

SERIES 1000

ROLLING STEEL CURTAIN

General: Designed for high-security applications or oversized openings, sturdy 18-gauge slats and structural steel guides combine to make this our strongest rolling service door. This full-featured product delivers Asselin reliability and durability to meet or exceed the requirements of daily use. Offered with our widest selection of quality features and options, this model is best suited for most service door applications.

Steel Curtain: The metallic curtain Series 1000 model Duracoil as furnished by Asselin Industriel is constituted of non-insulated blades, emboxed in galvanized steel Z275 of thickness 0.92mm (20-gauge). The extremity locks of each alternating blade is made of malleable cast iron and allow the engagement and locking of the curtain in the guiding rails. The bottom bar is an aluminium profile, extruded, comprising an intense-cold rated santoprène weatherstripping in a U-shape. The bottom blade of the door is composed of two angles of 38x38x3mm at minimum.

Guiding rails: The guiding rails are composed of iron angles of appropriate thickness forming a deep enough slot to maintain the curtain in the rails. The support plates are made of steel of appropriate thickness for the door's dimensions, finished with a black paint primer.

Balancing mechanism : The balancing mechanism consists of helicoidal springs rated for 15,000 cycles at minimum, mounted on specially shaped anchors, supported by a solid cold laminated steel shaft, with the whole enclosed in a protective steel barrel. All springs are fixed to the same tensing shaft and maintained in place by the same tension regulator that is easily accessible, for ease of maintenance.

Hood: The barrel is lodged in a chest, here-called hood, that is made of galvanised steel ASTM A-653 of caliber 24-gauge to adjust to the intermediate support bars.

Finition: The standard finish for the blades and the hood is one of galvanised steel with gray colored primer to preserve a polished metal finish and look.

Maneuver: The system is powered by an electric operator output through a secondary shaft that is lateral. The command post is of type HLM. It comprises of three buttons, relay and electric devices and hardware, agreement ACNOR and underbox EEMAC, class 1. The system is designed for continuous usage with motors of powers ranging from ½ to 3-½ HP, on a voltage that can range from 110, 220, 440 or 600V, single or monophased, 50 or 60Hz frequency input.

The drive chain is #50 with tensor. The logic control is standard. There is also a pneumatic safety system on the bottom preventing the door from closing on pedestrians or vehicles. A two button mural pushbutton with key is also included.

Included works

Upon purchase of the door, technical drawings are included with one revision "For Approval" and "Issued for Construction" are included.

Warranty : The duration of the warranty on the door is twelve (12) months upon delivery of materials and covers all our material.

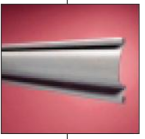


Slat style options



Flat slats.

The most architecturally pleasing slat profile. Flat slats are ideal when weatherseal is used.



Large contour slats.

Available in virtually unlimited widths, large contour slats are typically specified for largersized openings.



Small contour slats.

An excellent choice for smaller opening widths, small contour slats are the best value for opening sizes up to 14' x 14'.



