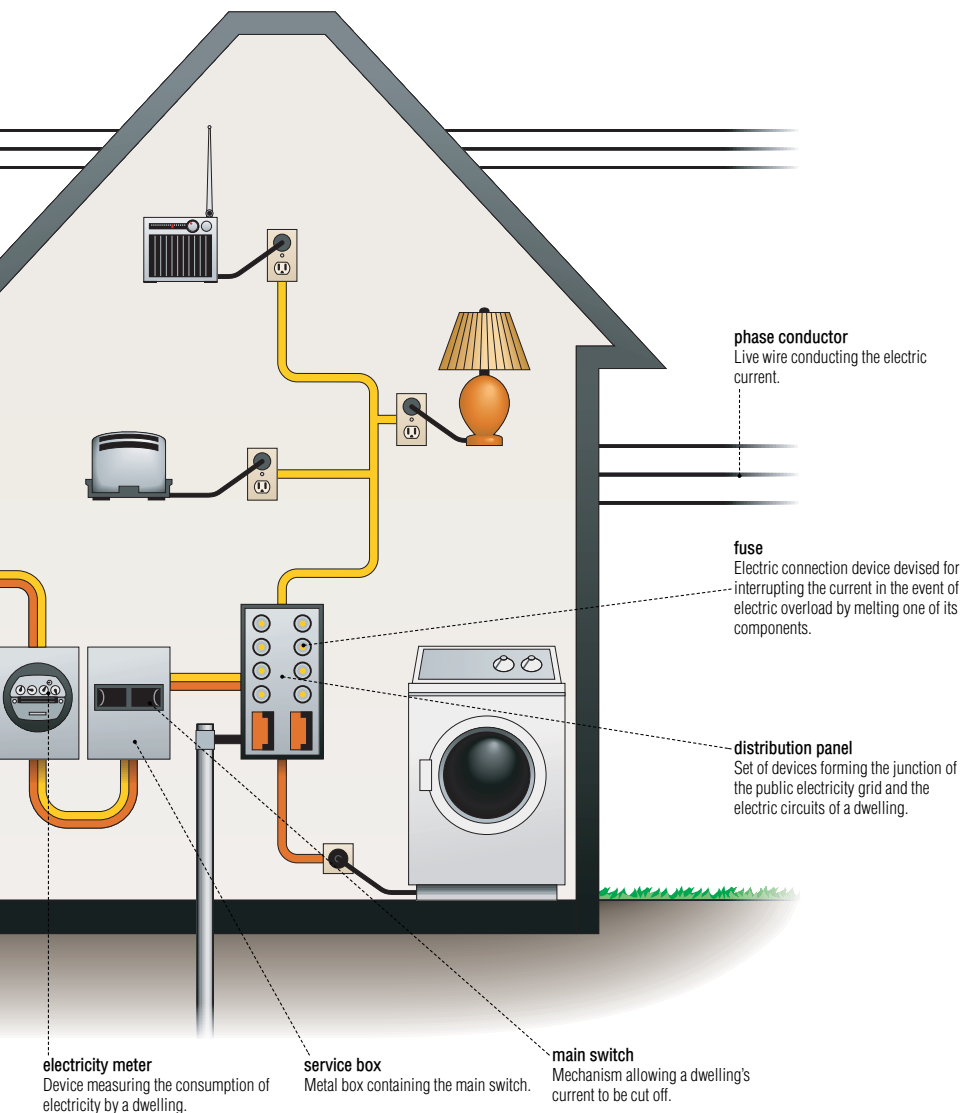
Device measuring the consumption of electricity by a dwelling.



network connection

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



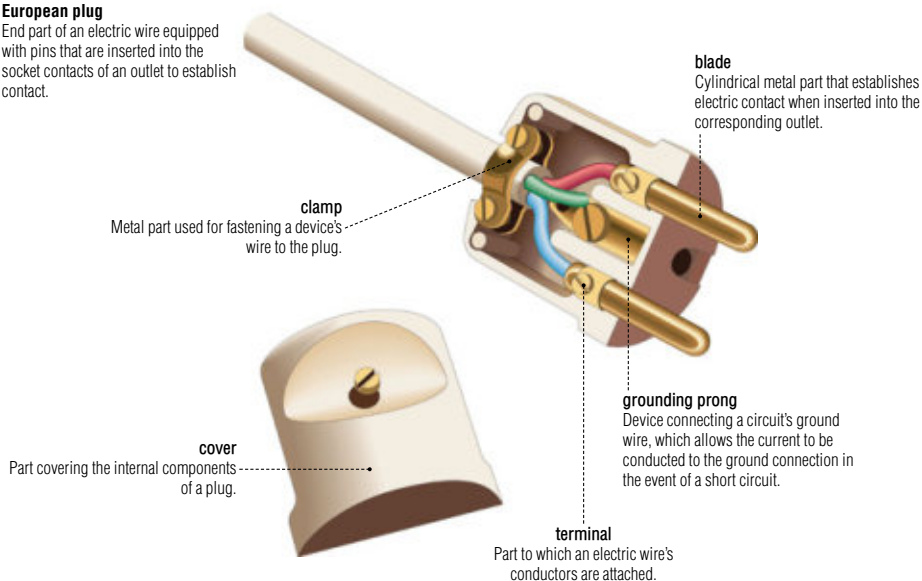


contact devices

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

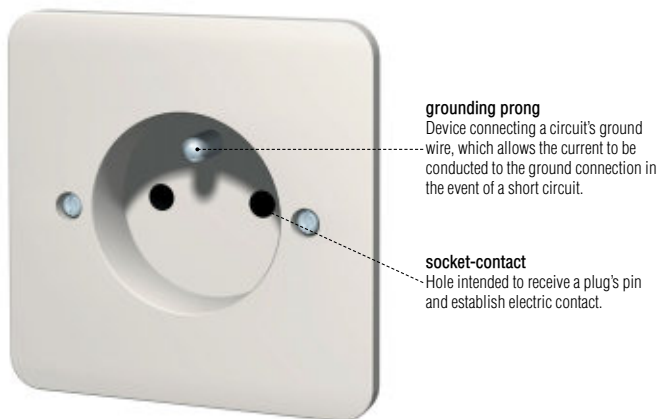
European plug

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



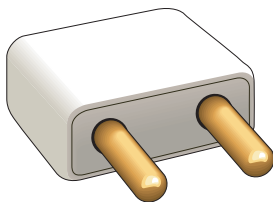
European outlet

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

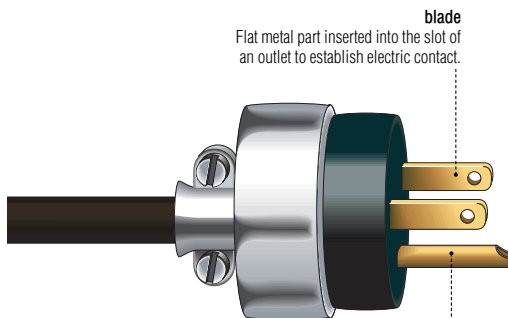


plug adapter

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

**American plug**

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

**blade**

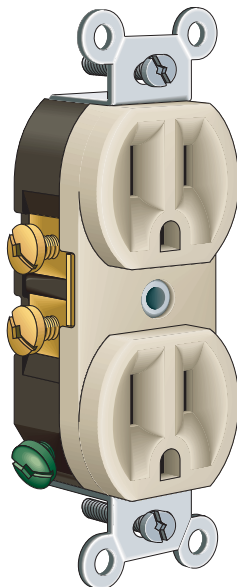
Flat metal part inserted into the slot of an outlet to establish electric contact.

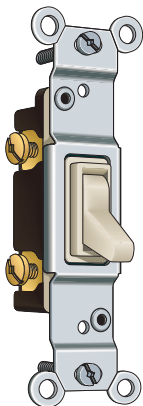
grounding prong

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.

outlet

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

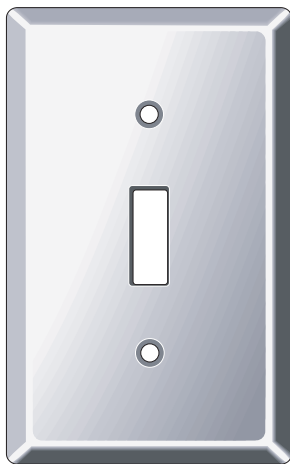


**switch**

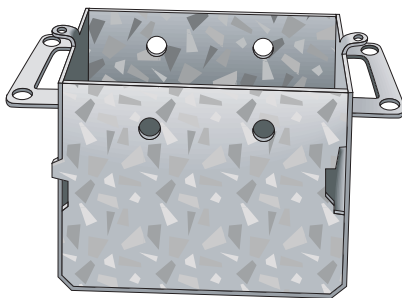
Mechanism allowing the current in an electric circuit to be established or interrupted.

**dimmer switch**

Switch for varying the brightness of a lighting installation.

**switch plate**

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

**electrical box**

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

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

parts of a lamp socket

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

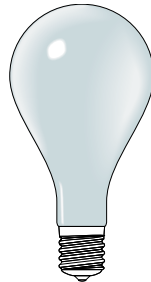
Component protecting the outer shell from the heat.

outer shell

Decorative component covering the socket and the insulating sleeve.

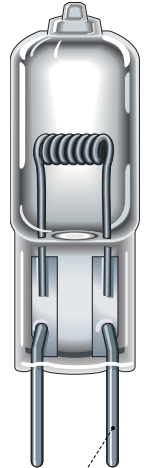
tungsten-halogen lamp

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



bulb

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

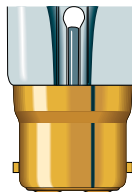


pin

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

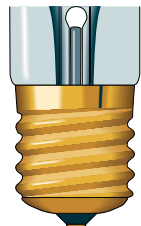
bayonet base

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



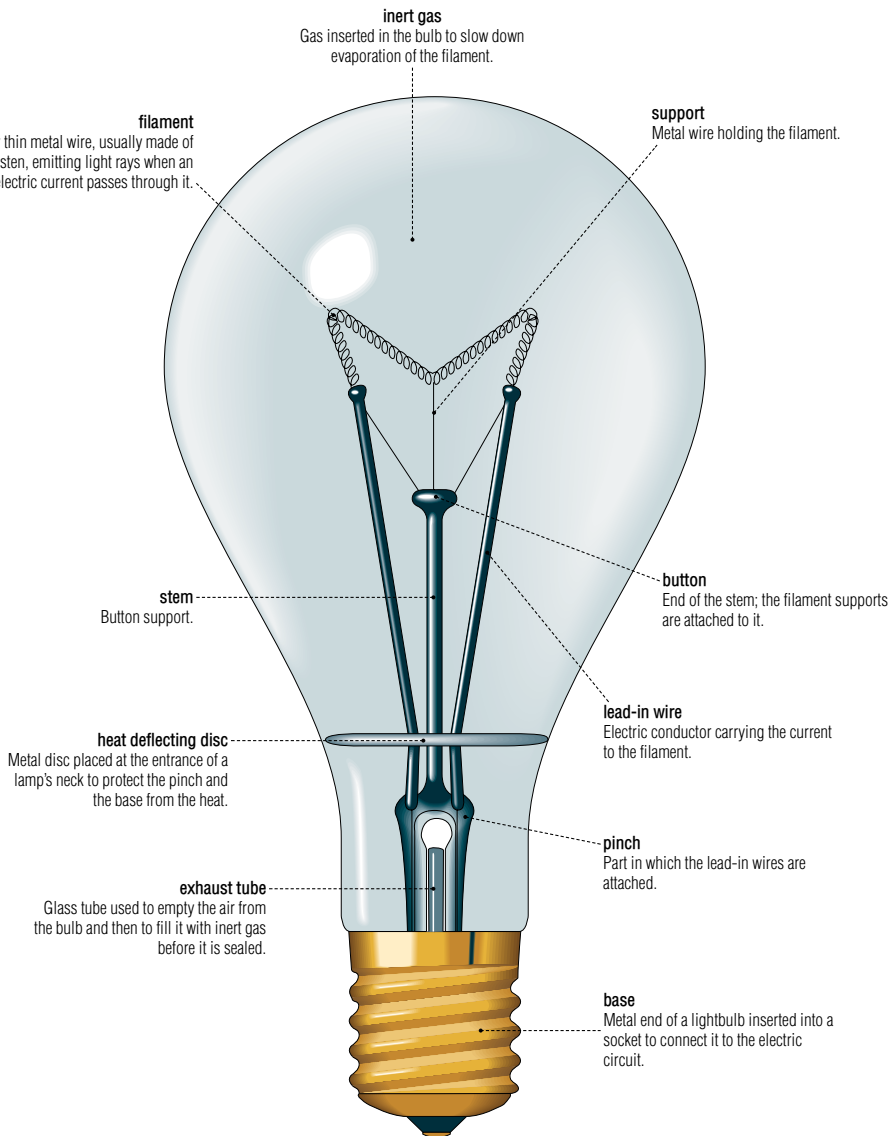
screw base

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



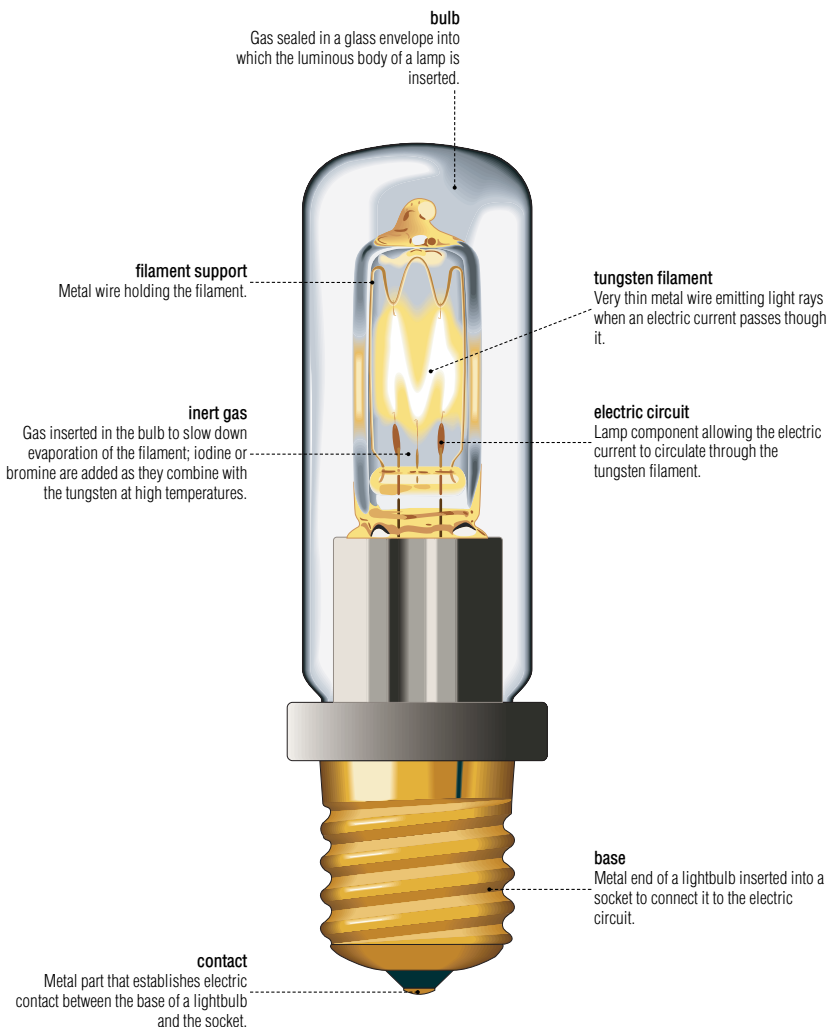
incandescent lamp

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



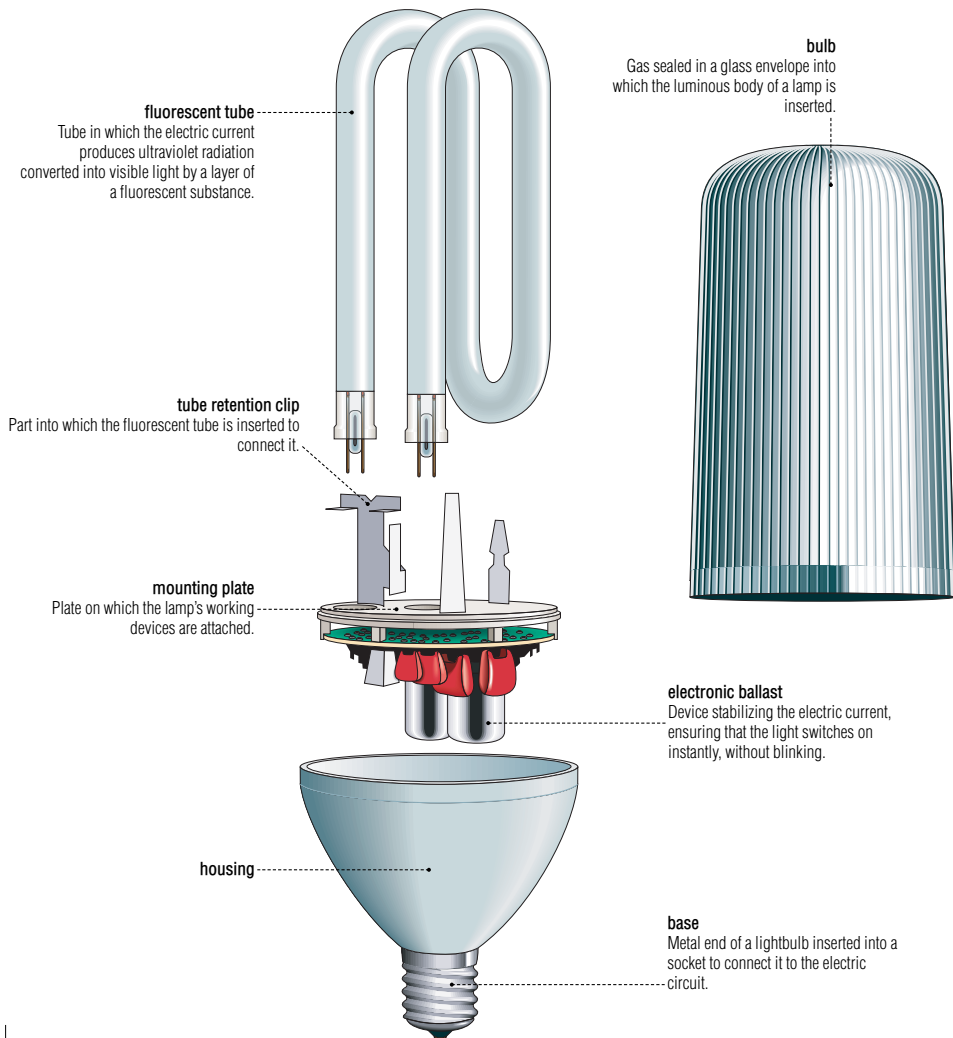
tungsten-halogen lamp

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



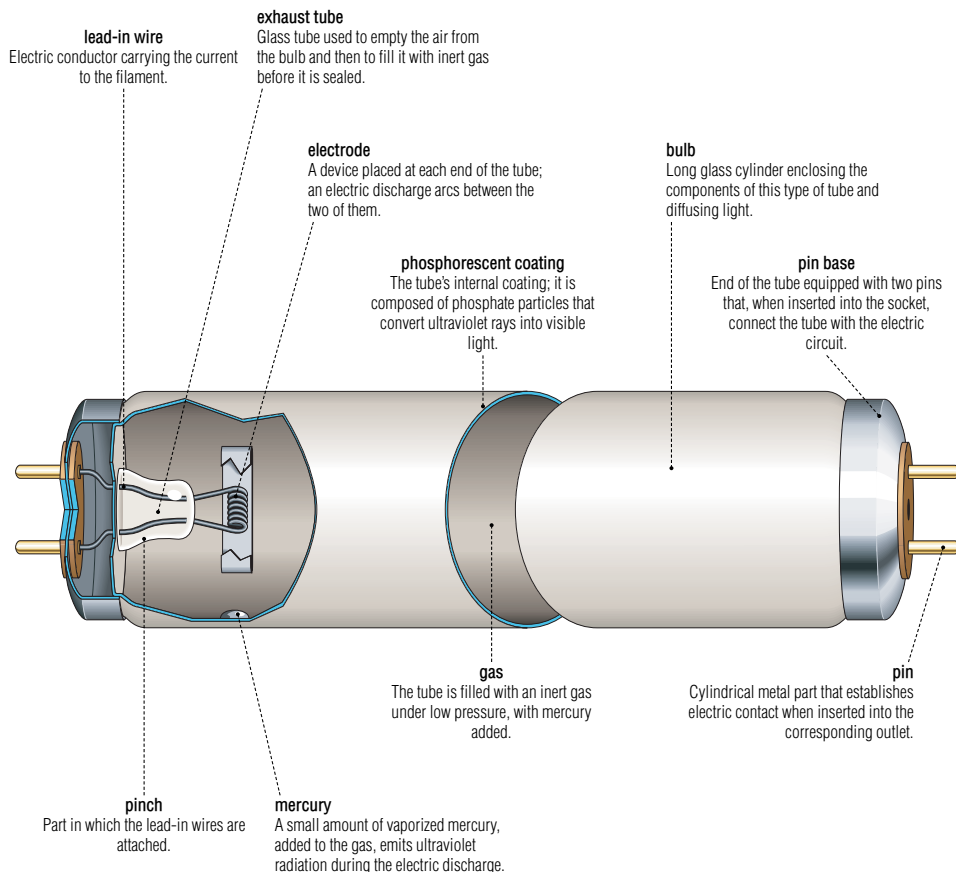
energy-saving bulb

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



fluorescent tube

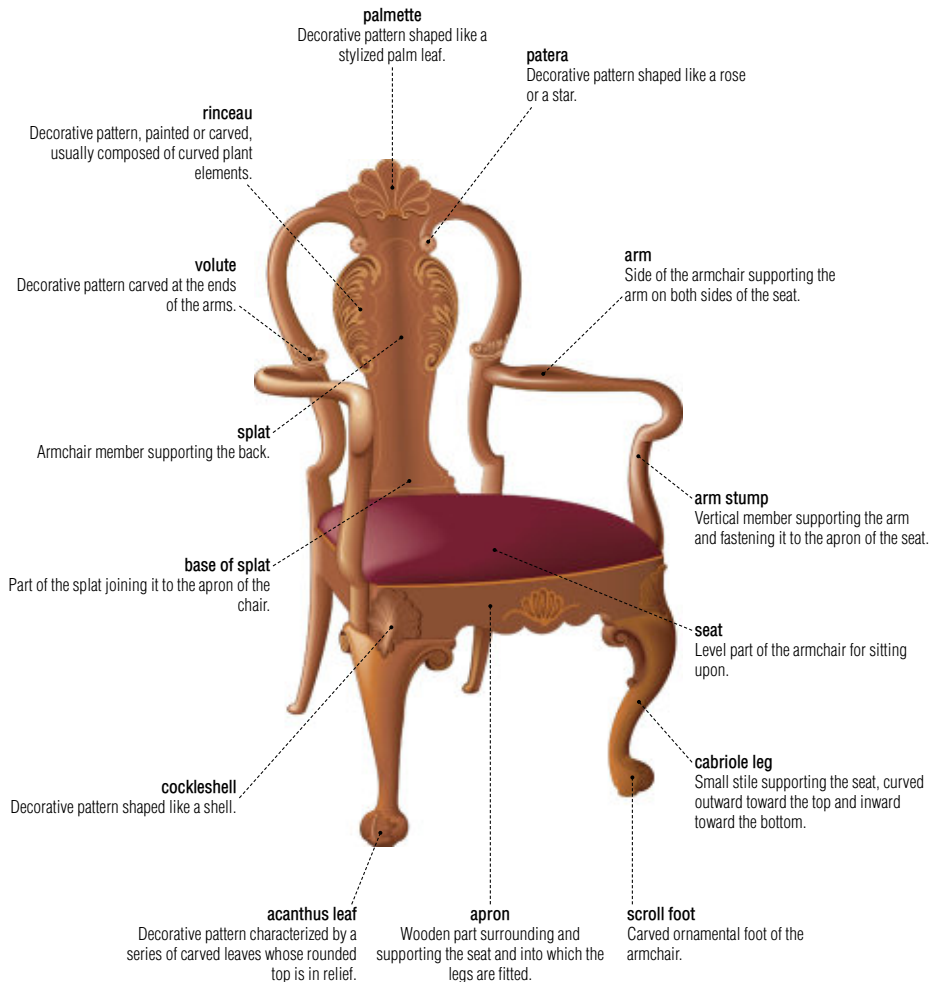
Tube in which the electric current produces ultraviolet radiation converted into visible light by a layer of a fluorescent substance.



