

Commercial Rolling Garage Door Terminology

A

Axle Assembly: A horizontal member at the head of the opening that supports the curtain and contains the counterbalance spring(s)

Axle Collar: Cylindrical component used to center the axle assembly between the support brackets

B

Bottom Bar: A reinforcing member at the lower edge of a bottom curtain panel

Brackets: Support members above the top of the wall opening to which the axle assembly is attached

C

Commercial Door: A rolling sheet door typically used in other than self-storage applications

Counter Shutter: A door used to close an opening, which closes on a counter type sill

Counterbalance Assembly: An assembly consisting of torsion springs, spring anchors, and a shaft, which is positioned on the axle assembly

Curtain Latch: Locking device attached to the exterior side of the curtain, which slides into the guide, and is used to secure in the closed position and is equipped for padlocking

Curtain Panel: Formed metal sheet consisting of multiple corrugations with horizontal hems

Curtain: An assembly of curtain panels seamed together

Curtain Stops: See stops

Cycle: An action on the door from the fully closed position, to the fully open position, and returned to the fully closed position

D

Dead Axle: Axle assembly that remains stationary when the door is operated

Door Only: Axle assembly that remains stationary when the door is operated

Door Sheet: See Curtain Panel

Drum: A cylindrical component attached to the support shaft, which is used to support the roll diameter of the curtain

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E

Extended Brackets: Support brackets that increase the distance between the door shaft and the header

F

Felt Strips: Vertical cloth adhered to the curtain to reduce paint wear and noise

G

Guide: Vertical assembly in which the curtain travels and that is fastened to the jamb, retaining the edges of the door curtain and closing the space between the curtain edges and the jamb

H

Hem: Interlocking "hooks" on the top and bottom edge of the curtain panel used to create a seam

Head Stops: See Stops

Header Seal: A sheet metal housing that mounts horizontally over the coiled curtain and brackets, serving as a cover for the coiled curtain and closing the door space between the door coil and the header

Hood Baffle: A flap of material with one end secured to the interior of the hood and the other end resting on the curtain, and designed to retard air infiltration over the top of the curtain and through the hood

I

Interlock, External: An electrical switch to prevent motor operation if locking device is engaged

J

Jamb Clip: Steel angle used to secure guides to concrete or masonry jambs

L

Lift Clip: See step plate

Live Axle: Axle assembly that turns with the door when operated

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M

Mini Door: A rolling sheet door typically used in self-storage applications

R

Rolling Sheet Door: A vertically operating, coiling door typically used in commercial, industrial or self-storage applications, with a curtain consisting of formed metal sheets seamed together

S

Saddle: Component used to cradle and secure the axle to the brackets

Seam: Method of permanently interlocking two consecutive curtain panel hems for creation of the continuous sheet door curtain

Side Draft Stop: Material attached to the guides used to close the gap between the door and curtain and the guide when the door is in the closed position

Side Bolt: Locking device on the bottom bar, which slides into guide or guide shoe, and is equipped for padlocking. Mounted either inside, outside or both sides of the door

Spring Anchor: A component in a counterbalance assembly, that hold a spring in place while it is under tension

Spring Hook: A formed end of the counterbalance spring wire used to facilitate assembly

Steel Mounting Plates: Heavy gauge steel plate or angle used to secure support brackets when field conditions do not have adequate structure to anchor brackets

Step Plate: Plate installed on the bottom bar used to push the door tight to the floor with foot when engaging locks, and also used to prevent bottom bar from passing stops when curtain is raised

Stops: Bars mounted at top of guides to prevent bottom bar from traveling out of the guides when the curtain is fully raised

T

Tensioning Device: A component attached to the counterbalance shaft, which controls the spring tension as it is locked to the bracket

Top Draft Stop: Material attached to the curtain and used to close the gap between the door curtain and the header when the door is in the closed position

Top Sheet: Flat sheet or curtain panel attached to the axle assembly

Torsion Spring: A helical wound spring in a counterbalance assembly, used to counterbalance the curtain

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W

Wear Strips: Material attached to the curtain or guide to reduce paint wear and noise

Wind Bar: Channel or bar attached to guide, which engage windlocks under wind load

Windlock: A component which is attached at predetermined intervals to sheet ends to prevent curtain from leaving the guides under wind load, and which are used in conjunction with wind bars inside the guides