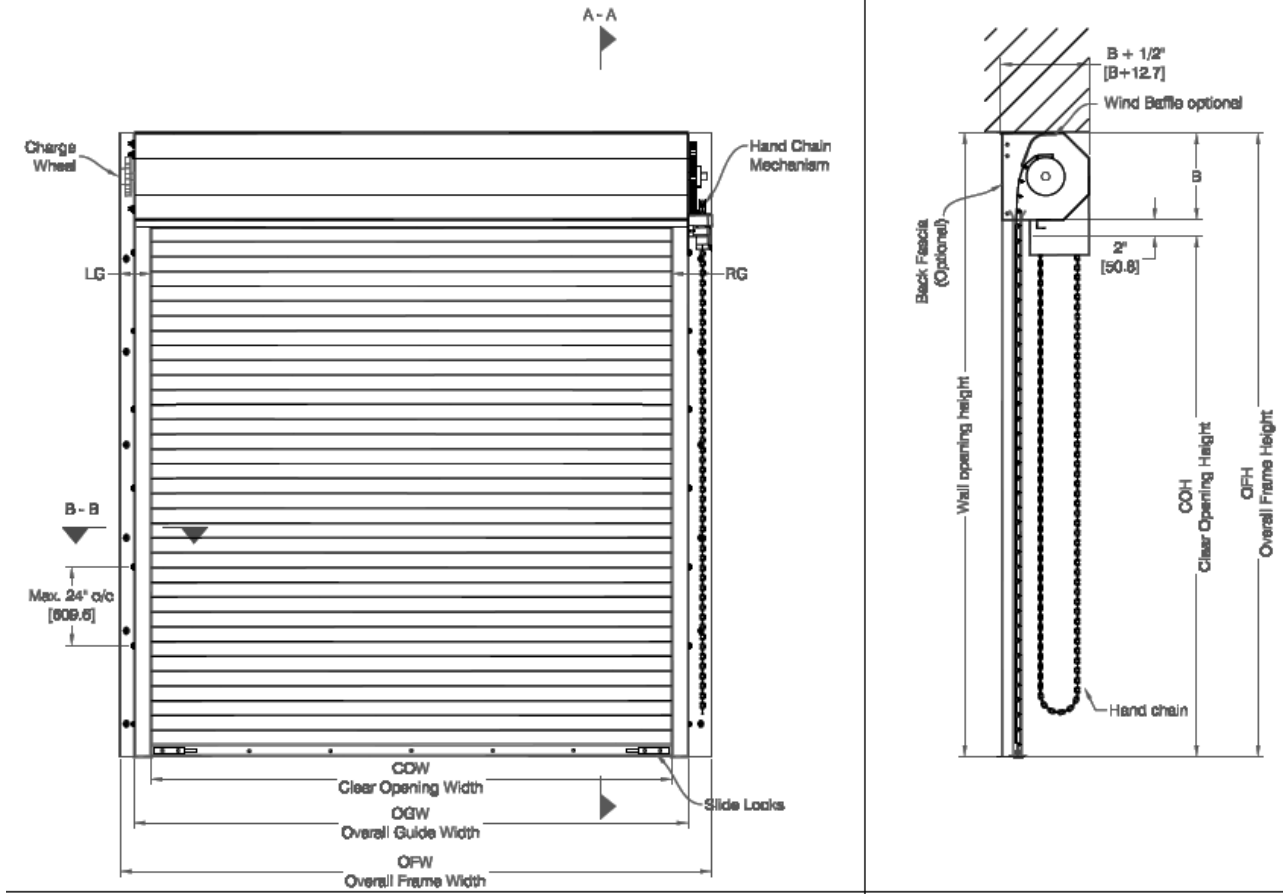
Flat insulated slats.

Designed for any application demanding greater thermal efficiency.



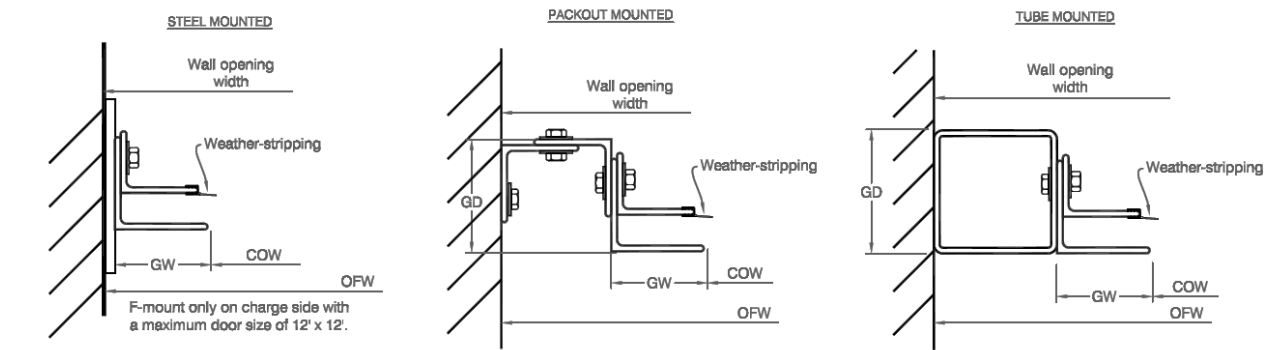
Flat perforated slats.

Engineered for applications where airflow, visibility and security are desired.



COIL SIDE ELEVATION

VERTICAL SECTION A - A



GUIDE SECTION B - B