armchair

Chair consisting of arms, a back and legs.

parts



examples of armchairs

**Wassily chair**

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

**director's chair**

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

**rocking chair**

Armchair with curved runners to rock on.

**club chair**

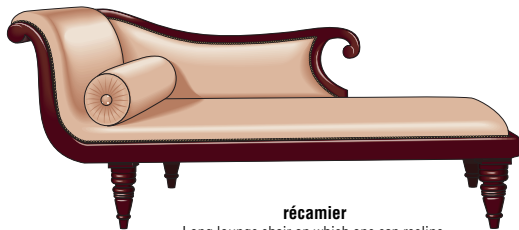
Large deep upholstered armchair, usually made of leather.

**bergère**

Upholstered armchair with a cushioned seat.

**cabriolet**

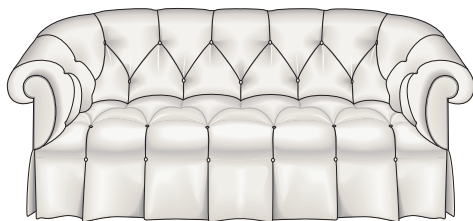
Wooden 18th-century armchair with a curved back and armrests that curve outward.

**récamier**

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

**méridienne**

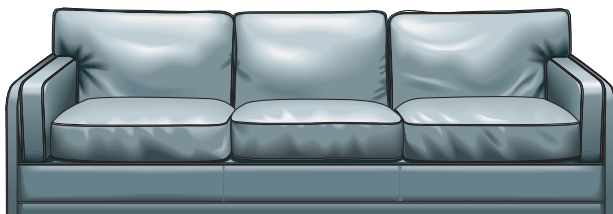
Sofa with an irregular back joining two arms of different heights.

**chesterfield**

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

**love seat**

Sofa that seats two people.

**sofa**

Long upholstered armchair that seats several people.

Furniture designed for sitting.

**bean bag chair**

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

**ottoman**

Low upholstered seat having neither arms nor back.

**step chair**

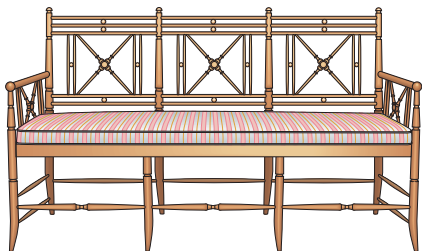
Chair whose foldaway lower part can be pulled out to form a step.

**footstool**

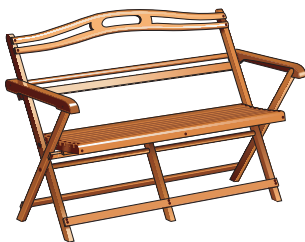
Seat with legs, having neither arms nor back, of various heights.

**bar stool**

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

**banquette**

Bench with an upholstered seat.

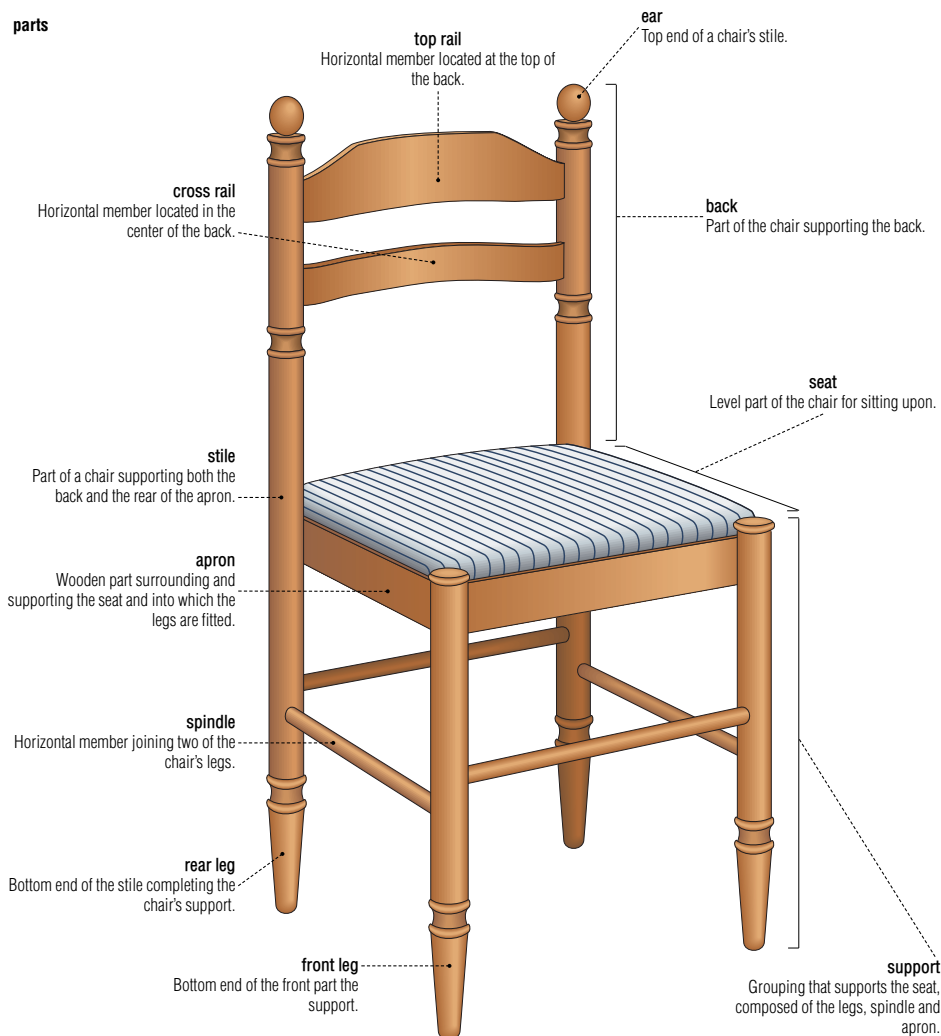
**bench**

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

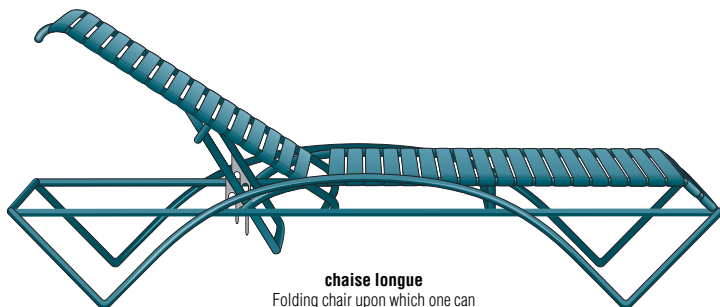
side chair

Seat consisting of a back and legs but no arms.

parts



examples of chairs

**chaise longue**

Folding chair upon which one can recline.

**rocking chair**

Chair equipped with curved runners to rock on.

**stacking chairs**

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

**folding chair**

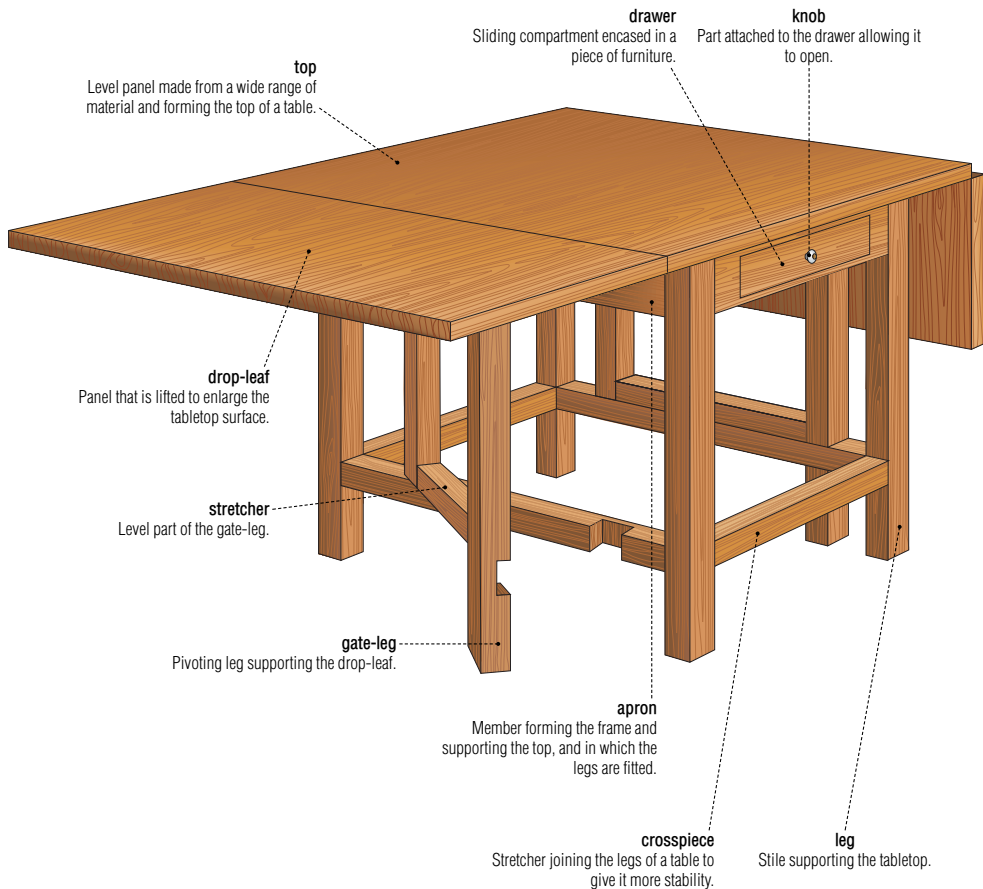
Chair whose seat and legs fold up for ease of storage and carrying.

table

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

gate-leg table

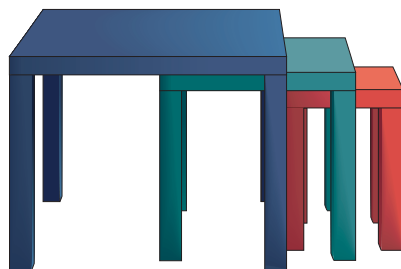
Table equipped with a folding panel that can be raised to enlarge the tabletop surface.



examples of tables

**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.

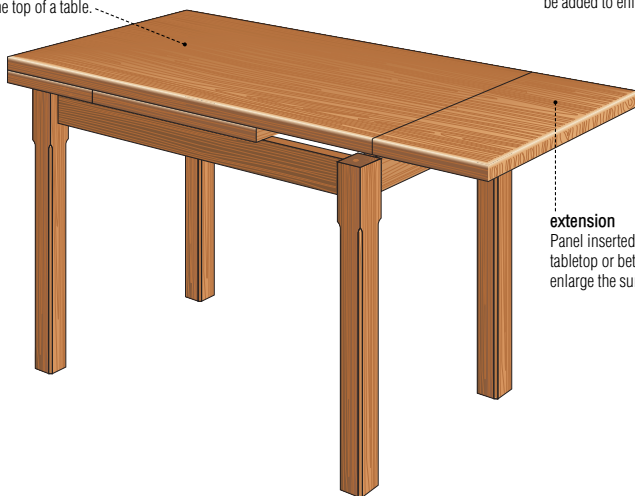
**extension table**

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

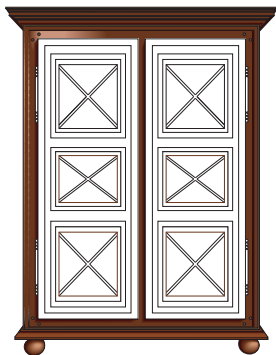
extension
Panel inserted at the end of the tabletop or between the two halves to enlarge the surface.

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.

frieze
Ornamental molding above the cornice.

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

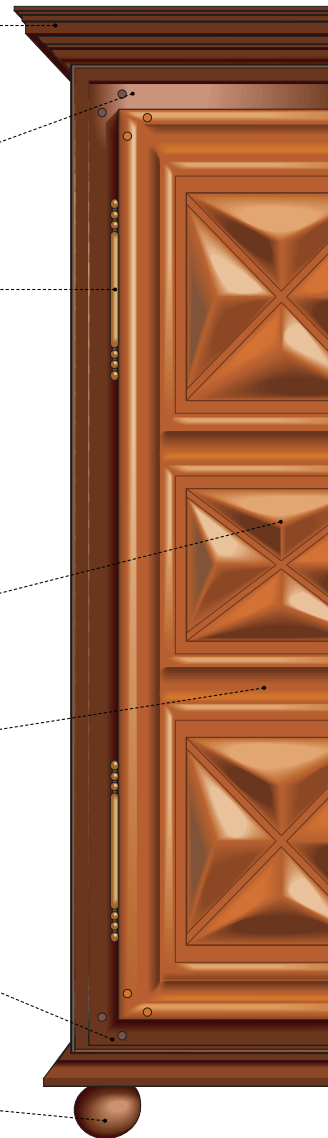
hinge
Cylindrical metal part bent at an angle; it supports the door and allows it to swing.

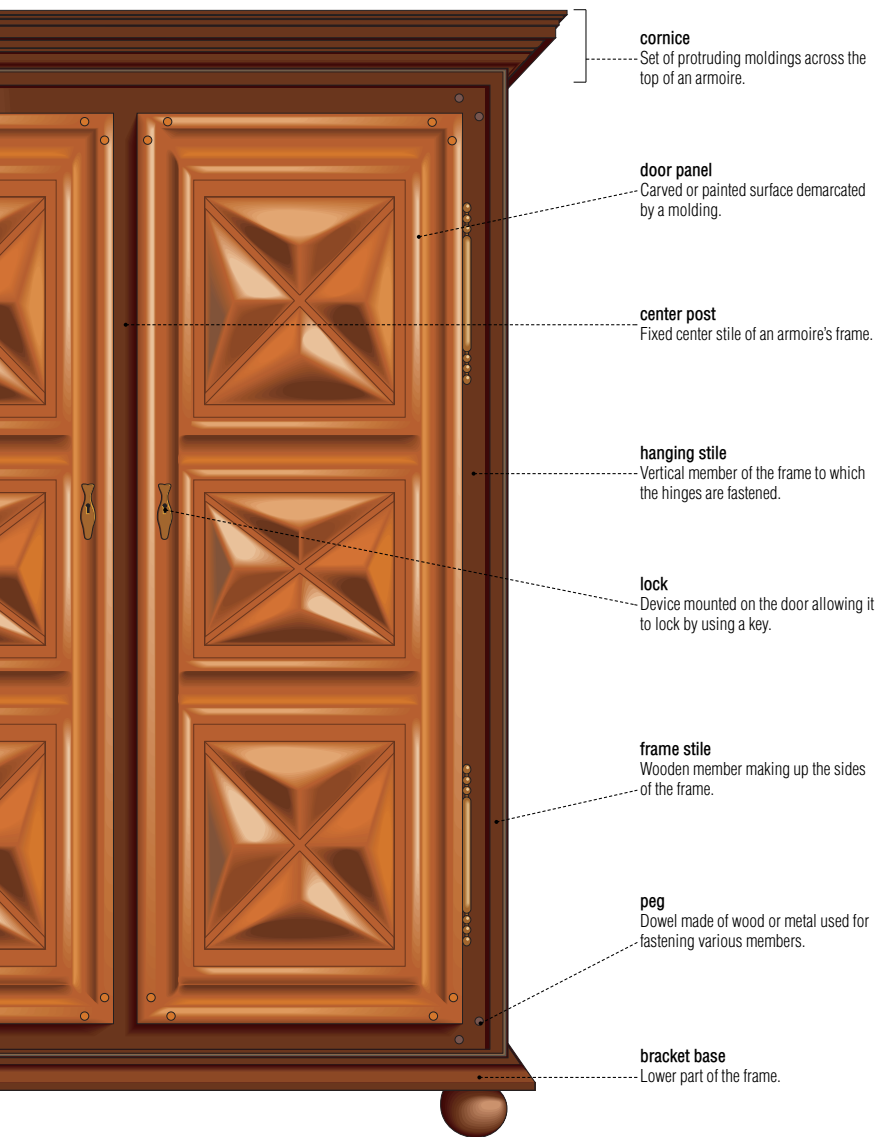
diamond point
Decorative pattern whose embossment resembles the facets of a diamond.

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

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

foot
Wooden member, usually decorative, supporting the armoire.





linen chest

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

**chiffonier**

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

**drawer**

Sliding compartment encased in a piece of furniture.

display cabinet

Glass cabinet for displaying collectibles and knickknacks.

**secretary**

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

**compartment**

Compartment for storing various objects.

fall front

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

wardrobe

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

**buffet**

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



**dresser**

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

**corner cupboard**

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

**glass-fronted display cabinet**

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

**cocktail cabinet**

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

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

sofa bed

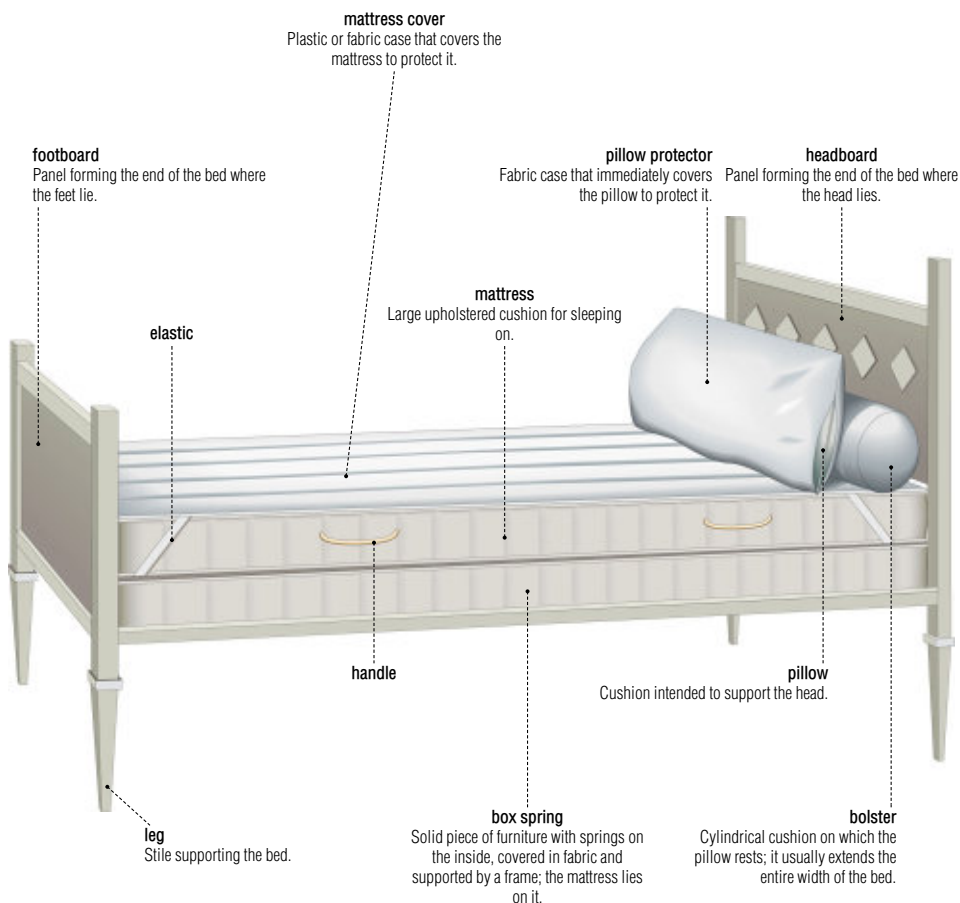
Sofa that can be converted into a bed.

futon

Cotton mattress of Japanese origin.

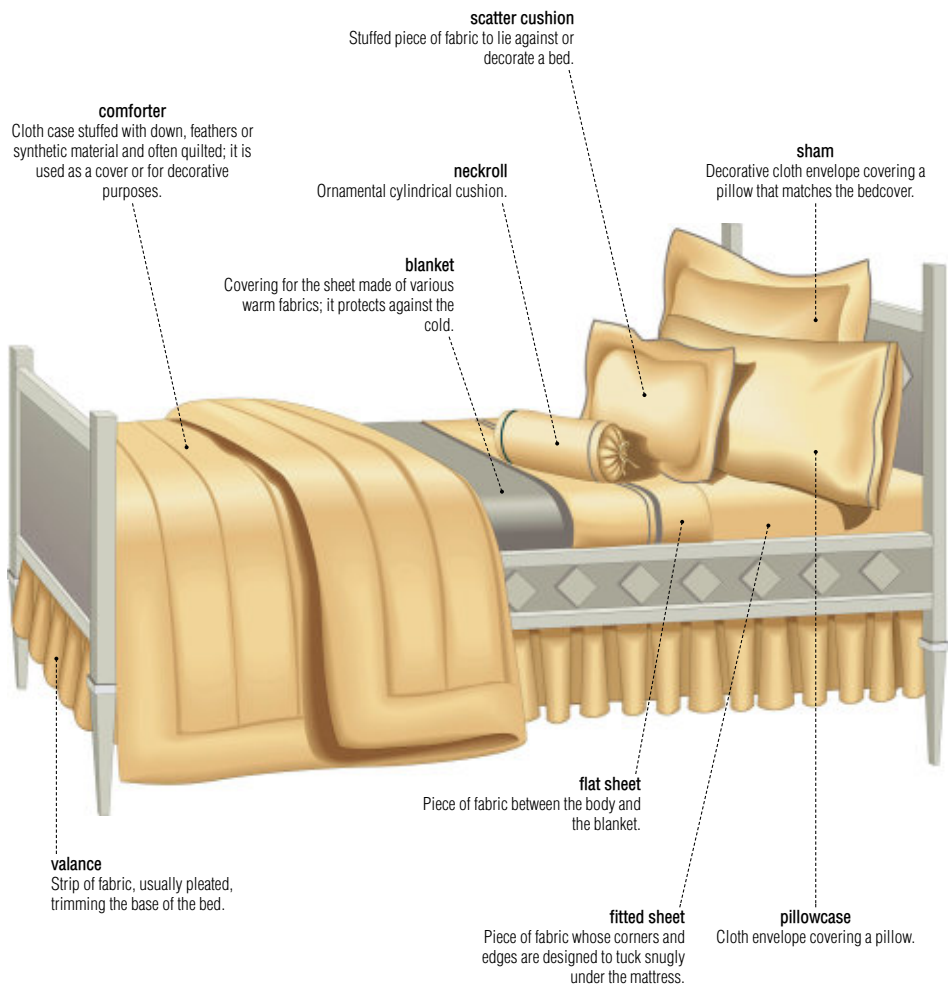
**frame**

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



linen

Set of fabrics, blankets and pillows covering a bed.



children's furniture

Furniture designed and adapted for young children.

crib

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

headboard

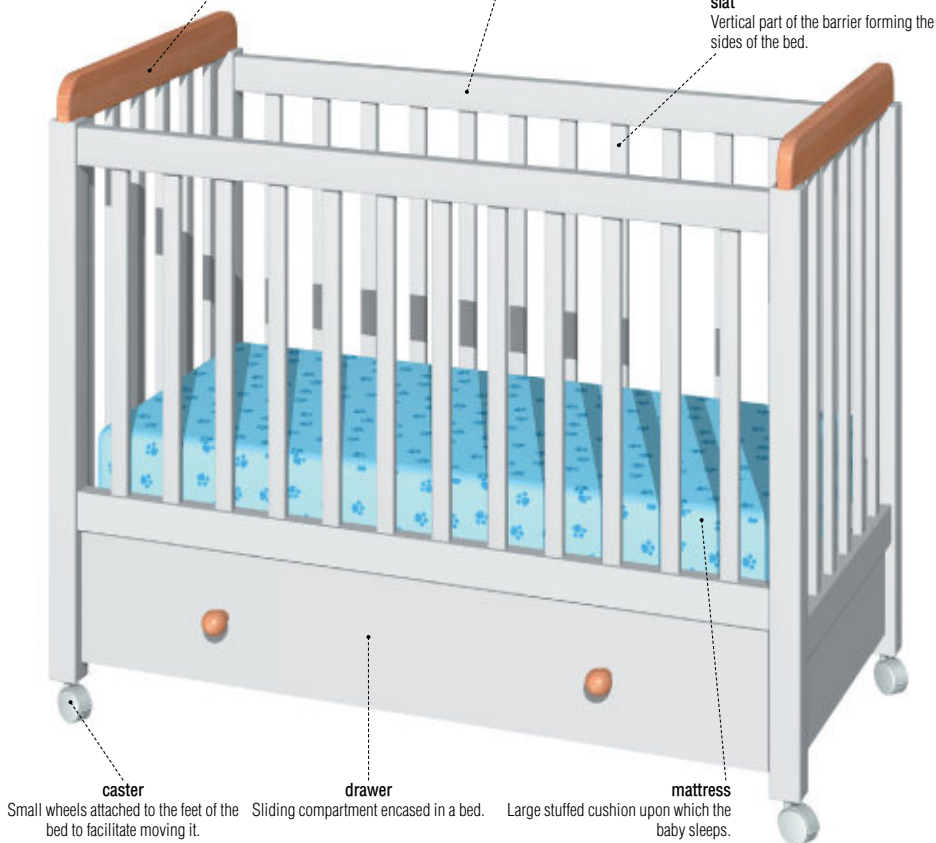
End of the bed where the head of the baby is placed.

barrier

Assembly of bars enclosing the side of the bed.

slat

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

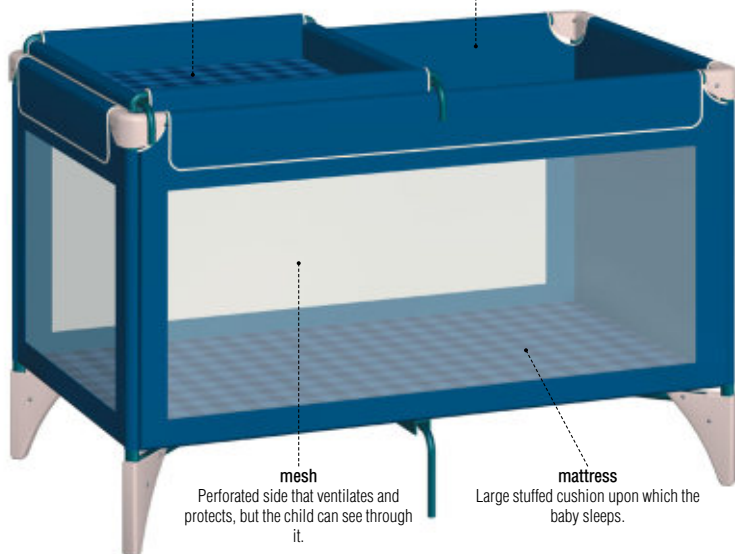


**changing table**

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

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

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

**playpen**

Bed that closes up, usually used when traveling.

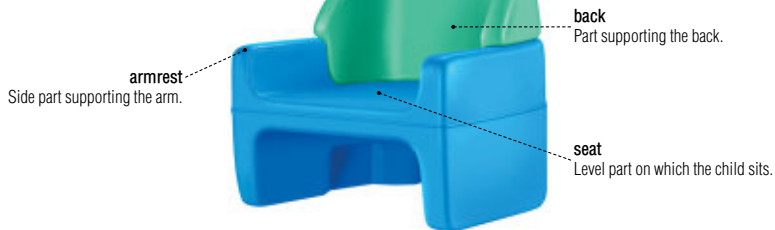
mesh
Perforated side that ventilates and protects, but the child can see through it.

mattress
Large stuffed cushion upon which the baby sleeps.

children's furniture

booster seat

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

**high chair**

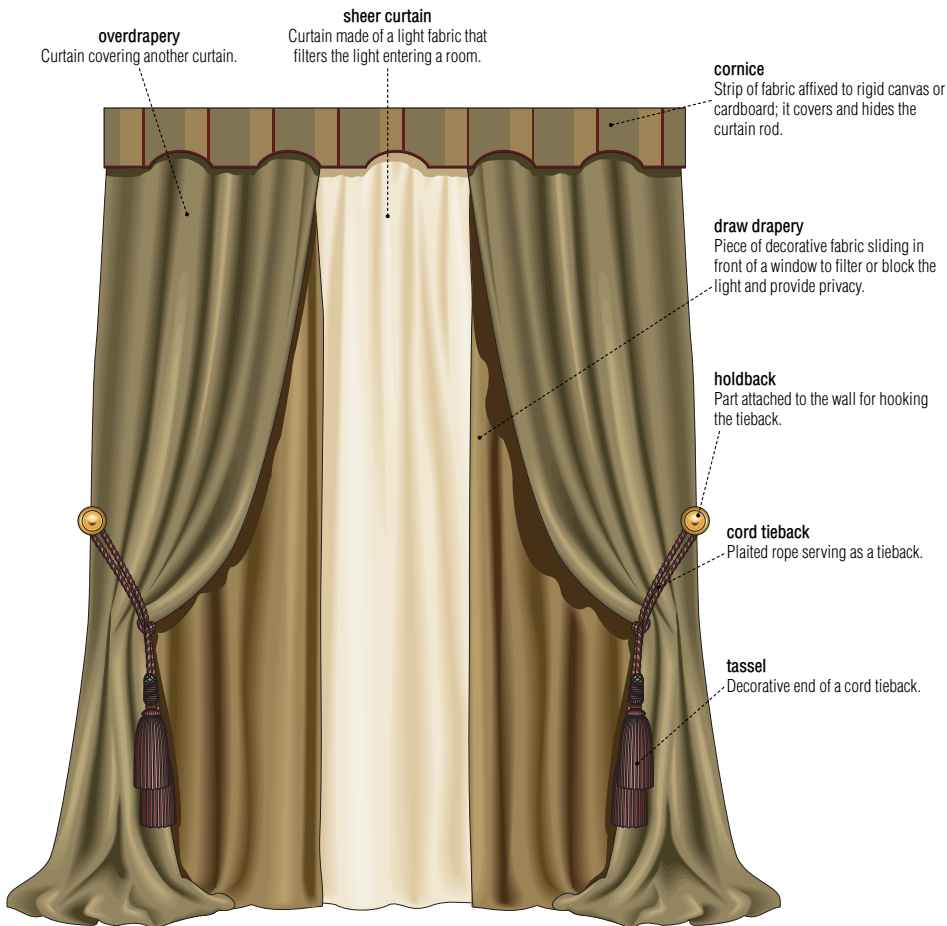
Elevated seat, closed in front by a removable tray, in which a baby sits for feeding.



Set of elements decorating a window.

curtain

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



examples of curtains

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

**attached curtain**

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

**loose curtain**

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

**crisscross curtains**

Curtains whose held-back sides form an overlap.

**balloon curtain**

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

blinds

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

Venetian blind

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

headrail

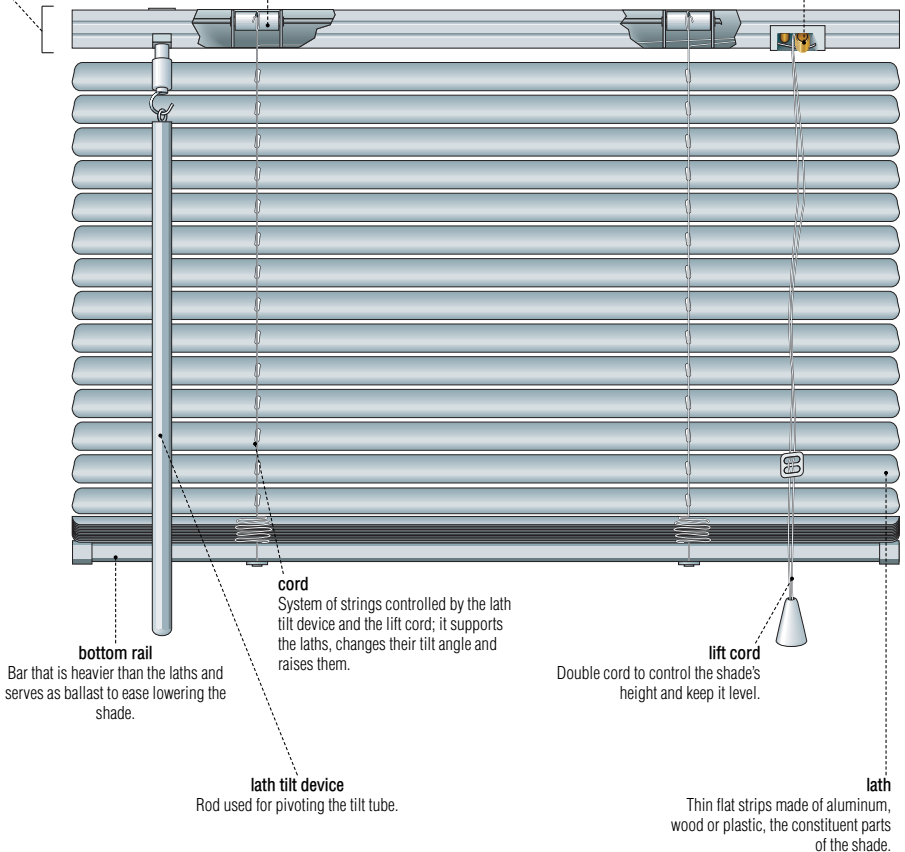
Grooved metal rod containing the shade's mechanism and used to mount the blinds in front of a window.

drum

Cylindrical mechanism allowing the cord and laths to move.

lift cord lock

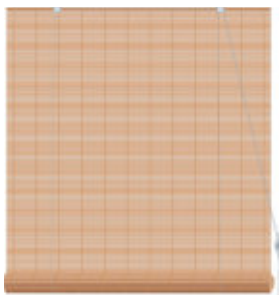
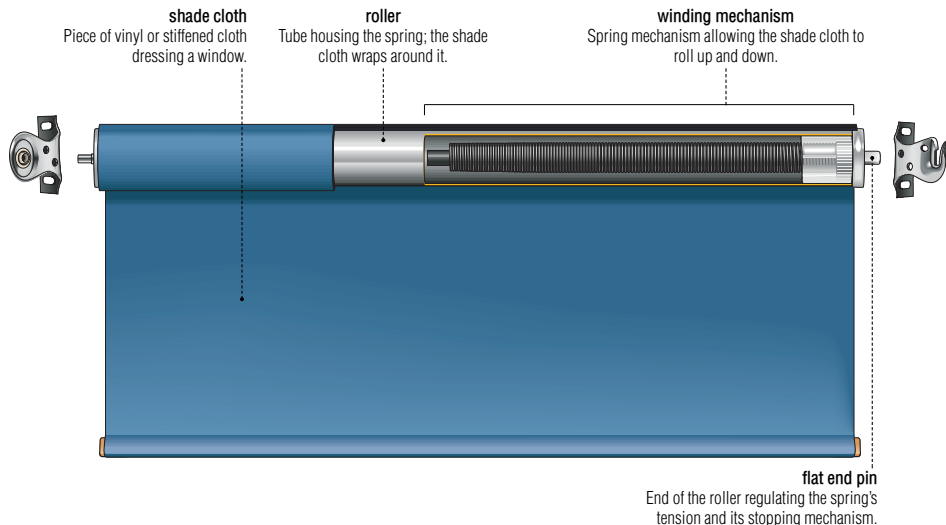
Mechanism keeping the shade at the desired height.



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.

**arm**

Articulated moving bar for adjusting the position of the lamp shade.

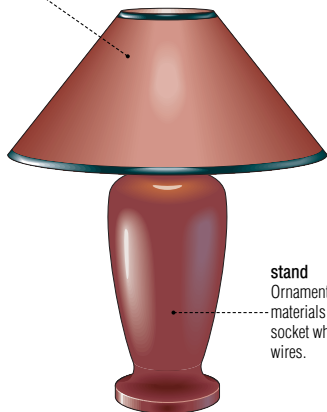
base

Relatively heavy support for stabilizing the lamp.

halogen desk lamp

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

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

**stand**

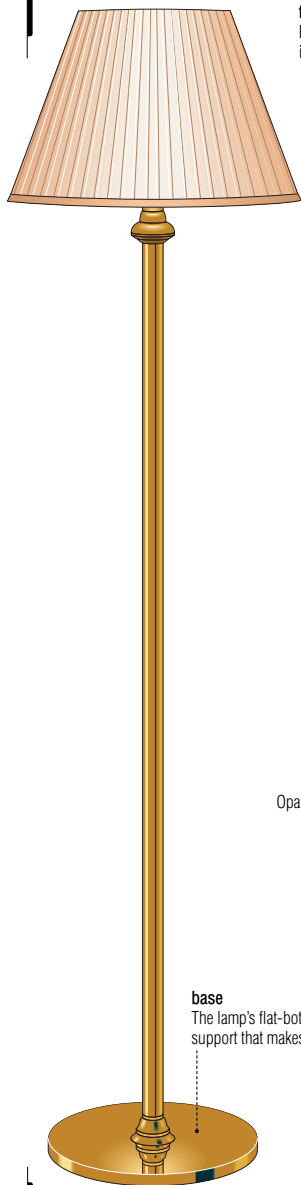
Ornamental base of a lamp of various materials and shapes; it supports the socket while concealing the electric wires.

table lamp

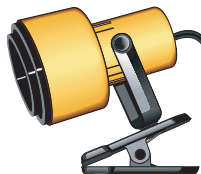
Movable light with a short stand; it is placed on furniture.

**desk lamp**

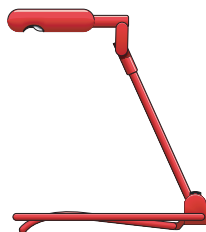
Portable light equipped with an opaque shield that directs and diffuses the light onto the worktable.

**floor lamp**

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

**clamp spotlight**

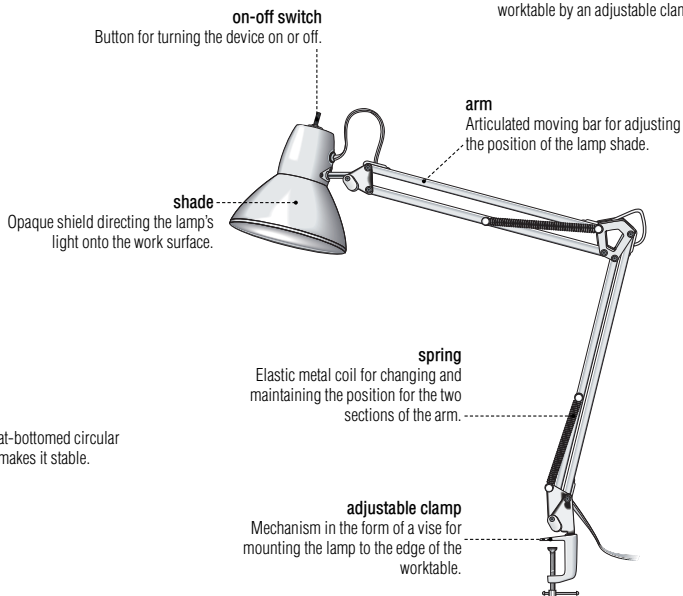
Small portable spotlight with a concentrated beam; it can be mounted on furniture with a clamp.

**bed lamp**

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

adjustable lamp

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

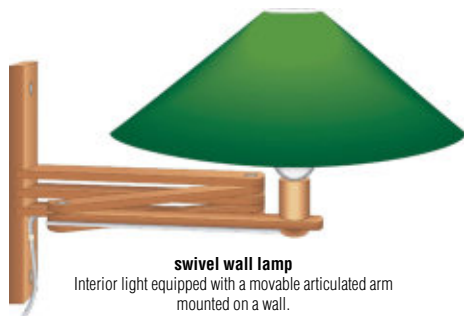


**wall fitting**

Interior light mounted on a wall.

**wall lantern**

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

**swivel wall lamp**

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

post lantern

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

track lighting

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

bar frame

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

transformer

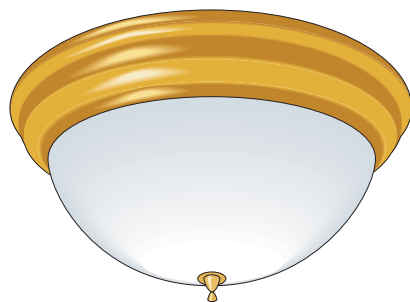
Device adapting the electric current from the track to the spot's voltage.

contact lever

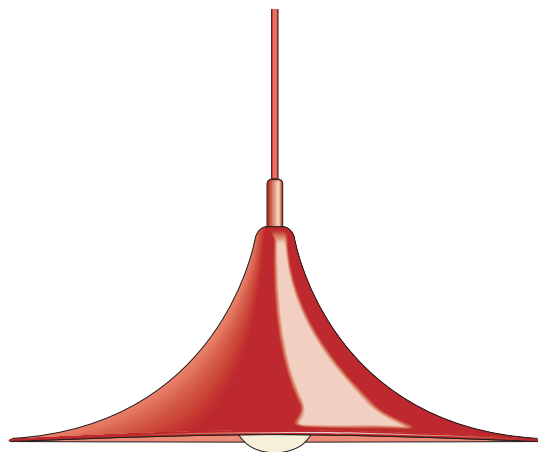
Device for attaching the transformer and plugging it into the bar frame.

spot

Small adjustable spotlight with a concentrated beam.

**ceiling fitting**

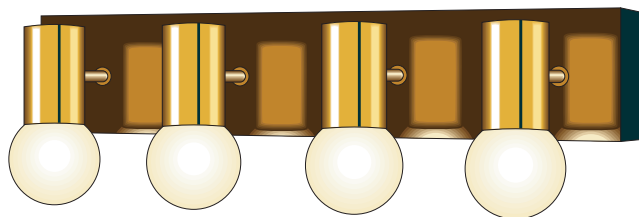
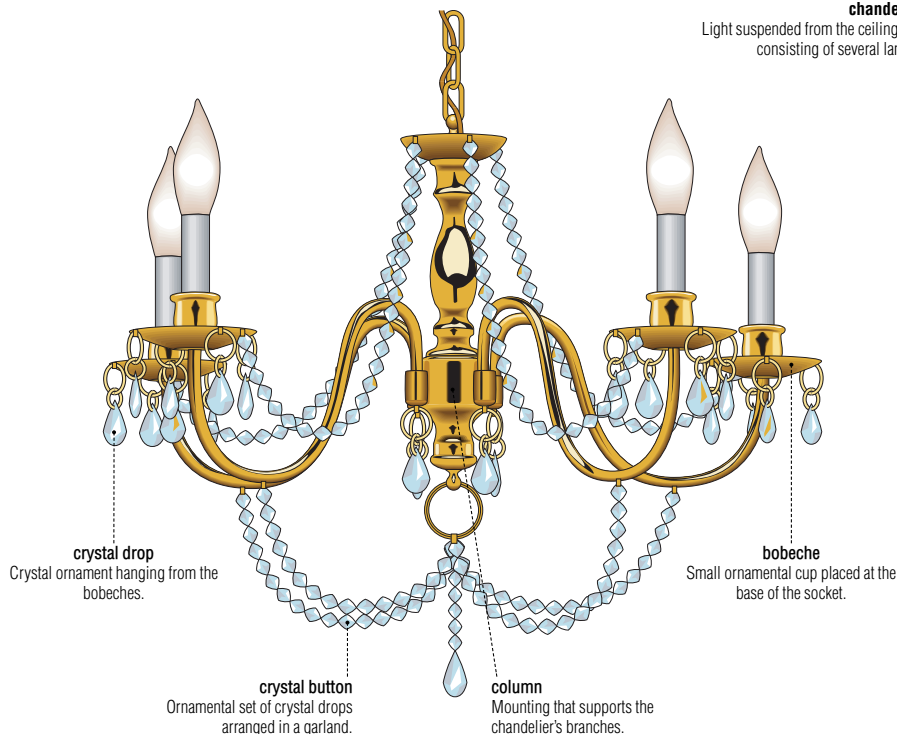
Light mounted directly on the ceiling.

**hanging pendant**

Light designed to be hung from the ceiling.

chandelier

Light suspended from the ceiling and consisting of several lamps.

**strip light**

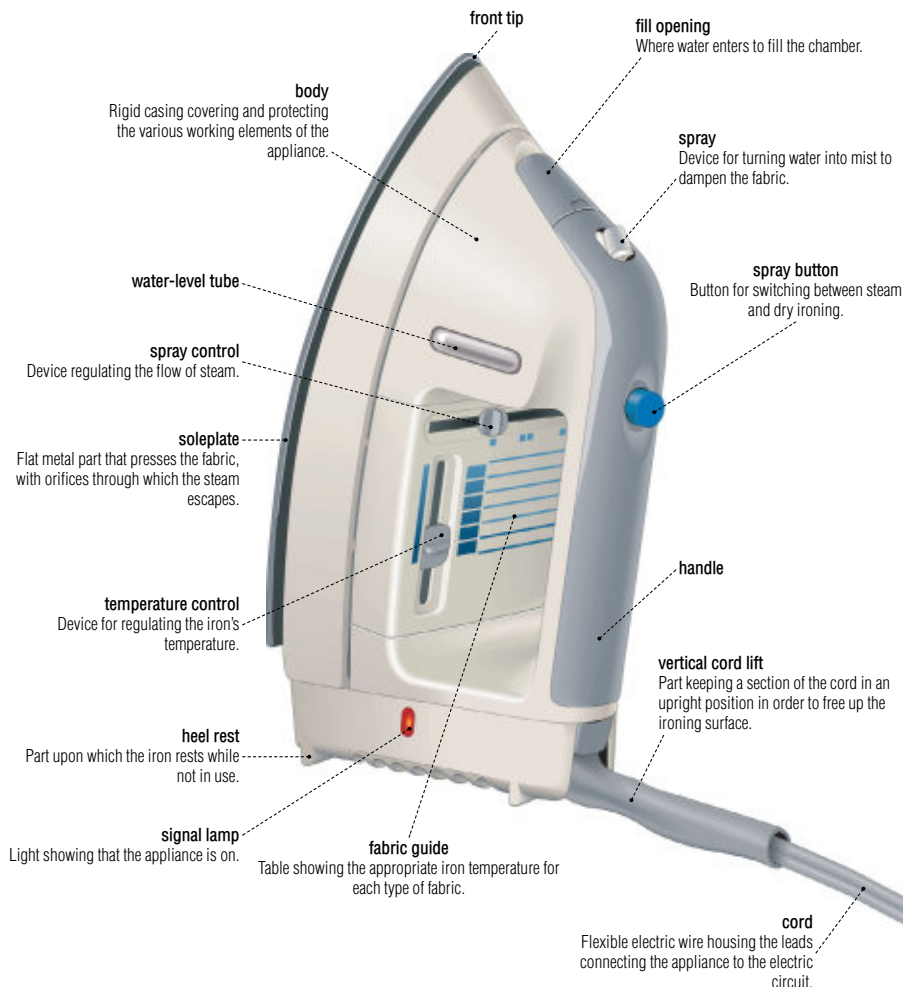
Device composed of a set of lights that are mounted on the same base.

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.

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

tool storage area
Space for storing the cleaning tools.

hose
Flexible pipe to which cleaning tools are attached.

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

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

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

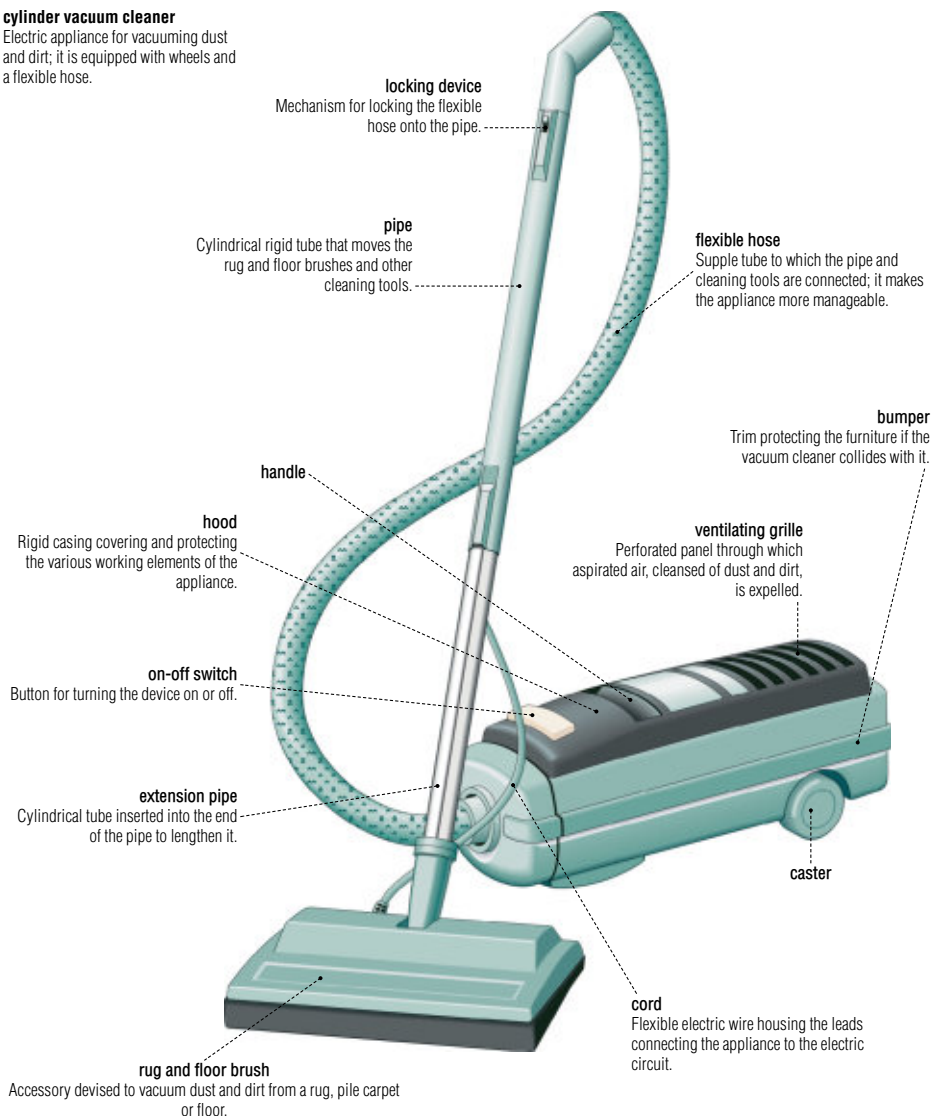
tools
Small accessories that one attaches to the end of the hose to vacuum dust and dirt.



domestic appliances

cylinder vacuum cleaner

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



**crevice tool**

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

**dusting brush**

Accessory for vacuuming dust from various surfaces.

**floor brush**

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

**upholstery nozzle**

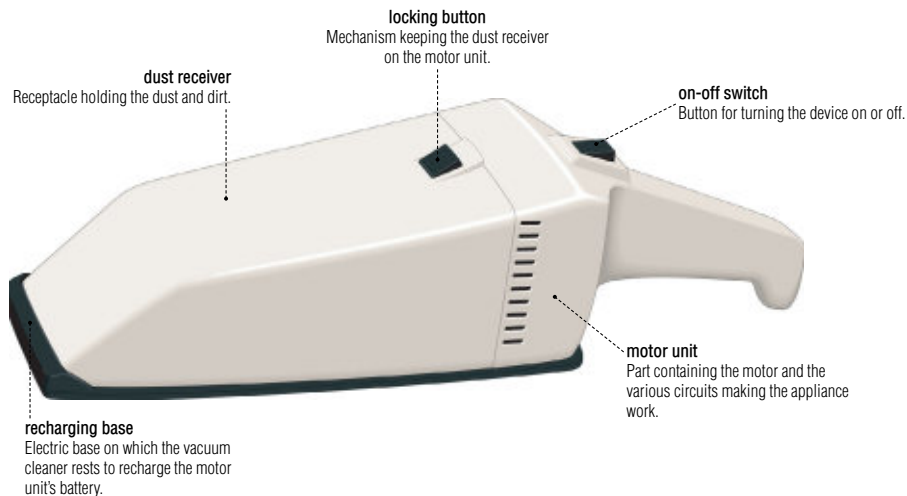
Accessory for vacuuming dust and dirt from fabric.

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

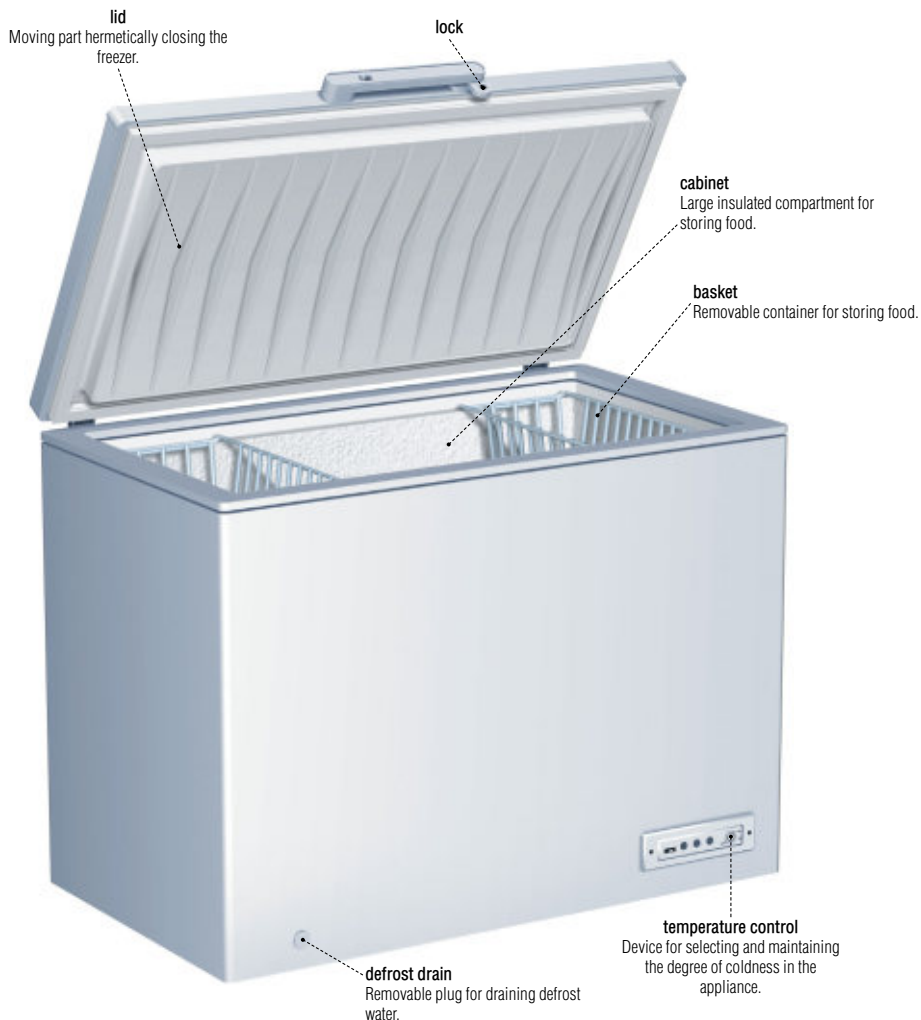
gas range

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

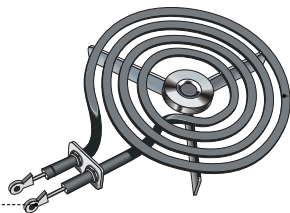
Ventilation appliance expelling or recycling air that contains cooking fumes and odors.

**filter**

Device catching the cooking grease.

surface element

Heating element for cooking on some models of kitchen stoves.

**terminal**

Metal part making electric contact.

tubular element

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

**drip bowl**

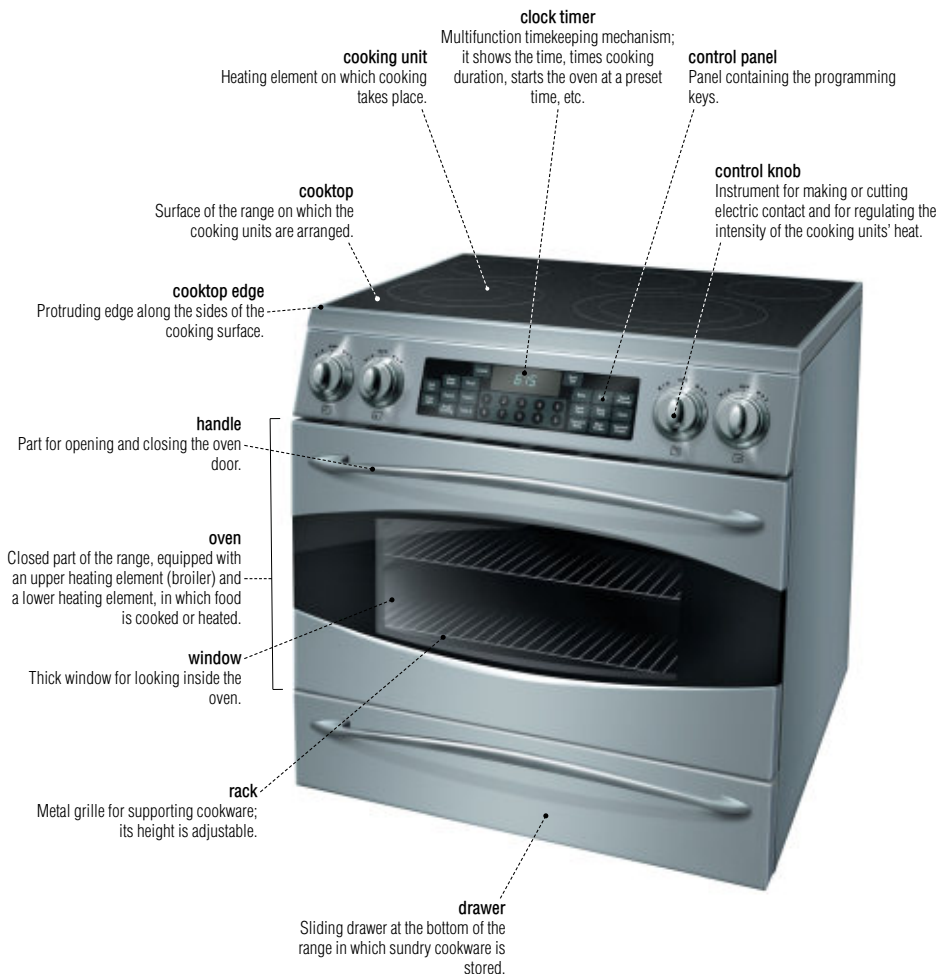
Small container placed beneath the surface element to catch cooking spills.

**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.

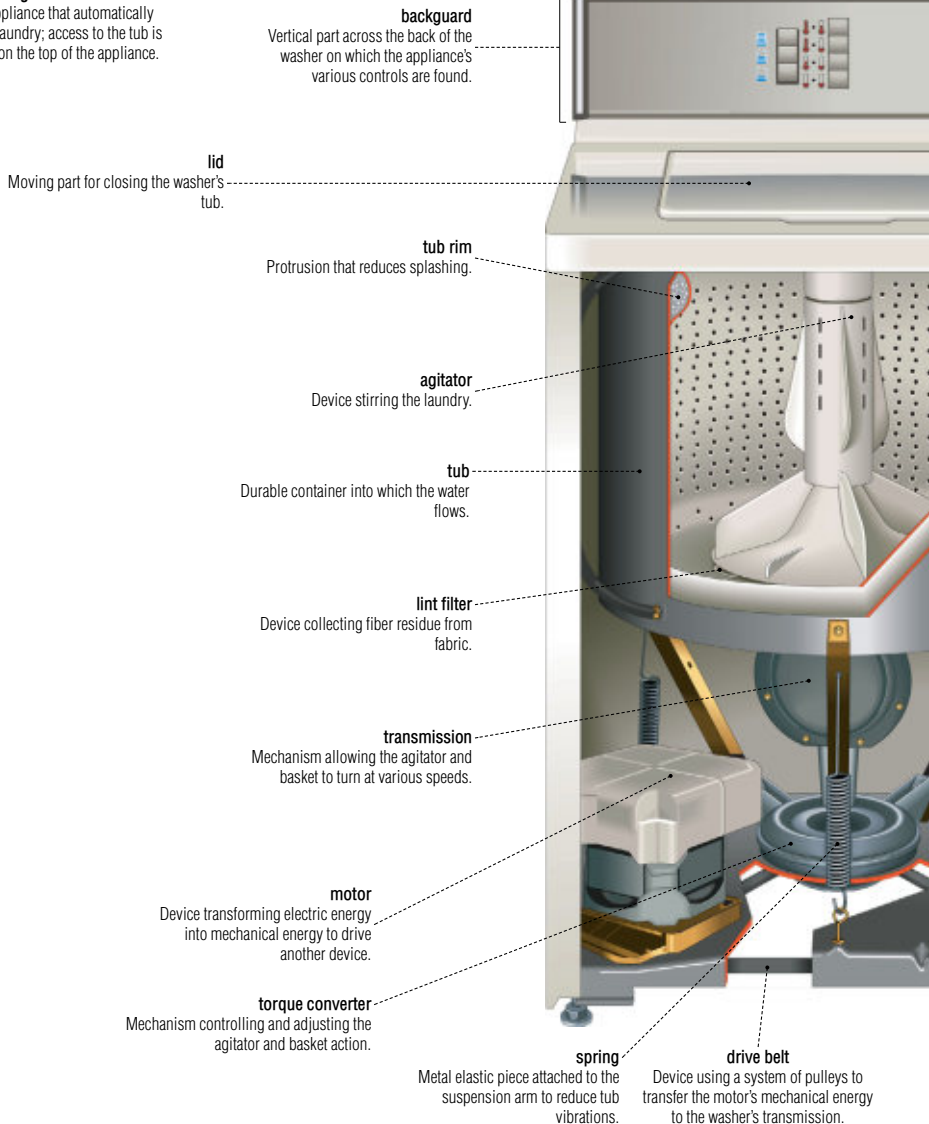




domestic appliances

top-loading washer

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



front-loading washer

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

**basket**

Perforated drum into which the laundry is placed.

cabinet

Enameled 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.

pump

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

temperature selector**water-level selector****control knob**

Device automatically controlling the selected wash cycle.

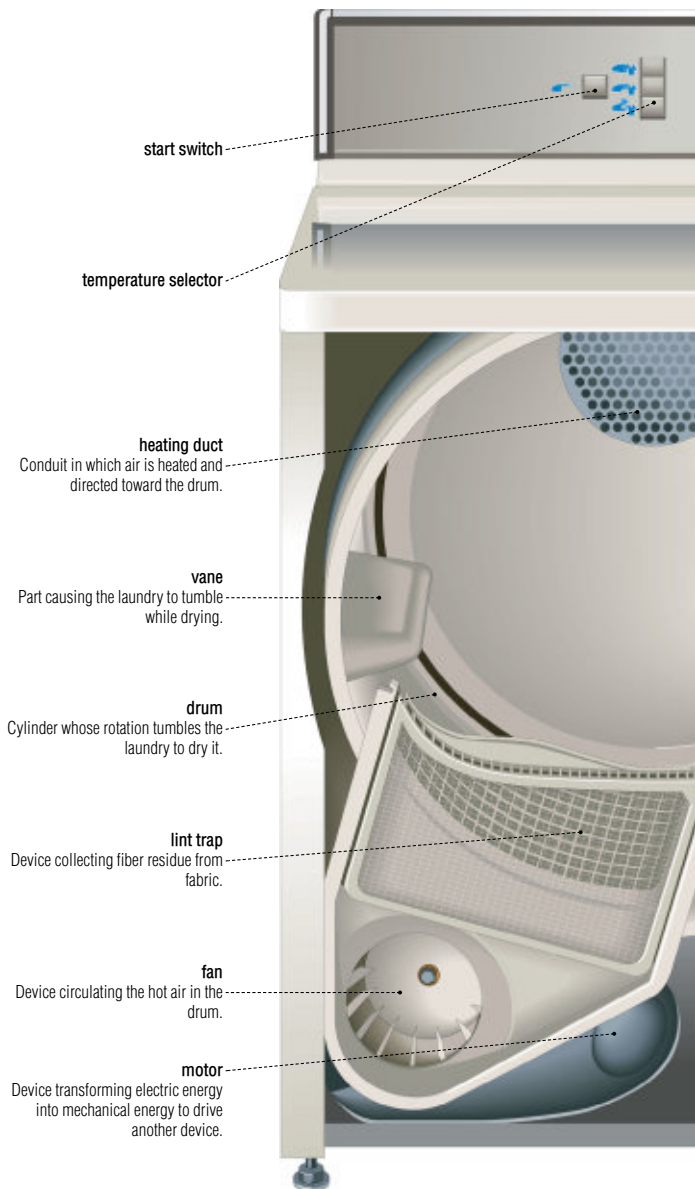
control panel

Panel containing the programming keys.

**door**

electric dryer

Appliance for automatically drying laundry.



start switch

temperature selector

heating duct

Conduit in which air is heated and directed toward the drum.

vane

Part causing the laundry to tumble while drying.

drum

Cylinder whose rotation tumbles the laundry to dry it.

lint trap

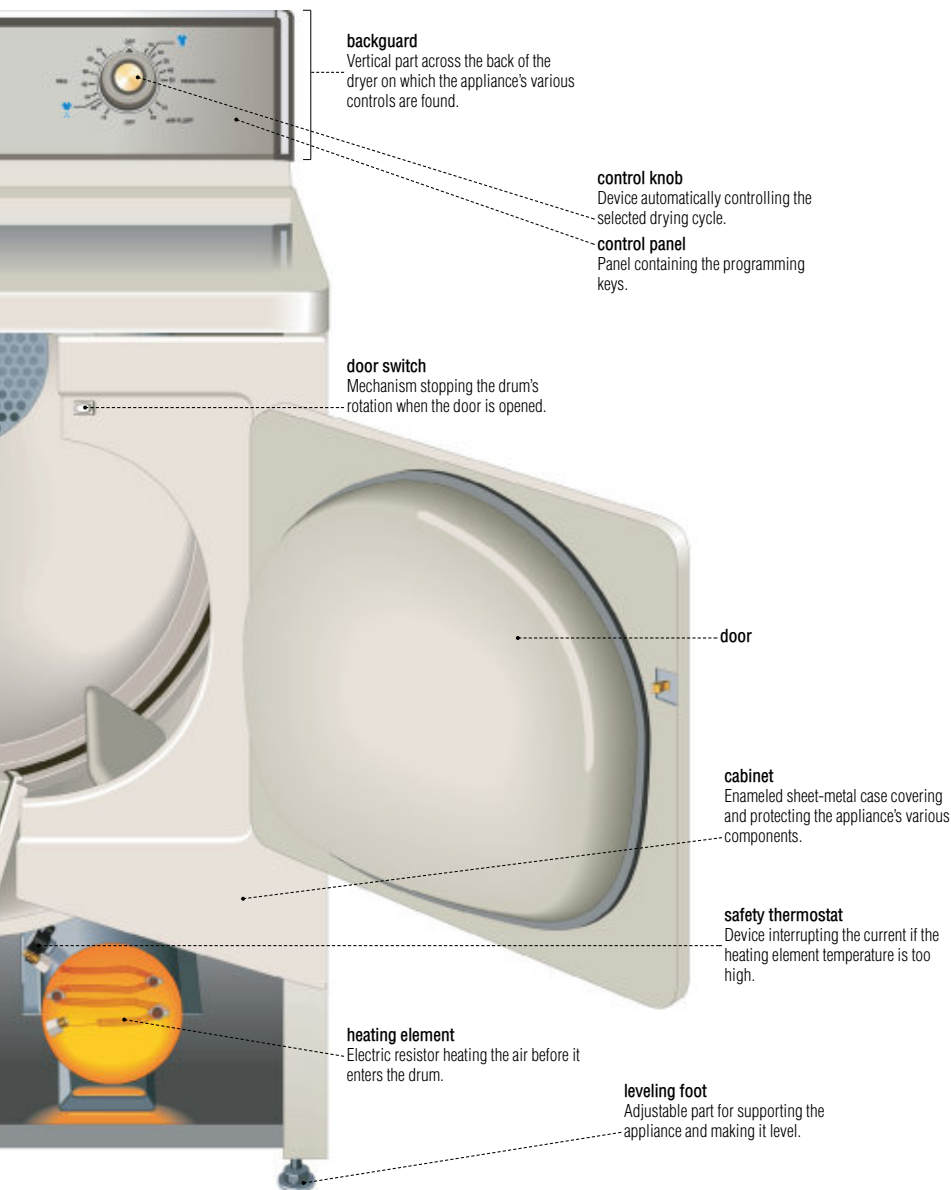
Device collecting fiber residue from fabric.

fan

Device circulating the hot air in the drum.

motor

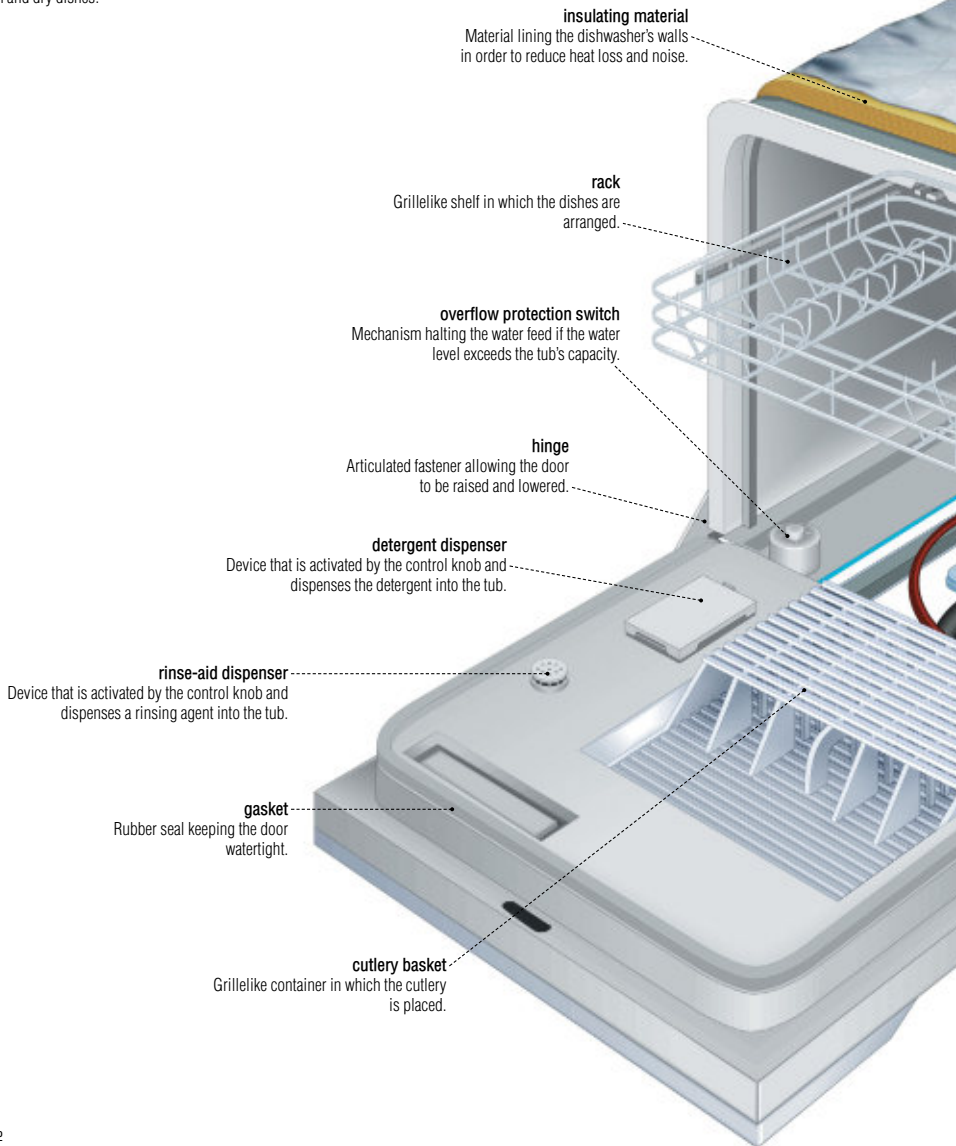
Device transforming electric energy into mechanical energy to drive another device.

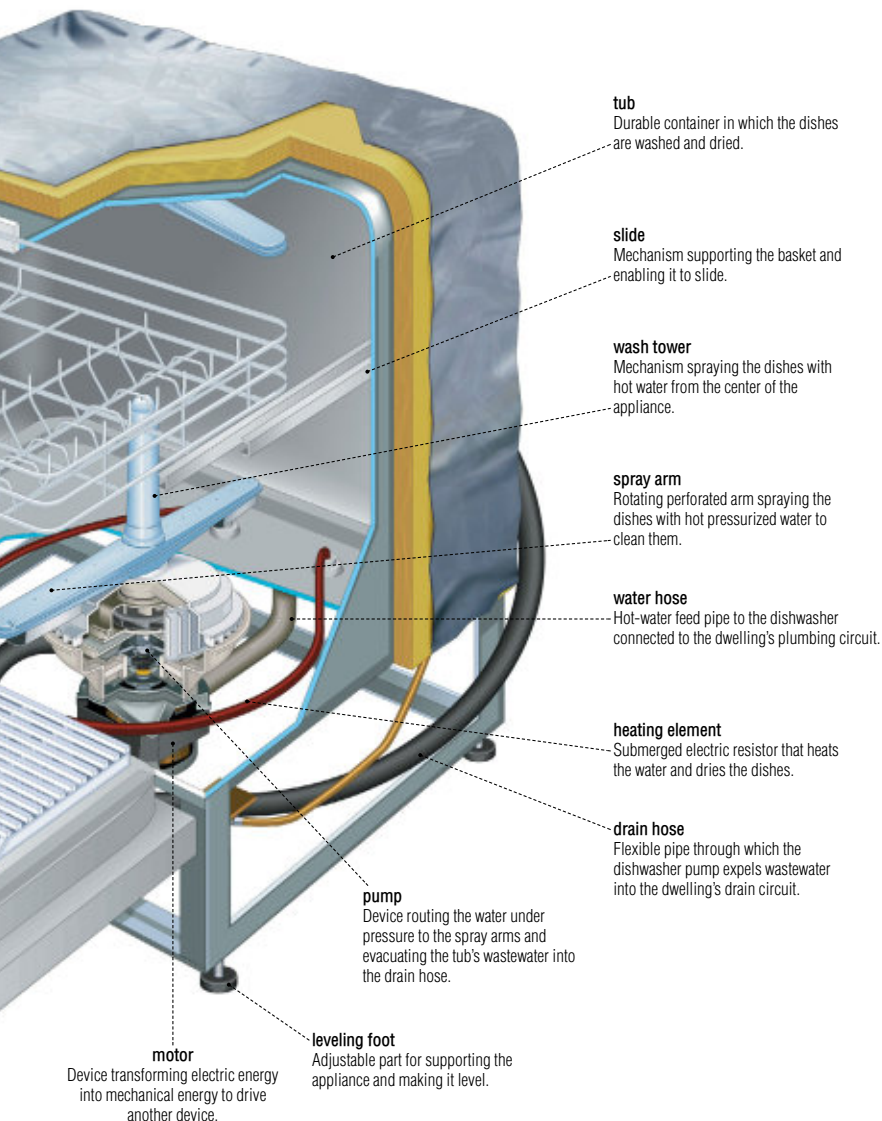


domestic appliances

dishwasher

Appliance designed to automatically wash and dry dishes.





household equipment

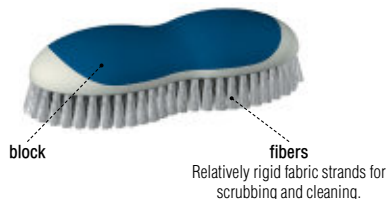
Objects used for cleaning a dwelling.

scouring pad

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

**brush**

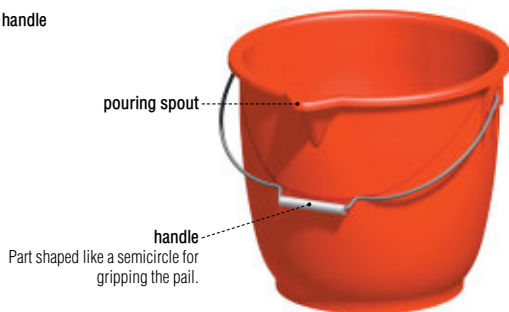
Utensil with fibers attached to a mounting used to scrub and clean.

**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.

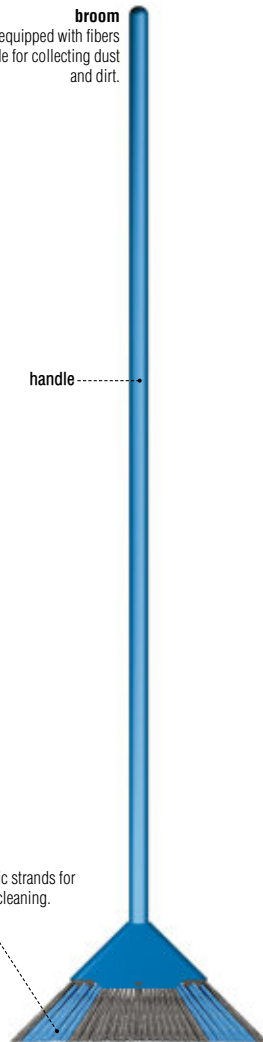
**broom**

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

handle

fibers

Relatively rigid fabric strands for scrubbing and cleaning.



carpentry: nailing tools

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

claw hammer

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



carpenter's hammer

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



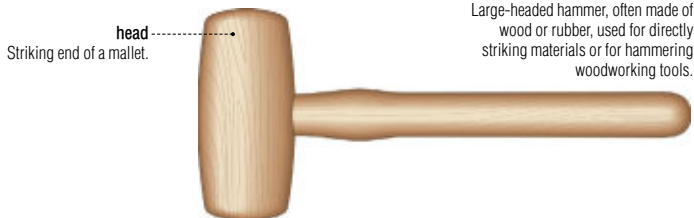
ball-peen hammer

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



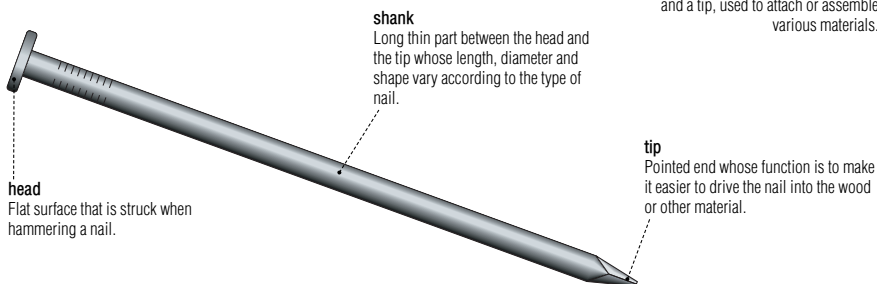
mallet

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



nail

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

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

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

**common nail**

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

**spiral nail**

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

**finishing nail**

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

**masonry nail**

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

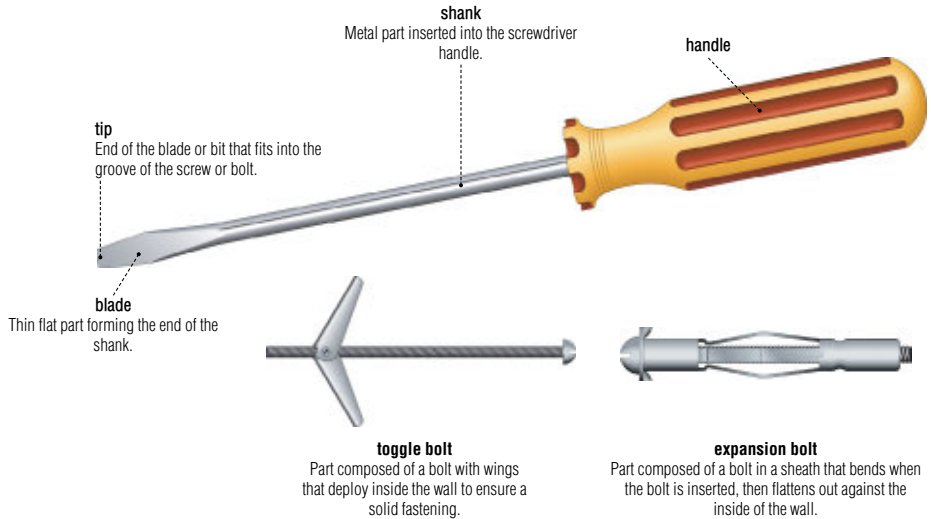
**cut nail**

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

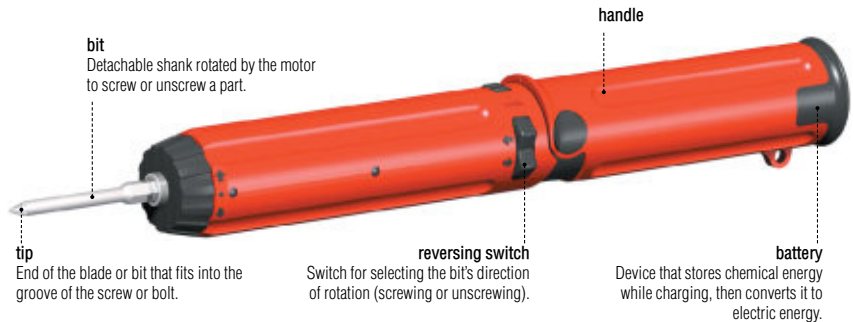
carpentry: screwing tools

screwdriver

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

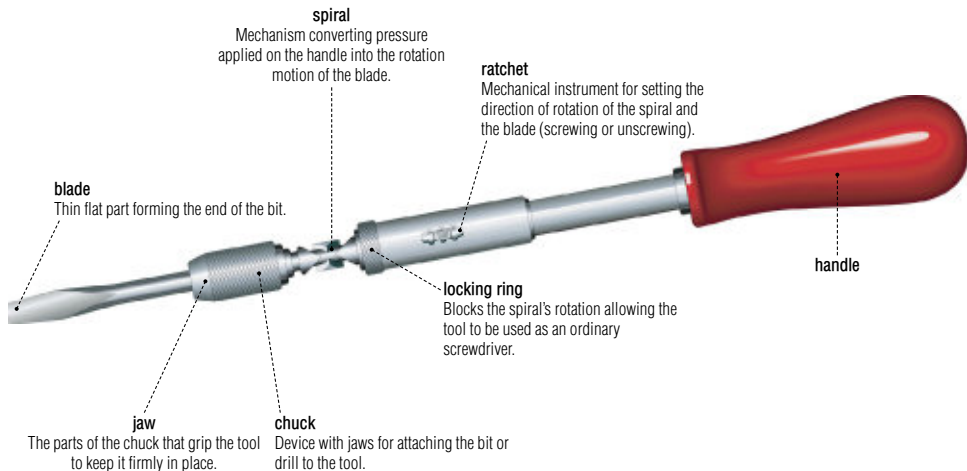
**cordless screwdriver**

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.

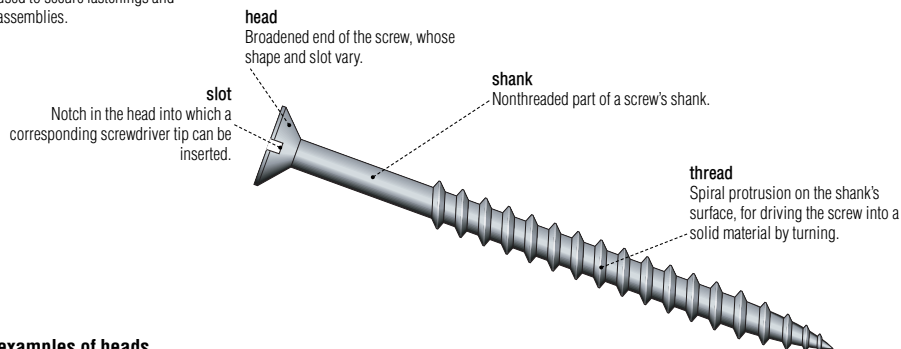
**cross-headed tip**

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**

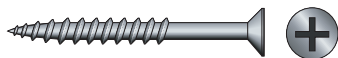
Slotted head having two opposing quarters removed so that the screw can be turned one way only, making it very difficult to unscrew.

**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**

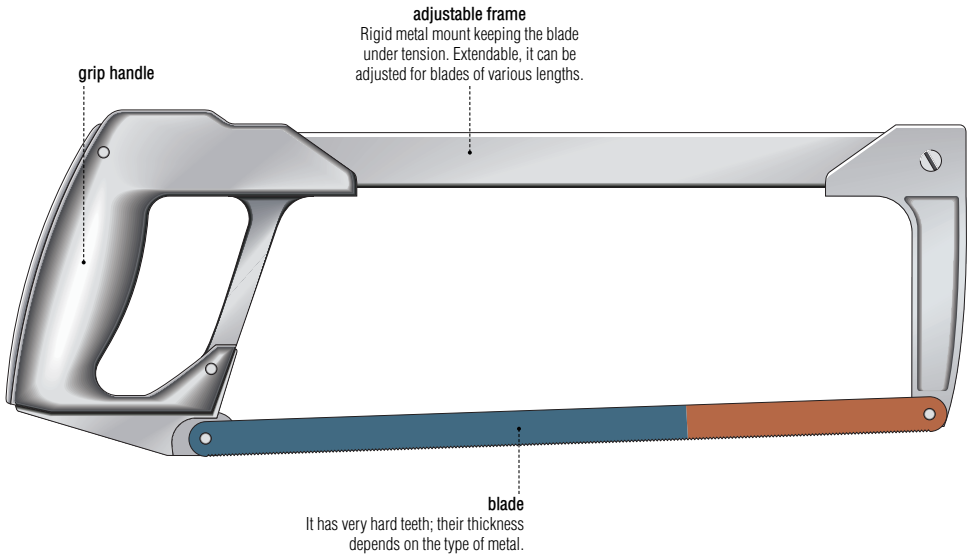
Head whose crisscross indentation keeps the screwdriver in the middle of the head, providing a very firm grip.

**socket head**

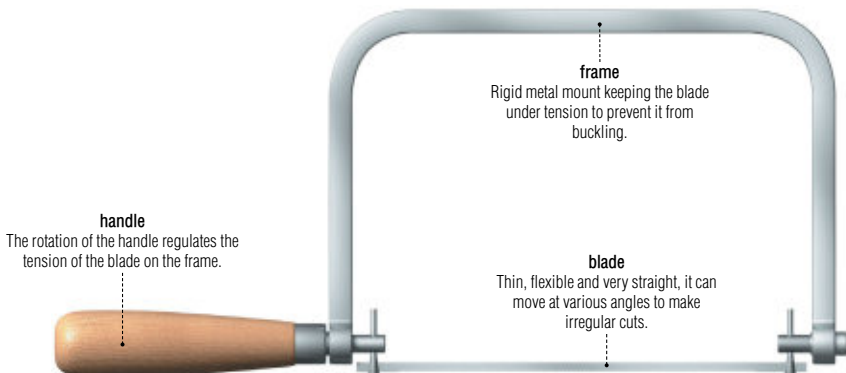
Head with a square socket that varies in size.

hacksaw

Frame handsaw for sawing metal of varying thicknesses.

**coping saw**

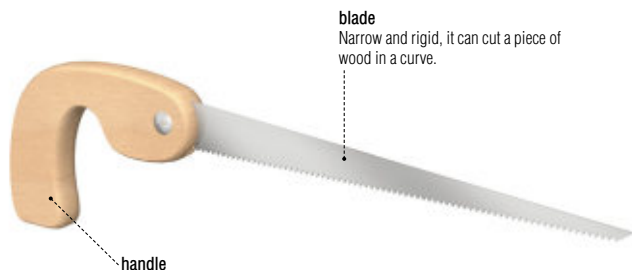
Small handsaw with a frame, used for cutting out curves or delicate patterns in a piece of relatively thin wood.



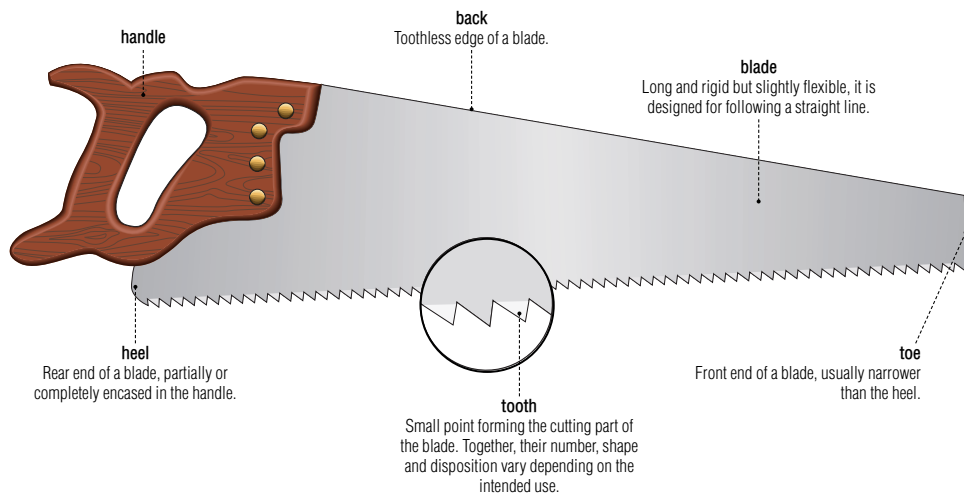
carpentry: sawing tools

compass saw

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

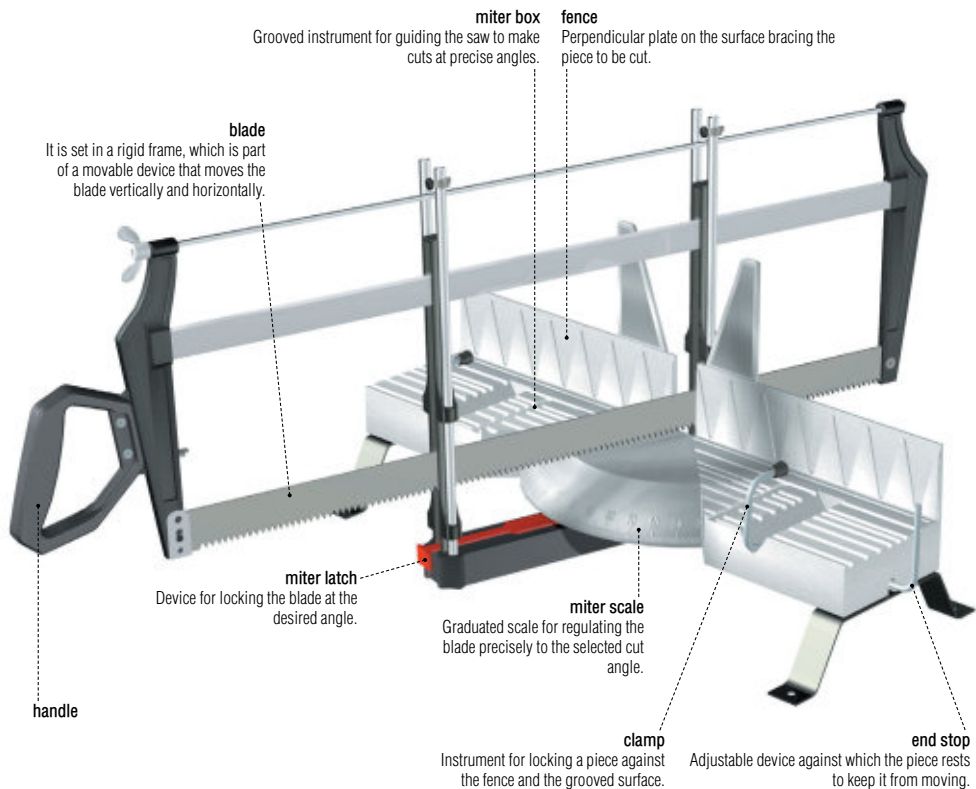
**handsaw**

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



hand miter saw

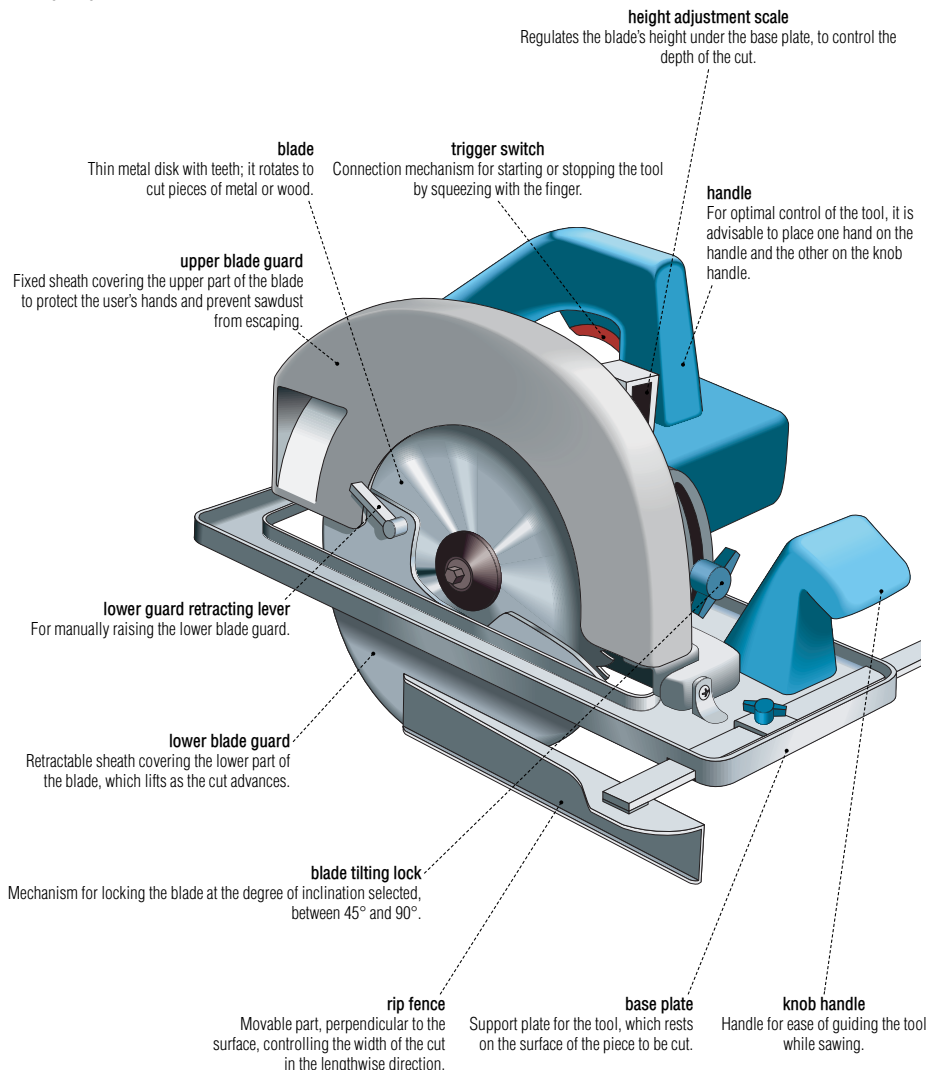
Device consisting of a handsaw and a guide for cutting a piece at a precise angle.



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

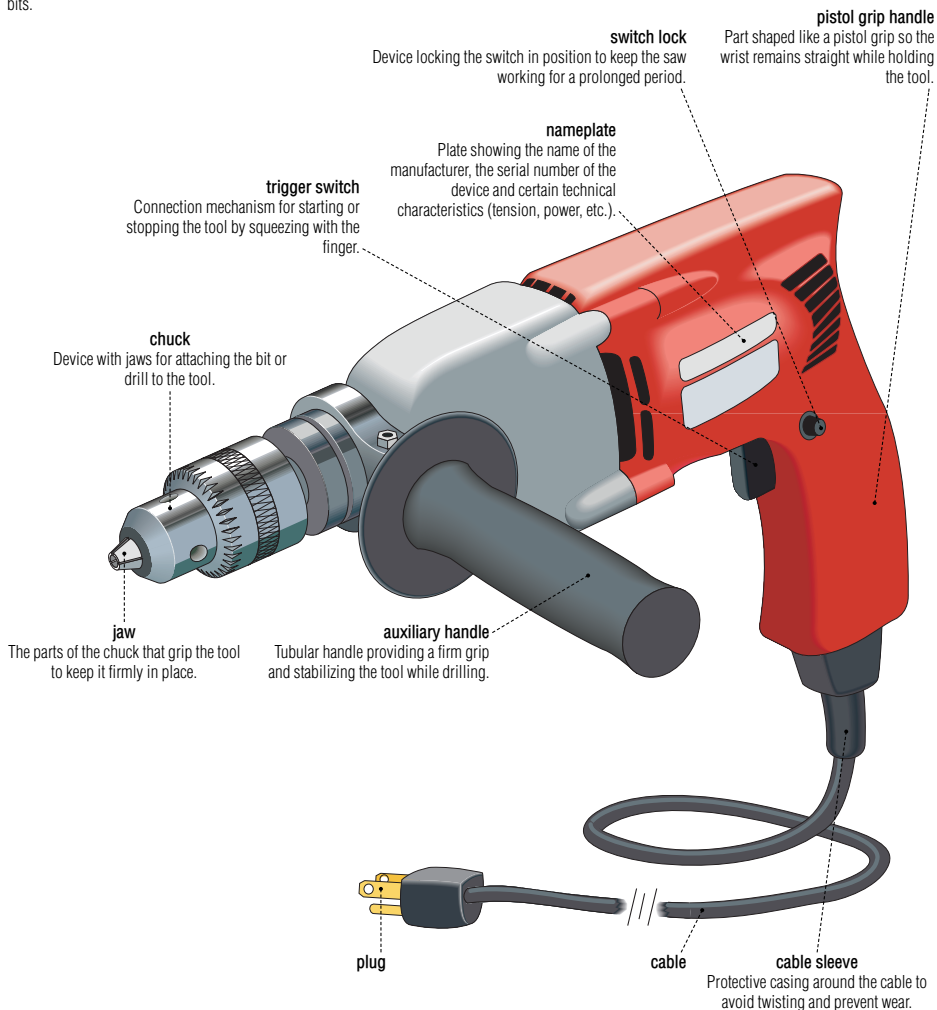
Flexible electric wire housing the leads connecting the appliance to the electric circuit.



carpentry: drilling tools

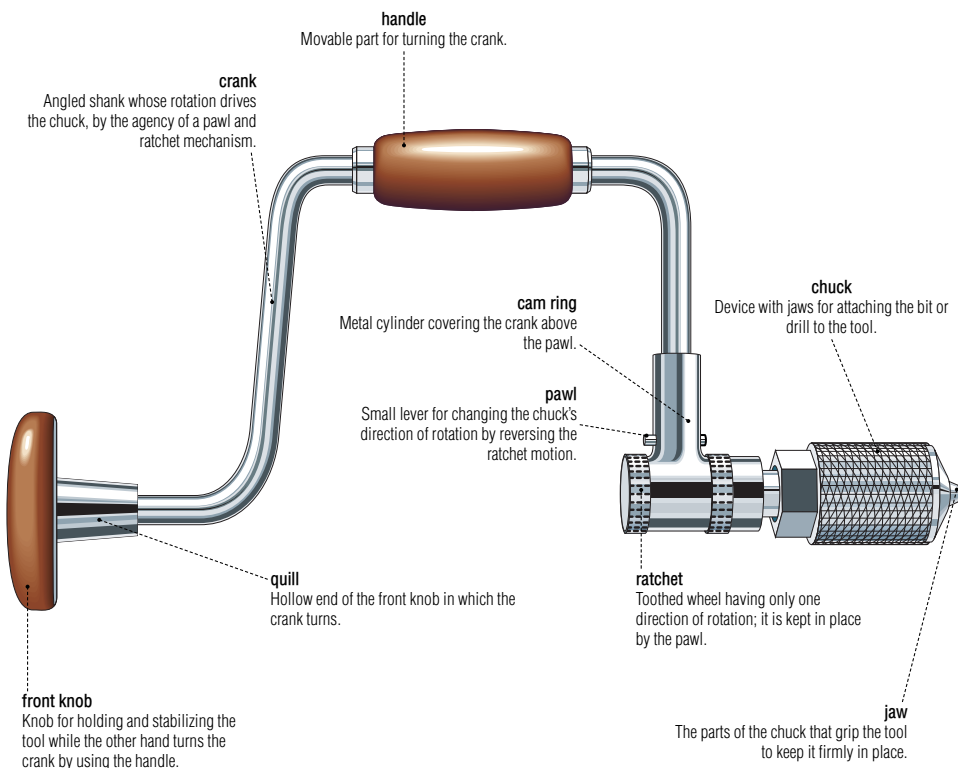
electric drill

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.



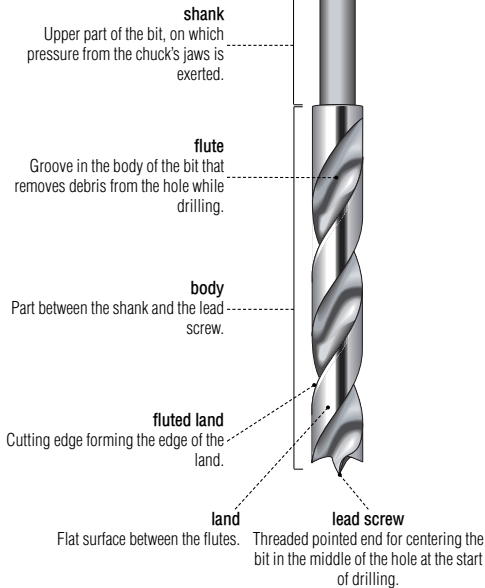
carpentry: drilling tools

examples of bits and drills

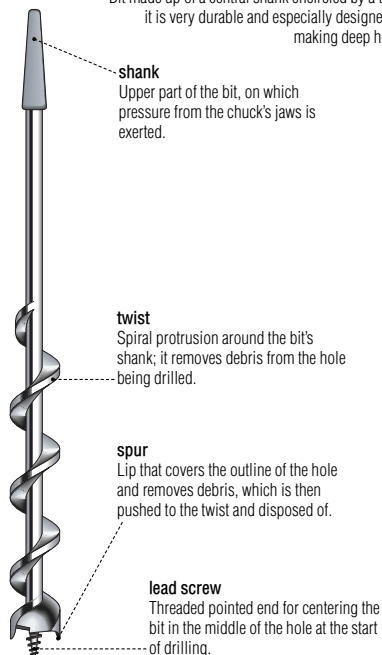
While both are intended for drilling holes in various materials, the bit has a center point while the drill ends in a cutting-edge cone.

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 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

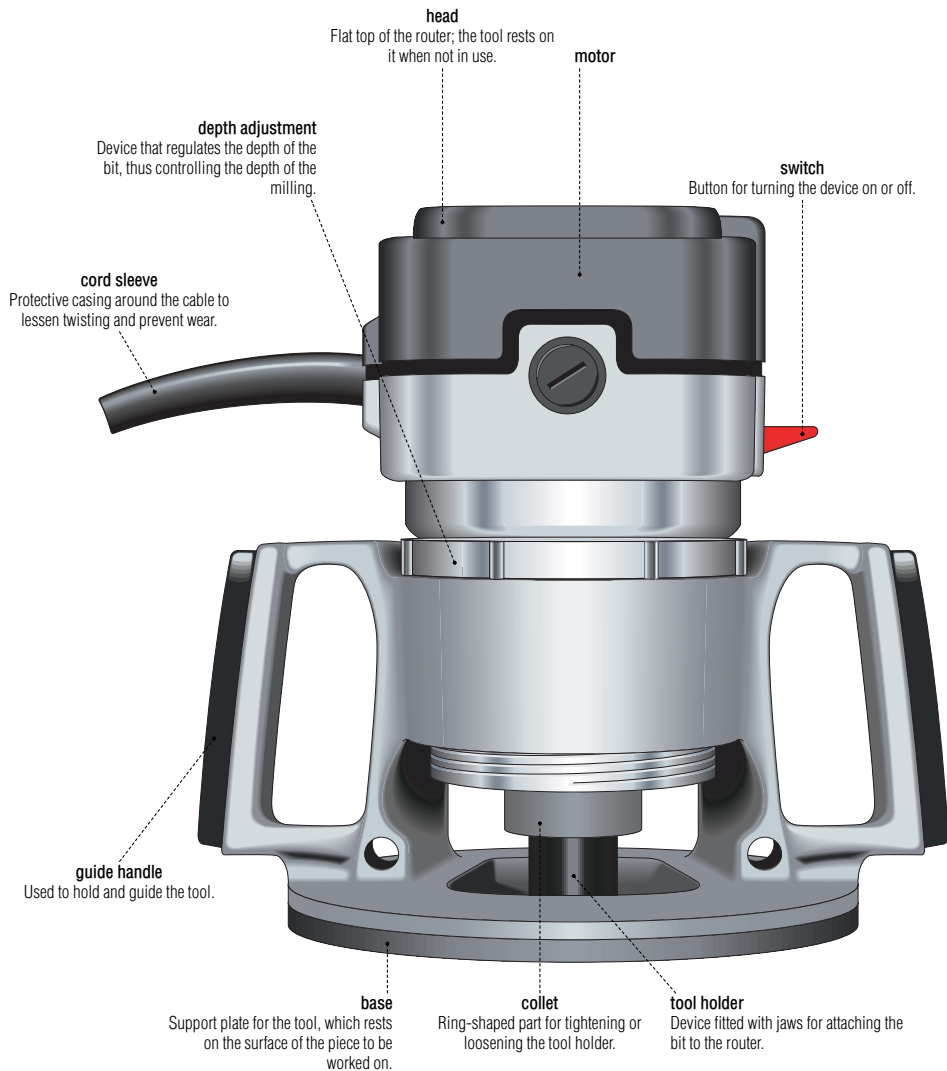
Portable electric tool whose abrasive disk moves two ways (rotating and eccentric) to sand various types of surface.



carpentry: shaping tools

router

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



examples of bits

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

**rounding-over bit**

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

**core box bit**

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

**dovetail bit**

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

**cove bit**

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

**rabbet bit**

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

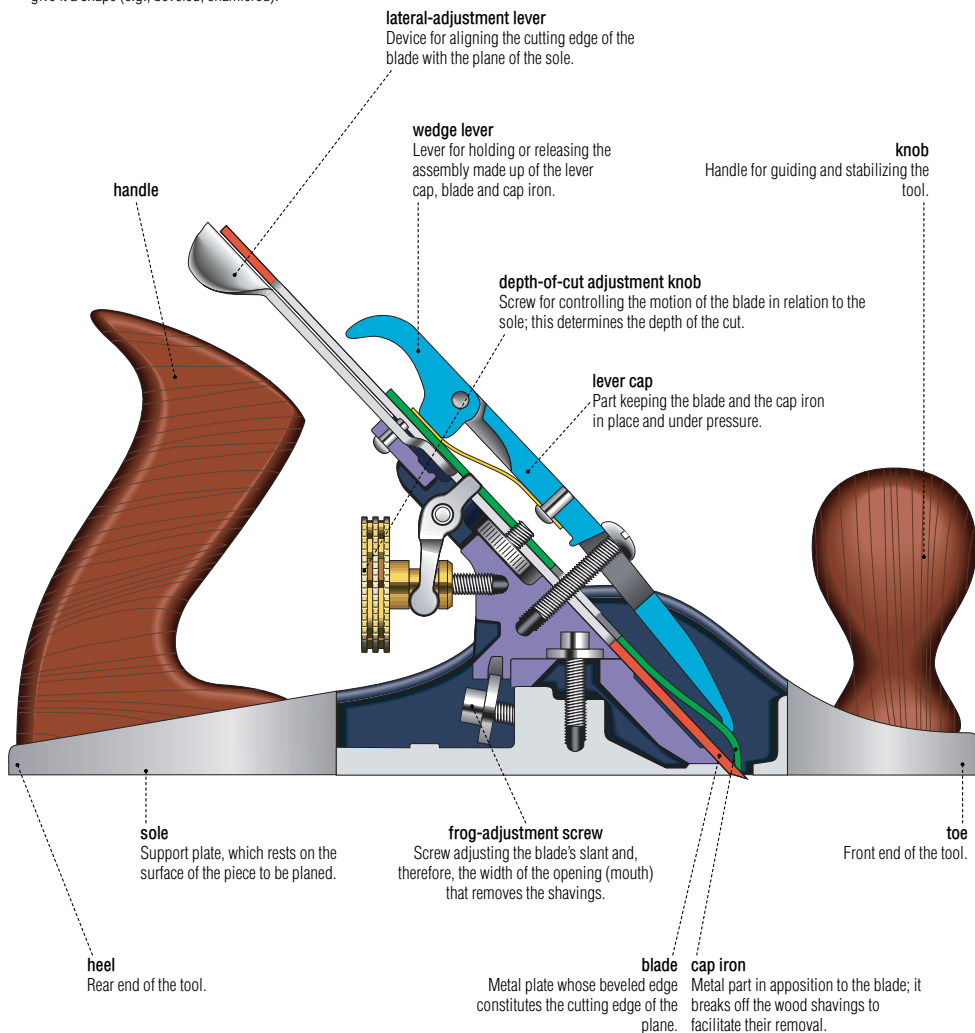
**chamfer bit**

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

carpentry: shaping tools

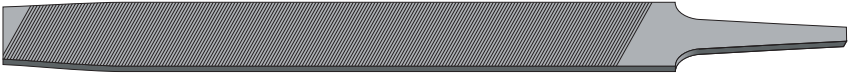
plane

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

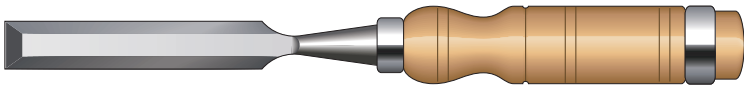


file

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.

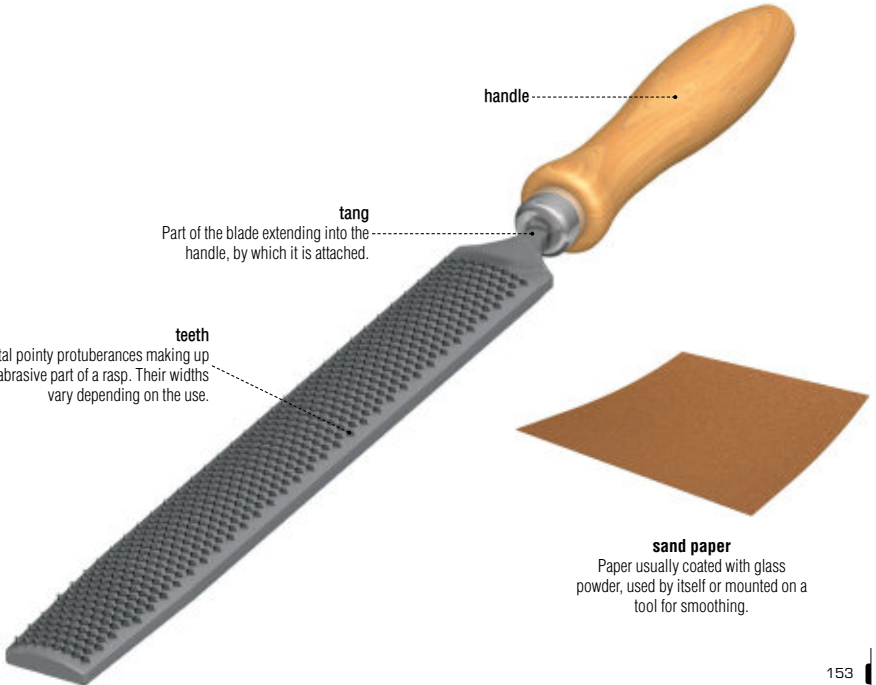
handle.....

tang

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

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.

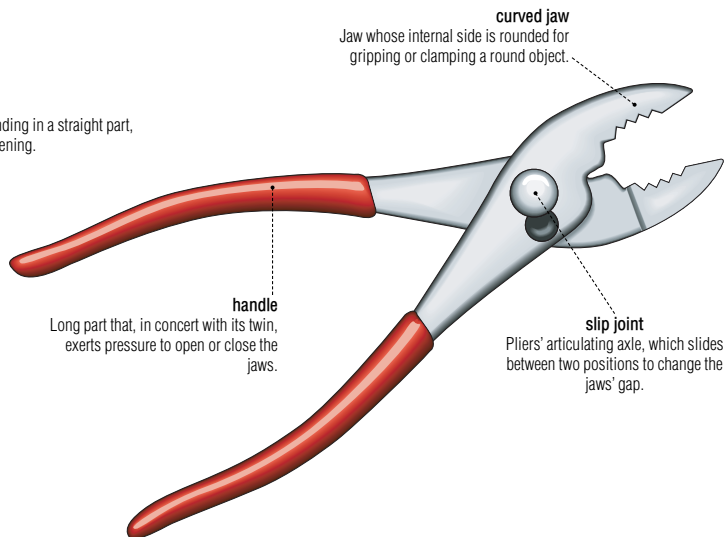
carpentry: gripping and tightening tools

pliers

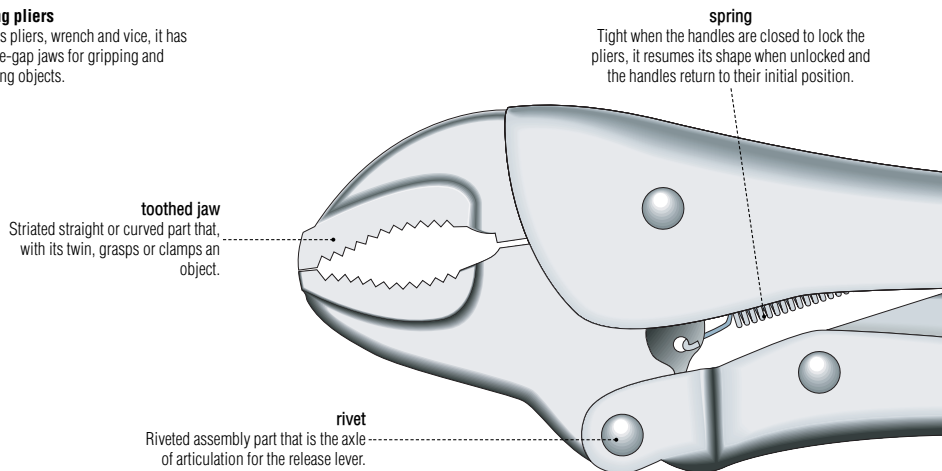
Hand tools with two movable jaws of fixed or variable gaps, intended for gripping or clamping objects.

slip joint pliers

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

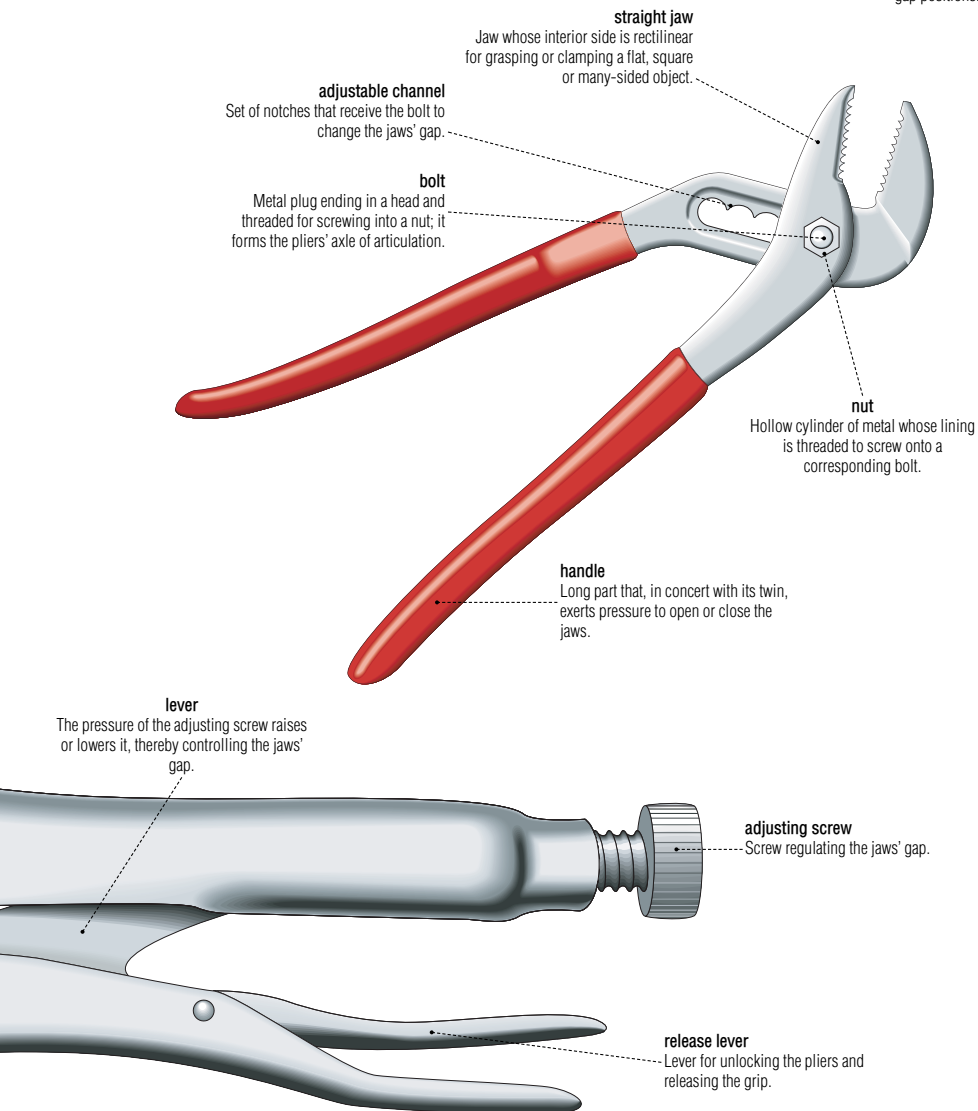
**locking pliers**

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.

**socket set**

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

ratchet socket wrench

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

**open end wrench**

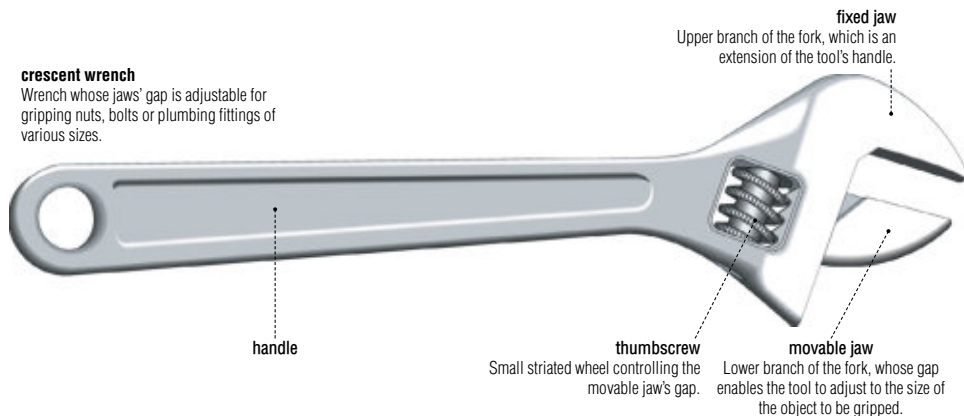
Wrench with two openings of different sizes, each having parallel jaws.

**box end wrench**

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

**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

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

bolt

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

**nut**

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

head

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

shoulder bolt

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

**threaded rod**

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

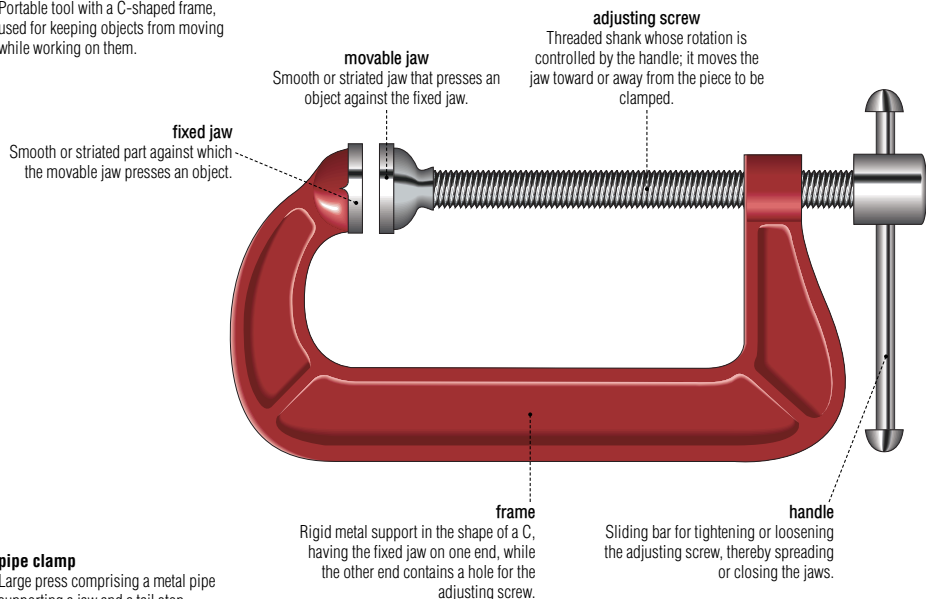
shoulder

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

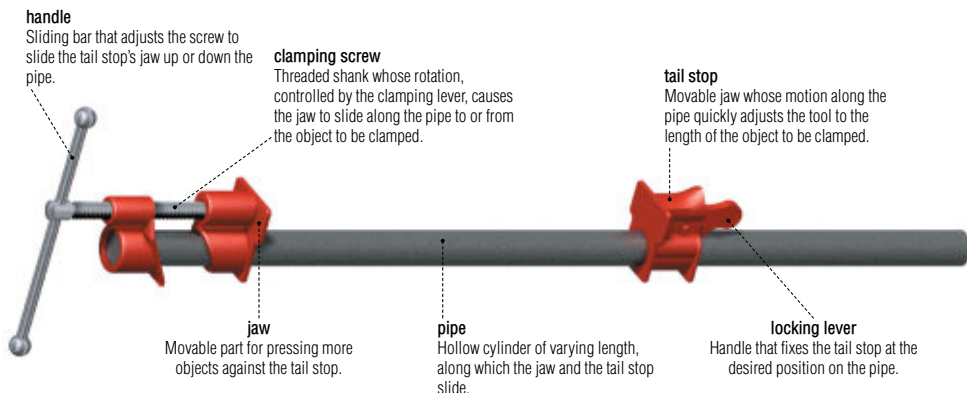
carpentry: gripping and tightening tools

C-clamp

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

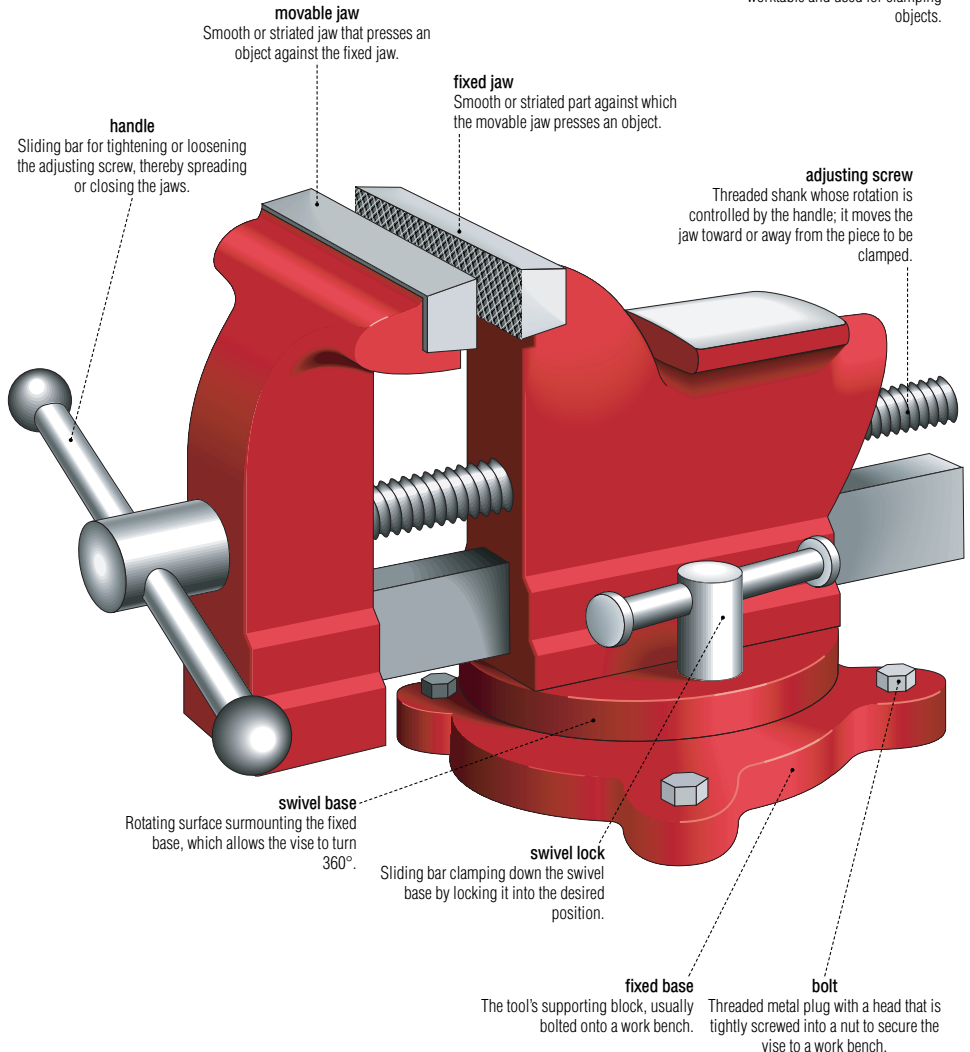
**pipe clamp**

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

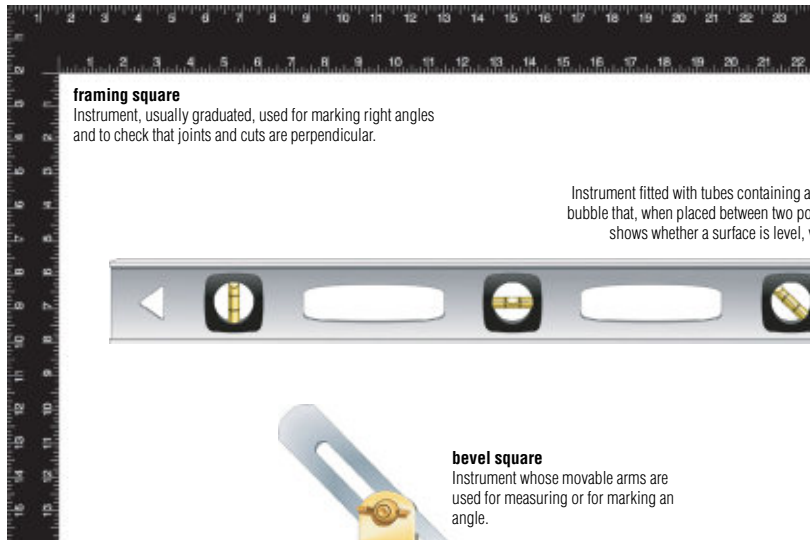


vise

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



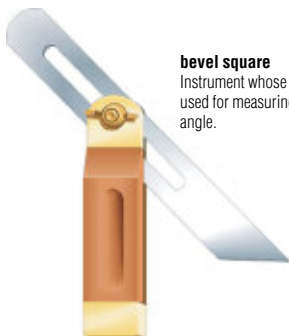
carpentry: measuring and marking tools

**framing square**

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

spirit level

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

**bevel square**

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

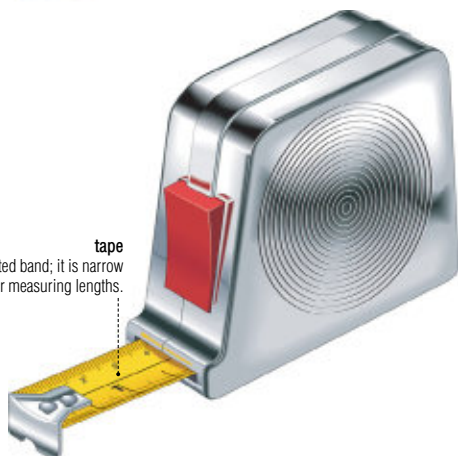
chalk line

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

**tape measure**

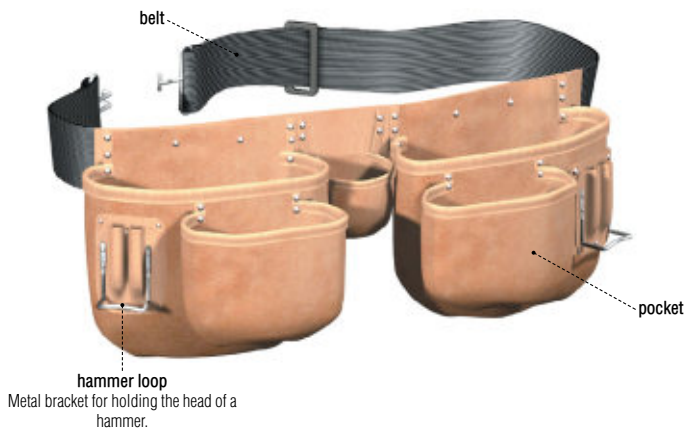
Instrument for determining length made up of a graduated, flexible tape of variable length that rolls up inside a case.

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

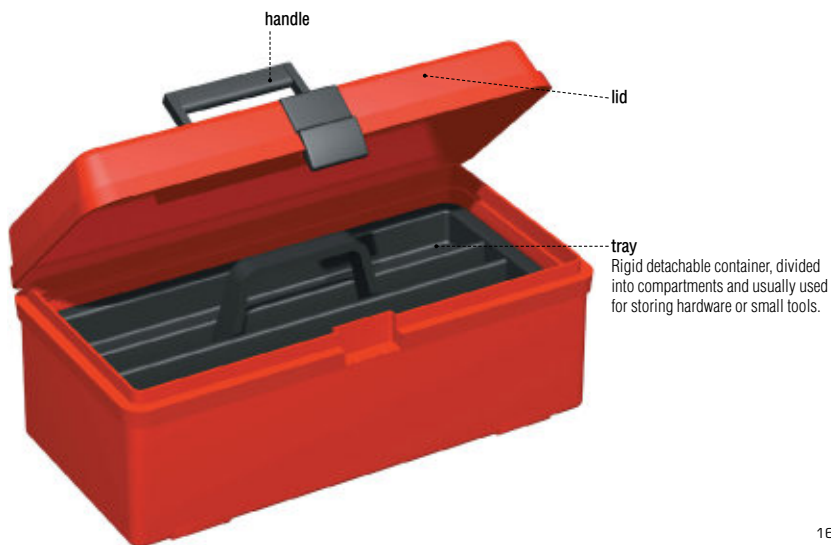


tool belt

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

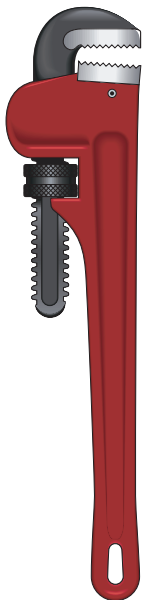
**tool box**

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



plumbing tools

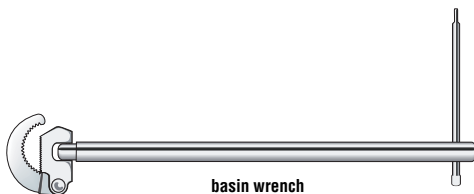
The purpose of plumbing is to install, maintain and repair a dwelling's pipes and sanitary fixtures.

**pipe wrench**

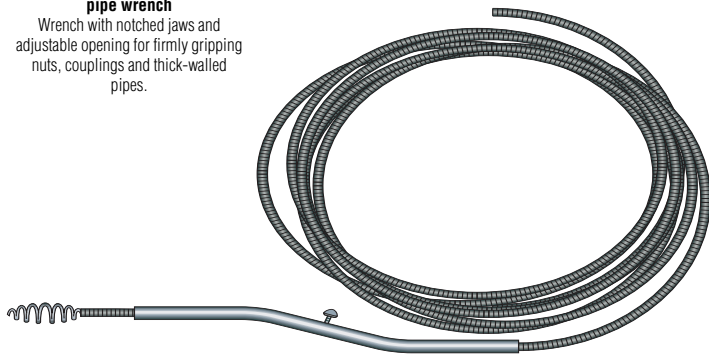
Wrench with notched jaws and adjustable opening for firmly gripping nuts, couplings and thick-walled pipes.

**Teflon® tape**

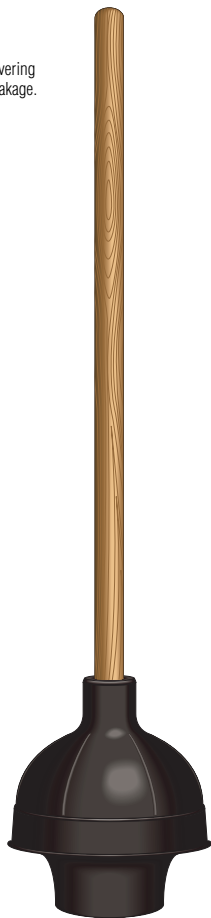
Flexible waterproof ribbon for covering threaded pipe joints to prevent leakage.

**basin wrench**

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

**plumber's snake**

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

**plunger**

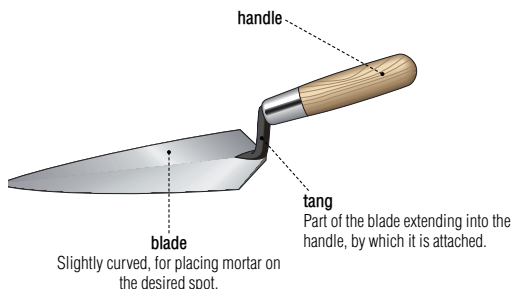
Rubber funnel-shaped instrument, attached to the end of a handle, for unblocking toilets, sinks and other drains.

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



square trowel

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



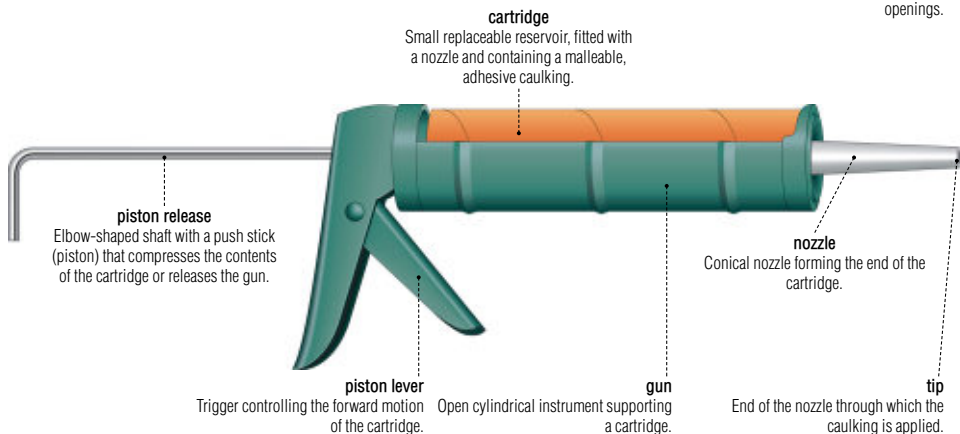
mason's trowel

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



joint filler

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



caulking gun

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

cartridge

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

piston release

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

piston lever

Trigger controlling the forward motion of the cartridge.

Open cylindrical instrument supporting a cartridge.

gun

nozzle

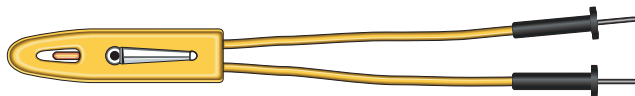
Conical nozzle forming the end of the cartridge.

tip

End of the nozzle through which the caulk is applied.

electricity tools

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

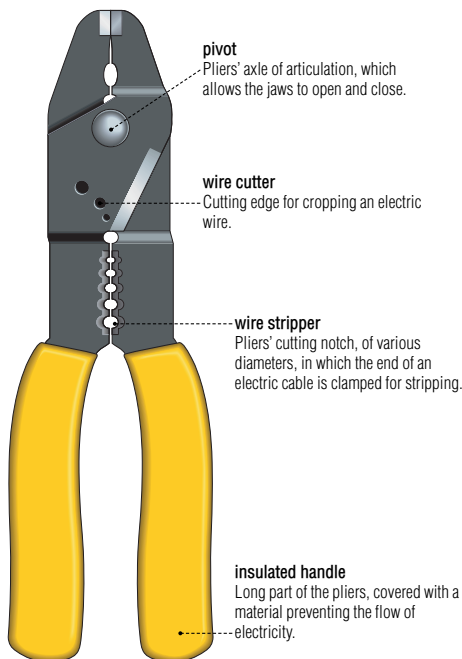


neon tester

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

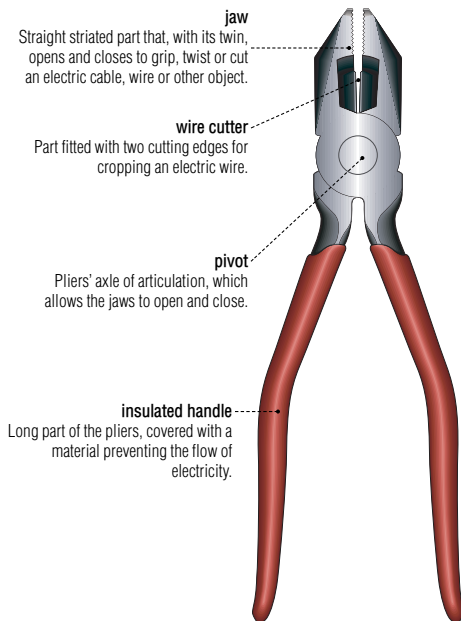
multipurpose tool

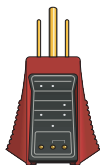
Pliers fitted with straight jaws, used especially for gripping, cutting and stripping electric wires.



lineman's pliers

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

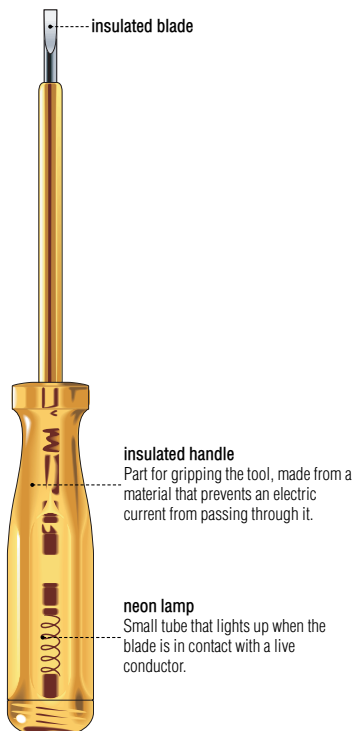


**receptacle analyzer**

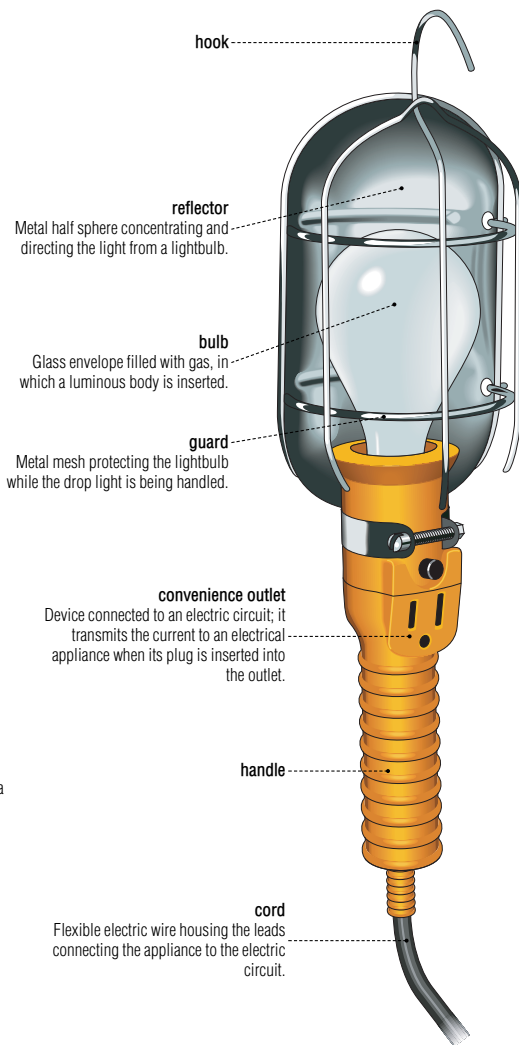
Instrument for detecting any faults in the receptacle, such as grounding problems and crossed or unconnected wires.

voltage tester

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

**drop light**

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

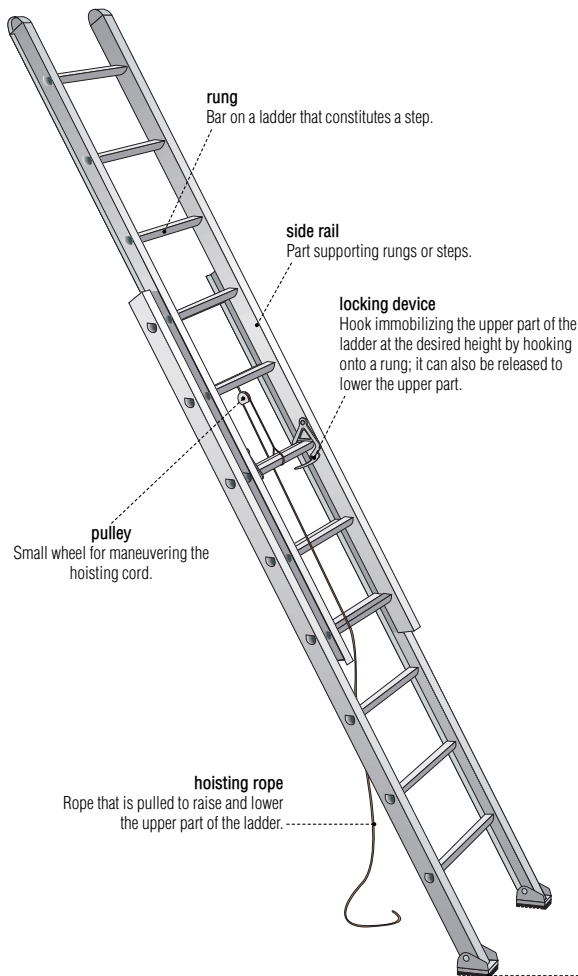


ladders and stepladders

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

extension ladder

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



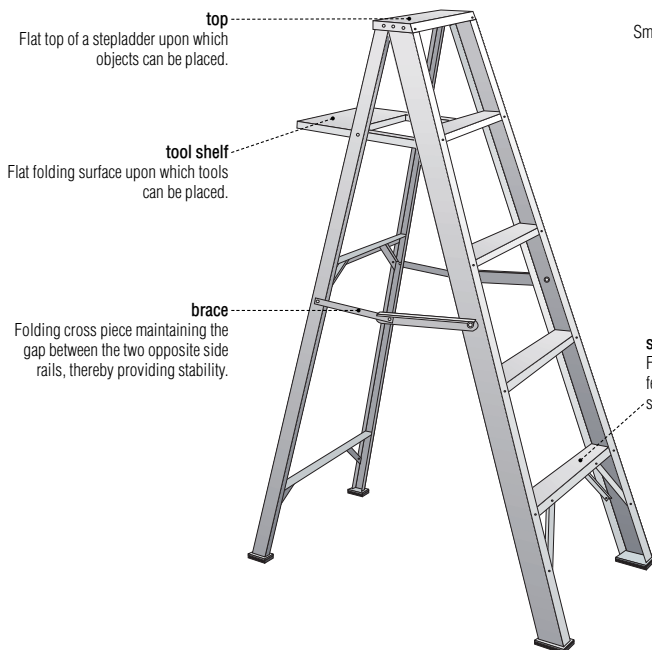
rolling ladder

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

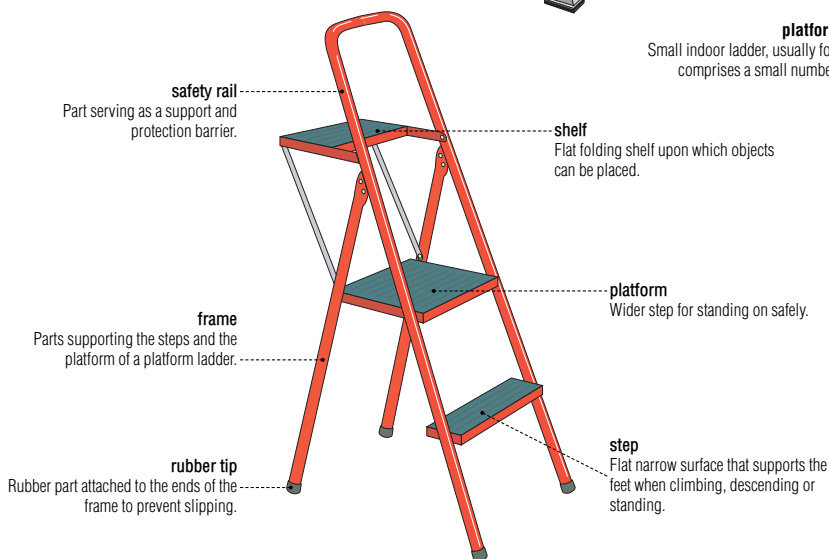


antislip shoe

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

**stepladder**

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

**platform ladder**

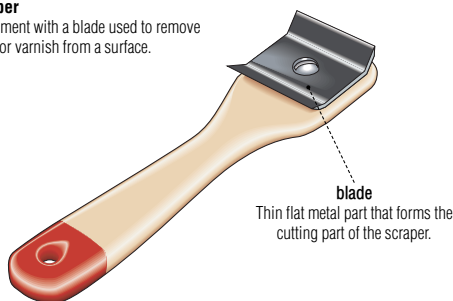
Small indoor ladder, usually folding, that comprises a small number of steps.

painting upkeep

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

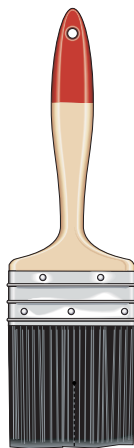
scraper

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



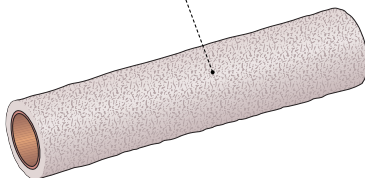
brush

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



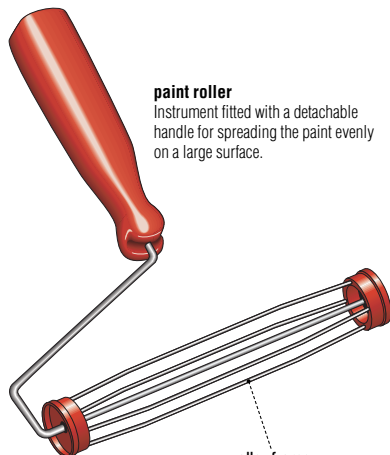
roller cover

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



paint roller

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



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.



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